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International Union of Geological Sciences (IUGS)  
Commission On The Management and Application of Geoscience Information  
(COGEOINFO)

# International Inventory of Automated Databases in the Geosciences

Edited by K. D. Gunderson  
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Open-File Report 94-299



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# DEPARTMENT OF THE INTERIOR

BRUCE BABBIT, Secretary

## U.S. GEOLOGICAL SURVEY

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## **PREFACE**

In 1987, the Joint Working Group of COGEODATA and COGEODOC on Data Sources and Data Integration under the auspices of the International Union of Geological Sciences, initiated a pilot project to create a worldwide inventory of machine-readable or digitized databases relating to the earth sciences including mineral and water resources. The joint Working Group of COGEODATA and COGEODOC developed an inventory that was presented in printed form in 1989 at the 28th International Geological Congress in Washington, D.C.

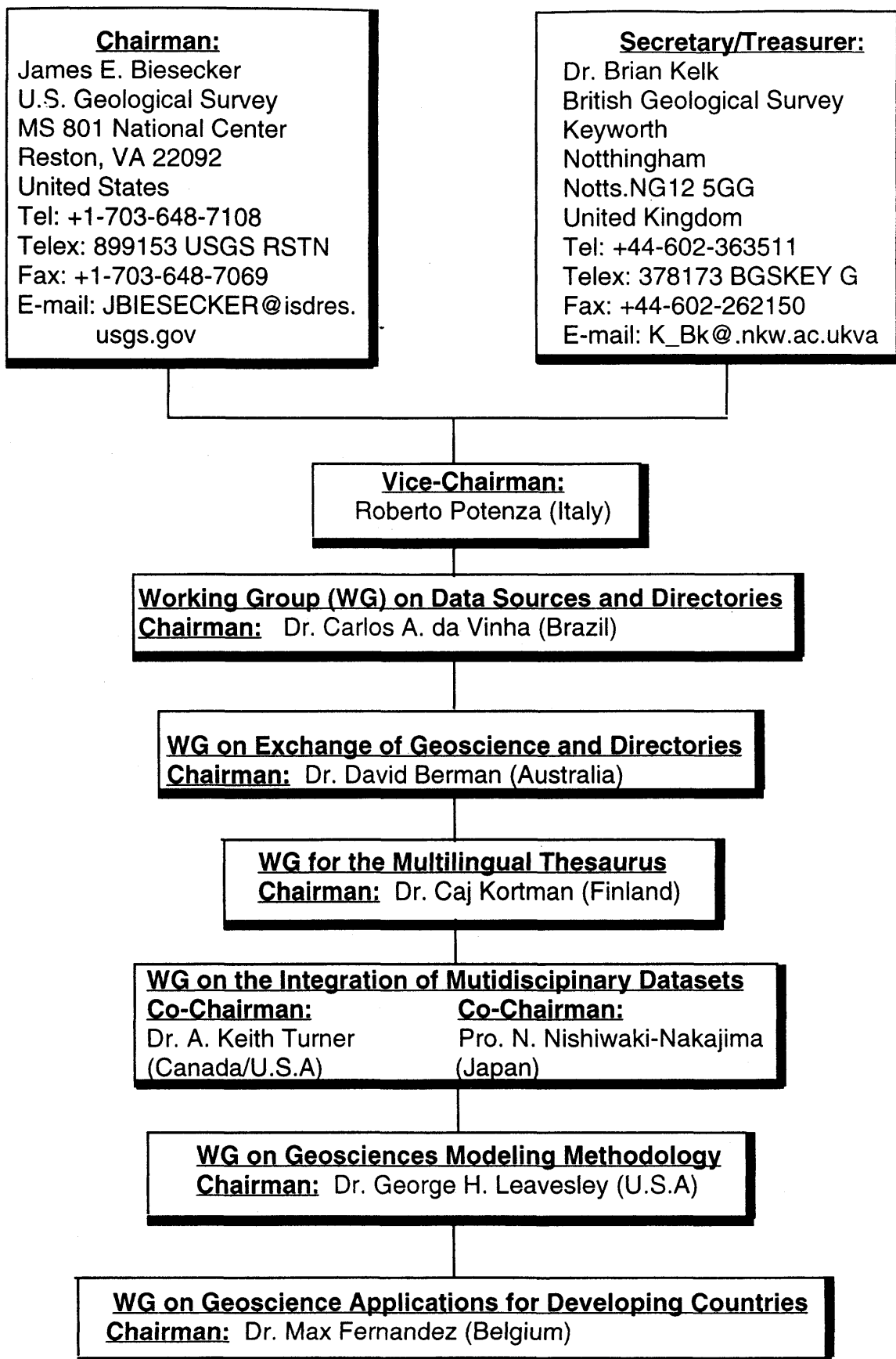
In 1992, the Council of International Union of Geological Sciences (IUGS) ratified a proposal for the termination of COGEODATA and COGEODOC and the subsequent formation of a new commission--Commission on the Management and Application of Geoscience Information (COGEOINFO). The missions of COGEOINFO are to stimulate and facilitate the full and wise use of geoscience information in the definition and solution of regional and global problems. To that end, COGEOINFO presents an expanded updated International Inventory of Automated Databases in the Geoscience. In addition to the geoscience of databases, there is also a listing of a variety of geoscience data sources from around the world. The data source listing is not intended to be comprehensive and marks the beginning of an undertaking to publish such a list.

This inventory of geoscience databases lays a foundation for development of a comprehensive source of knowledge regarding the proliferation of databases being produced in the earth sciences. The database and listing of geoscience data sources are intended as a reference tool for the scientific community that will facilitate international exchange of information to promote a new direction for research and exploration.

## **ACKNOWLEDGEMENTS**

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# COMMISSION OF THE MANAGEMENT AND APPLICATION OF GEOSCIENCE INFORMATION (COGEOINFO)





## **CONTENTS**

<i>Introduction.</i> . . . . .	<i>.1</i>
<i>Data Source Information</i> . . . . .	<i>.1</i>
<i>Database Information Content</i> . . . . .	<i>.2</i>
<i>Geoscience Databases by Country</i> . . . . .	<i>.7</i>
<i>Appendix -- Inventory of Automated Databases</i>	
<i>Questionnaire and Guide</i> . . . . .	<i>285</i>
<i>Index by Keyword and Reference Number.</i> . . . . .	<i>297</i>

# **INTRODUCTION**

This inventory represents one of several activities planned by the Joint Commission on the Management and Application of Geosciences Information (COGEOINFO) to establish a coherent long-term approach to the management of earth science data sources within the framework of the International Union of Geological Sciences (IUGS). The inventory can benefit the entire earth science community by:

- Assisting in the dissemination of knowledge among specialists in our increasingly computer-oriented society.
- Enabling easier exchange of technical data, documentation, and information among earth scientists, particularly in the area of international geological research and development.
- Increasing awareness about the status of research in the earth science community.
- Providing exposure to the range of earth science data available and bringing researchers in contact with information sources.

Future enhancements to the inventory include:

- Available via telecommunications networks such as Internet.
- Update of inventory completed by the submitting country.
- Available on disk including searchware that provides full-text retrieval.

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## **DATA SOURCE INFORMATION**

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The geoscience data sources section includes the following information:

1. **Country** - Country under whose jurisdiction the data source falls.
2. **Data Source** - Name of the organization that maintains the geoscience databases.
3. **Address** - The address of the geoscience data source.
4. **Contact** - A point of contact at the data source.

5. **Telephone/FAX**- The telephone and fax number of the point of contact. An Internet address may also be listed.

### DATABASE INFORMATION CONTENT

Based on the Questionnaire and Guide (included in the appendix), the databases are described by the following categories of information:

1. **COUNTRY** - Country under whose jurisdiction the database center falls. For a center within an international or intergovernmental organization, the term "International" has been applied.
2. **REFERENCE** - An identifier denoting the country that submitted the reference and a reference number. References are numbered sequentially in alphabetical order and are identified as new records or cross-referenced to their reference numbers in the 1989 version of the document.
3. **DATABASE NAME** - A short descriptive name or official title that identifies the databases.
4. **DATABASE TYPE** - An indication of the type of data in the database: Either numeric-factual (Spatial, scientific, and technical) or bibliographic (document - oriented, textual).
5. **ACRONYM** - A commonly used abbreviation, short name, or acronym for the database title.
6. **PRINCIPAL SUBJECT OF DATABASE** - Major and minor orientation of the database:

01. Mineralogy  
02. Petrology; Igneous-Metamorphic  
03. Geochemistry, Isotopes  
04. Regional Geology-Mapping Geology  
05. Tectonics-Structure Geology  
06. Extraterrestrial Geology  
07. Marine Geology  
08. Paleontology  
09. Stratigraphy  
19. General Geosciences

10. Metallic mineral resources  
11. Non-metallic min.resources  
12. Fuels and Energy resources  
13. Hydro-Geology  
14. Engineering Geology  
15. Geomorphology-Quatern.Geol.  
16. Environmental Geology  
17. Geophysics  
18. Remote sensing

7. **SUBJECTS** - A general, brief description of the geographic areas covered or represented by the majority of data collected.
8. **KEYWORDS** - Terms (keywords) which describe the data set, limited to six descriptors.
9. **ORGANIZATION MAINTAINING DATABASE** - The organization responsible for maintaining and operating the database. Full name in original language, including accents and transliterated into Roman alphabet if necessary.
10. **CENTER NAME IN ENGLISH** - Name of maintaining organization in English, if the original language is not English.
11. **CENTER TYPE**- Classification codes

GS - Geological Survey	IC - Information Center/Library
GA - Governmental Organization	AS - Association
RO - Regional Institution	IO - International Organization
RI - Research Institute	EM - Exploration/Mining
UN - University/Spec.Schools	PR - Private Company

12. **ADDRESS** - The address of the database maintaining organization and/or the center operating the database. Post office box number, street and number of building, postal code, city, province or state, country.
13. **TELEPHONE, FAX, TELEX** - The telephone and fax number of the contact person. Also the telex number of the maintaining center may be included.
14. **CONTACT PERSON** - The name of the person who is knowledgeable about the database.
15. **GEOGRAPHIC COVERAGE** - General classification of the database with respect to its geographical extent: International, regional, national, local.
16. **TERRITORY** - General, brief description of the geographic areas covered or represented by the majority of data collected.
17. **TIME COVERAGE** - The beginning and ending years of the data collected or used. Time span of data collected. If the data is collected continually, "present" is entered as end date.

18. **VOLUME OF DATA HOLDINGS** - Factual numeric data records or bibliographic references. An indication of the size of the database in terms of the approximate number of logical records and bytes or characters per record.
19. **FREQUENCY OF UPDATING** - Explain how often new records are added: daily, monthly, annually, irregularly.
20. **COMPUTER USED** - The make and model of the computer on which the database resides and is used.
21. **SOFTWARE** - The name of the computer program system that uses or accesses the database or file. Mainly the database management system used to develop and/or access the database.
22. **OUTPUT LANGUAGE(S)** - The working natural language for the database, output products.
23. **AVAILABILITY FOR USE/ACCESS** - An indication of the availability or accessibility of the database: Open to all users, fees charged, restricted.

## **NOTES**

1. By announcing the existence of a database, the pertinent organizations and centers operating it do not take any obligation or responsibility concerning its use. Complicated situations still exist in international data transfer. Consequently, the providers of the present inventory do not guarantee the accessibility of some of the databases contained herein. However, we trust that agreement will always be arrived at between a potential data user and the administrator of a database, no matter whether on a payment basis, through mutual data exchange, or by providing a certain volume of data free of charge.
2. The providers wish to state that they could not verify all the information submitted via the questionnaires. We depended on the suppliers of the information for the accuracy of the submitted information and therefore take no responsibility for any inexactness.
3. The index terms used in this inventory are based on The Multilingual Thesaurus of Geosciences, by G. N. Rassam, J. Gravesteijn, and R. Potenza, Pergamon Press, 1988.

4. The United States Government does not endorse products or manufacturers. Trade on manufacturers' names appear only because they are considered essential to the objective of this document.



## **GEOSCIENCE DATABASES BY COUNTRY**

The following is an inventory of geoscience databases from around the world. The inventory represents an updated and expanded version of the 1989 International Inventory of Automated Databases in the Geosciences.





## **Argentina**

Reference: ARGN 1

Database: Banco de Datos Geologico e Minero  
Data Type: Numeric  
Acronym: BDGM  
Data Subject: Metallic and non-metallic mineral resources, petrology  
Subjects: Ore deposits, production, importat, export  
Keywords: Inventory, mineral resources, production, export, import, Argentina  
Organization: Direccion Nacional de Mineria  
Center Name: Data Bank Department  
Center Type: Governmental organization  
Address: Av. Julio A. Roca 651-10 PI, Buenos Aires, Argentina  
Contact: Dr. Francisco E. Nullo  
Coverage: National and international data  
Time Period: Begin: Present  
Volume: 500 records  
Updates: Monthly  
Computers: Olivetti (386), Olivetti (286) Novel Red  
Software: FOX - LSN  
Output: Interactive, printed data compilation, published data bulletin  
Language: Spanish  
Availability: Restricted to certain users

Reference: ARGN 2                      Entry Number: 4

Database: Catalog of Radiometric Ages of Argentina  
Data Type: Bibliographic  
Acronym: ARCHIVO EDADES RADi\*  
Data Subject: Geochemistry, Isotopes, Regional and Mapping Geology, Petrology  
Subjects: Catalogo de edades radimetricas de la Argentina. Publicacion especial. Three files arranged:  
                    A. In descending order from the present to the oldest known  
                    B. By political provinces  
                    C. By geological units  
                    A. Reference list accompanies the catalogue in which for each sample is given:  
                        rock, location, method, material used, province, geological unit, age and  
                        error; plus bibliographic reference  
Keywords: Absolute age, dates, isotopes, Argentina  
Organization: Instituto de Geocronologia Fy Geologia Isotopica (Ingeis)  
Center Name: Geochronology and Isotope Geology Institute (Ingeis)  
Center Type: Regional institute  
Address: Pabellon Ingeis-Ciudad Universitaria, 1423 Buenos Aires, Argentina  
Telephone: 784-7798 or telex 783-3021/24  
Contact: Dr. Enrique Linares  
Coverage: National  
Territory: Argentina  
Time Period: Begin: 1950    End: Present

Argentina (Continued)

Volume: 5,000 records with 130 characters per record  
Updates: Every two years  
Computers: Hewlett Pack/HP-86 B  
Software: Written in house  
Output: Compilation, reports, bulletins  
Language: Spanish  
Availability: Restricted

Reference: ARGN 3                      Entry Number: 3

Database: Many (Numeric & Bibliographic)  
Data Type: Numeric, bibliographic  
Data Subject: Marine Geology, Geomorphology-Quaternary Geology, Hydrogeology  
Subjects: Groundwater analysis (numeric). Users have their own Databases  
Keywords: Coastal environment, Argentina  
Organization: Centro de Geologia de Costas  
Center Name: Coastal Geology Research Center  
Address: Caille De Carreo 722, 7600, Mar Del Plata, Argentina  
Telephone: 023-747144  
Contact: Federico Isla, Marcelo Zarate, Jonze Fasano  
Coverage: National  
Territory: Argentinian Coast  
Time Period: Begin: 1986    End: Present  
Computers: IBM PC/AT  
Software: Systat/dBASE III/ Lotus  
Output: Compilation  
Language: Spanish  
Availability: Restricted

Reference: ARGN 4                      Entry Number: 1

Database: Systematic Inventory of Mineralization  
Data Type: Bibliographic  
Acronym: INSISMIN  
Data Subject: Metallic and Non-Metallic Mineral Resources  
Subjects: Mineral Deposit File: Location - Mining Data Description: Mineralogy - Mineralization Unit -  
Regional Geologic Setting - Detailed Geologic Framework - Metallogenetic Classification - Cartographic and Bibliographic References  
Keywords: Metal ores, ore deposits, exploration, Argentina  
Organization: Catedra de Geologia Minera Facultad de Ciencias Exactas  
Center Name: Chair of Mining Geology - Faculty of Sciences  
Center Type: University, special schools  
Address: 5016 Cordoba, Argentina  
Telephone: 051-27814 ext. 31  
Contact: Dr. Horacio Magliola Mundet  
Coverage: Regional  
Territory: Cordoba State

### Argentina (Continued)

Time Period: Begin: 1979 End: Present  
Volume: 500 records with approx. 600 characters per record  
Updates: 2 - 3 Years  
Availability: Open, free

Reference: ARGN 5 Entry Number: 2  
Database: Well History Control Data  
Data Type: Bibliographic  
Data Subject: Fuels and Energy Resources  
Subjects: Well data, drilling, stratigraphy, well-logging, cores, tests, completion, final results. The Database is a two-level network structure. It has 170 data-items distributed in 23 data sets (files), representing 700 wells

Keywords: Wells, history, petroleum, Argentina  
Organization: Gerencia General de Exploracion Yacimientos Petroliferos  
Center Name: Exploration Management - National Oil Company  
Center Type: Governmental organization  
Address: 1364 Buenos Aires, Argentina  
Telephone: 49-0616 telex 21999  
Contact: Bojarski Salomon  
Coverage: National  
Territory: Argentina  
Volume: 2,700 records  
Updates: Annually  
Computers: Hewlett Packard 3000/III  
Software: Image/Query 3000  
Output: Interactive, compilation  
Availability: Restricted

### Australia

Reference: AUSL 1 Entry Number: 37

Database: Analogue Seismic Field Tapes  
Data Type: Numeric  
Data Subject: Geophysics  
Subjects: Analog marine seismic data  
Keywords: Seismic surveys, marine surveys, automatic data processing, continental margin, offshore, Australia Organization: Bureau of Mineral Resources

Center Type: Governmental organization  
Address: GPO Box 378, Canberra 2601, ACT, Australia  
Telephone: 616-499111 INTER Telex: AA 62109  
Contact: C. L. Penney  
Coverage: National  
Territory: Australian Offshore Region  
Time Period: Begin: 1970 End: 1973  
Volume: 2,000 tapes  
Computers: Hewlett Packard/1000  
Software: Special Purpose (In-House)  
Output: Compilation

# Australia (Continued)

Language: English  
Availability: Open, fees

Reference: AUSL 2                      Entry Number: 18

Database: Australian Earth Sciences Information System  
Data Type: Bibliographic  
Acronym: AESIS  
Subjects: Coverage of earth sciences. Published and unpublished Australian documented information, including company exploration reports and thesis  
Keywords: Areal geology, mineral resources, Australia  
Organization: Australian Mineral Foundation  
Center Name: Australian Mineral Foundation  
Center Type: Information center, library  
Address: 63 Conyngham Street, Glenside 5065, South Australia,  
Telephone: 08-379-0444    Telex: AA 87437  
Contact: D. A. Tellis  
Territory: Australia and Papua New Guinea  
Volume: 60,000 records  
Updates: Monthly  
Computers: DEC PDP 11/44 - file handling and storage IBM-NET  
Software: Formatext - data entry, and in-house Database  
Output: Interactive, microforms, compilation, reports, bulletins  
Language: English  
Availability: Open, fees, network

Reference: AUSL 3                      Entry Number: 25

Database: Australian National Gravity Database  
Data Type: Numeric  
Acronym: ANGDB  
Data Subject: Geophysics  
Subjects: Geographic coordinates, topographical elevations, observed textual information on approximately 1,000 gravity surveys in Australia, Antarctica, and New Guinea  
Keywords: Gravity surveys, elevation, Australia  
Organization: Bureau of Mineral Resources, Geology and Geophysics  
Center Type: Governmental organization  
Address: G.P.O., Box 378, A.C.T. 2601, Canberra, Australia  
Telephone: 062-499111    Telex: AA62109  
Contact: Alan S. Murray  
Coverage: National  
Territory: Australia and Territories  
Time Period: Begin: 1938    End: Present  
Volume: 750,000 records with 100 characters per record  
Updates: Daily

# Australia (Continued)

Computers: Data General MV 20,000  
Software: In-house Fortran programs  
Output: Interactive, batch, compilation  
Language: English  
Availability: Restricted, fees

Reference: AUSL 4 Entry Number: 35

Database: Australian Petroleum Accumulations  
Data Type: Numeric  
Acronym: BOR  
Data Subject: Fuels and Energy Resources  
Subjects: Data on Australian petroleum accumulations  
Keywords: Sedimentary basins, oil fields, petroleum, reservoirs, Australia  
Organization: Bureau of Mineral Resources  
Center Type: Governmental organization  
Address: GPO Box 378, Canberra 2601, ACT, Australia  
Telephone: 616-249-9111 Telex: AA62109  
Contact: S. Ozimic  
Coverage: National  
Territory: Australia  
Computers: Data General MV/20000  
Software: Oracle  
Language: English  
Availability: Restricted

Reference: AUSL 5 Entry Number: 43

Database: Australian Petroleum Reserves Database  
Data Type: Numeric  
Acronym: RESERVES  
Data Subject: Fuels and Energy Resources  
Subjects: Basin and field statistics for petroleum reserves  
Keywords: Petroleum, resources, reserves, oil fields, sedimentary basins, Australia  
Organization: Bureau of Mineral Resources  
Center Type: Governmental organization  
Address: GPO Box 378, Canberra 2601, ACT, Australia  
Telephone: 616-249-9111 Telex: AA62109  
Contact: P. Winchester  
Coverage: National  
Computers: Data General MV/20000  
Software: Oracle  
Output: Interactive  
Language: English  
Availability: Restricted

Australia (Continued)

Reference: AUSL 6 Entry Number: 42

Database: BMR Marine Survey Geophysical Data Field Tapes  
 Data Type: Numeric  
 Data Subject: Geophysics  
 Subjects: Unprocessed BMR marine geophysical data  
 Keywords: Marine surveys, magnetic surveys, seismic surveys, bathymetry, offshore, Australia  
 Organization: Bureau of Mineral Resources  
 Center Type: Governmental organization  
 Address: GPO Box 378, Canberra 2601, ACT, Australia  
 Telephone: 616-249-9111 INTER Telex: AA62109  
 Contact: C. L. Penney  
 Coverage: National  
 Territory: Australian Offshore Region  
 Time Period: Begin: 1965 End: Present  
 Volume: 500 tapes  
 Updates: Irregular  
 Computers: Hewlett Packard/1000  
 Software: Special Purpose (in-house)  
 Language: English  
 Availability: Restricted

Reference: AUSL 7 Entry Number: 48

Database: BMR Oceanographic Cruises Index  
 Data Type: Numeric  
 Data Subject: Marine Geology, Geophysics  
 Subjects: All relevant BMR cruises in the Australian region  
 Keywords: Marine geology, geophysical surveys Australia  
 Organization: Bureau of Mineral Resources  
 Center Type: Governmental organization  
 Address: GPO Box 378, Canberra 2601, ACT, Australia  
 Telephone: 616-249-9111 INTER Telex: AA62109  
 Contact: C. L. Penney  
 Coverage: National  
 Territory: Australian offshore region  
 Time Period: Begin: 1970 End: Present  
 Volume: 78 records  
 Updates: Irregular  
 Computers: Hewlett Packard/1000  
 Software: Special Purpose  
 Output: Interactive, compilation  
 Language: English  
 Availability: Open, fees

# Australia (Continued)

Reference: AUSL 8 Entry Number: 9

Database: Bureau of Mineral Resources, Earthquake Data File  
 Data Type: Numeric  
 Data Subject: Geophysics, Tectonics-Structural Geology, General Geosciences  
 Subjects: Earthquake parameters - date, latitude, longitude, depth, magnitude, effects, agency  
 Keywords: Earthquakes, seismicity, epicenters, Australia  
 Organization: Australian Seismological Centre  
 Center Name: Australian Seismological Center, Bureau of Mineral Resources  
 Center Type: Governmental organization  
 Address: PO Box 378, Canberra Act 2601, Australia  
 Telephone: 06-249-9675 Telex: 62229 MBRCOM  
 Contact: Kevin McCue  
 Coverage: National data  
 Territory: 85 Deg. - 90 Deg. S., 98 Deg - 163 Deg E. (Australia)  
 Time Period: Begin: 1900 End: Present  
 Volume: 40,000 records with 80 characters per record  
 Updates: Quarterly  
 Computers: Webster Spectrum MK2 LSI 11/73 CPU  
 Software: PITSIS (Commercial)  
 Output: Interactive, compilation  
 Language: English  
 Availability: Restricted, fees

Reference: AUSL 9 Entry Number: 29

Database: Catalogue of Aeromagnetic Data  
 Data Type: Numeric  
 Acronym: STREAM  
 Data Subject: Geophysics  
 Subjects: Latitudes and longitudes of the corners of aeromagnetic surveys. The information is extracted from reports supplied by exploration companies. Area surveyed can be presented graphically. Fees charges for machine-readable batch output only  
 Keywords: Aeromagnetic surveys, Western Australia  
 Organization: Geological Survey of Western Australia  
 Center Type: Geological Survey  
 Address: 100 Plain Street, Perth, 6,000, Western Australia, Australia  
 Telephone: 09-222-3331 Telex: AA 95791  
 Contact: G. J. Street  
 Coverage: Regional  
 Territory: Western Australia  
 Time Period: Begin: 1949 End: Present  
 Volume: 1,000 records with 140 characters per record  
 Updates: Monthly  
 Computers: Tektronix 4054, IBM PC/XT  
 Software: Stream programs written in house for Tektronix  
 Output: Interactive, batch, reports, bulletins  
 Language: English  
 Availability: Open, restricted, fees



Australia (Continued)

Reference: AUSL 10 Entry Number: 10

Database: Daily Metal Prices  
 Data Type: Numeric  
 Acronym: MINPRI  
 Data Subject: Metallic Mineral Resources, Non-Metallic Mineral Resources  
 Subjects: Australian, USA and European daily prices for metals, ores, and concentrates; monthly prices for industrial minerals; annual average unit values for industrial mineral imports and exports

Keywords: Metal ores, gold ores, prices, mineral resources, economics, Australia  
 Organization: Bureau of Mineral Resources  
 Center Type: Governmental organization  
 Address: GPO Box 378, Canberra 2601, ACT, Australia  
 Telephone: 616-249-9111 telex aa62109  
 Contact: B. Elliott, R. Lorenz  
 Time Period: Begin: 1950 End: Present  
 Volume: 214 time series  
 Updates: Weekly  
 Computers: IBM 3081K (I.P. SHARP ASSOC. CANADA)  
 Software: I.P. Sharp Assoc. Apl System  
 Output: Interactive, reports, bulletins  
 Language: English  
 Availability: Open, fees, network

Reference: AUSL 11 Entry Number: 6

Database: Digital Airborne Geophysical Data  
 Acronym: ARGUS and DIGITAL  
 Subject: Geophysics  
 Subjects: Reconnaissance measurements of magnetic field anomalies and land surface emission of gamma rays in range 0.3-3.0 mev. Complete coverage of Australia expected by 1992

Keywords: Geophysical surveys, data processing, radioactivity surveys, magnetic surveys, airborne methods, Australia  
 Organization: Bureau of Mineral Resources  
 Center Type: Governmental organization  
 Address: GPO Box 378, Canberra 2601, ACT, Australia  
 Telephone: 616-249-9111 inter Telex: AA62109  
 Contact: B Minty  
 Coverage: Geology  
 Territory: Australia  
 Time Period: Begin: 1951 End: Present  
 Volume: 450 tapes covering 280 standard 1:250,000 map sheet areas  
 Computers: Data General MV/20000  
 Software: Special Purpose  
 Output: Batch  
 Language: English  
 Availability: Open, fees

Australia (Continued)

Reference: AUSL 12 Entry Number: 45

Database: Digital Seismic Field Tapes  
 Data Type: Numeric  
 Data Subject: Geophysics  
 Subjects: Digital field tapes from marine seismic surveys  
 Keywords: Geophysical surveys, marine surveys, seismic surveys, automatic data processing, Australia  
 Organization: Bureau of Mineral Resources  
 Center Type: Governmental organization  
 Address: GPO Box 378, Canberra 2601, ACT, Australia  
 Telephone: 616-249-9111 INTER Telex: AA62109  
 Contact: C. L. Penney  
 Coverage: National  
 Territory: Australian and Antarctic offshore regions  
 Time Period: Begin: 1979 End: Present  
 Volume: 6,971 tapes  
 Computers: VAX 11/785  
 Output: Batch, compilation  
 Language: English  
 Availability: Open, fees

Reference: AUSL 13 Entry Number: 51

Database: Digital Terrain Model  
 Data Type: Numeric  
 Acronym: DTM  
 Data Subject: Geophysics  
 Subjects: Gridded elevation data at 6 minute intervals E-W and N-S. Model computed in September, 1983. Data also available as graphics images  
 Keywords: Models, terrains, digital data, Australia  
 Organization: Bureau of Mineral Resources  
 Center Type: Governmental organization  
 Address: GPO Box 378, Canberra 2601, ACT, Australia  
 Telephone: 616-249-9111 INTER Telex: AA62109  
 Contact: A. S. Murray  
 Coverage: National  
 Territory: Australia including Continental Shelf  
 Volume: 200,000 gridded elevations  
 Output: Batch, compilation  
 Language: English  
 Availability: Open, fees

Reference: AUSL 14 Entry Number: 52

Database: Earthquake Data File  
 Data Type: Numeric  
 Acronym: EDF

Australia (Continued)

Data Subject: Geophysics  
Subjects: Information on earthquakes in the Australasian region  
Keywords: Earthquakes, Australasia  
Organization: Bureau of Mineral Resources  
Center Type: Governmental organization  
Address: GPO Box 378, Canberra 2601, ACT, Australia  
Telephone: 616-249-9111 INTER Telex: AA62109  
Contact: G. R. Small  
Coverage: International  
Territory: Area Bounded By 75-165 Deg. E And 0-90 Deg. S.  
Computers: SUN 3  
Software: Ingres  
Output: Compilation  
Language: English  
Availability: Restricted, fees

Reference: AUSL 15                      Entry Number: 24

Database: Experts In GIS  
Data Type: Bibliographic  
Data Subject: General Geosciences, Remote Sensing  
Subjects: Aims to list experts in Australia in all fields related to geographic information systems  
Keywords: Geographic information systems, Australia  
Organization: Australian Key Centre in Land Information Studies  
Center Type: University, special schools  
Address: St. Lucia 4067, QLD, Australia  
Telephone: 07-377-4070 Telex: UNIQLD AA40315  
Contact: Kerry Lyons  
Coverage: National  
Territory: Australia  
Updates: Monthly  
Computers: NEC Powermate 1  
Software: Inmagic  
Output: Compilation  
Language: English  
Availability: Open, fees

Reference: AUSL 16                      Entry Number: 55

Database: Foreign Oceanographic Cruises Index  
Data Type: Numeric  
Data Subject: Marine Geology, Geophysics  
Subjects: All relevant foreign institute cruises in the Australian region  
Keywords: Marine surveys, geophysical surveys, offshore, Australia  
Organization: Bureau of Mineral Resources  
Center Type: Governmental organization

# Australia (Continued)

**Address:** GPO Box 378, Canberra 2601, ACT, Australia  
**Telephone:** 616-249-9111 INTER Telex: AA62109  
**Contact:** C. L. Penney  
**Coverage:** National  
**Territory:** Australian offshore area  
**Volume:** 44 records  
**Updates:** Irregular  
**Computers:** Hewlett Packard/1000  
**Software:** Special Purpose  
**Output:** Compilation  
**Language:** English  
**Availability:** Open, fees

**Reference:** AUSL 17                      **Entry Number:** 27

**Database:** Forthcoming Conferences In GIS  
**Data Type:** Bibliographic  
**Data Subject:** General Geosciences, Remote Sensing  
**Subjects:** List of all forthcoming conferences in areas related to geographic sciences  
**Keywords:** Meetings, Australia  
**Organization:** Australian Key Centre in Land Information Studies  
**Center Type:** University, special schools  
**Address:** St. Lucia 4067, QLD, Australia  
**Telephone:** 07-377-4070 Telex: UNIQLD AA40315  
**Contact:** Kerry Lyons  
**Coverage:** Local, regional, national, international  
**Time Period:** Begin: Present  
**Volume:** 200 records with approximately 500 characters per record  
**Updates:** Weekly  
**Computers:** NEC Powermate 1  
**Software:** Inmagic  
**Output:** Compilation  
**Language:** English  
**Availability:** Open, fees

**Reference:** AUSL 19                      **Entry Number:** 28

**Database:** Geophysical Well-Log Database  
**Data Type:** Numeric  
**Acronym:** JEWEL  
**Data Subject:** Geophysics, Hydrogeology, Stratigraphy  
**Subjects:** Well name, storage-tube number, map-sheet code, Australian map grid co-ordinates, log type, date, depth. Only wells logged by the Geological Survey of Western Australia are held  
**Keywords:** Well logs, Western Australia  
**Organization:** Geological Survey of Western Australia  
**Center Type:** Geological Survey  
**Address:** 100 Plain Street, Perth, 6000, Western Australia, Australia

# Australia (Continued)

Telephone: 09-222-3155 Telex: AA 95791  
 Contact: L. Kevi  
 Coverage: Regional  
 Territory: Western Australia  
 Time Period: Begin: 1962 End: Present  
 Volume: 2,892 records with 51 characters per record  
 Updates: Quarterly  
 Computers: Tektronix 4054 or IBM PC/XT  
 Software: Jewel programs written in-house for Tektronix  
 Output: Interactive, batch, compilation, reports, bulletins  
 Language: English  
 Availability: Open, fees

Reference: AUSL 20 Entry Number: 38

Database: Geoscience Bibliographic Database  
 Data Type: Bibliographic  
 Acronym: GEODX  
 Data Subject: General Geosciences  
 Subjects: References on Australian geology  
 Keywords: Geology, stratigraphy, Australia  
 Organization: Bureau of Mineral Resources  
 Center Type: Governmental organization  
 Address: GPO Box 378, Canberra 2601, ACT, Australia  
 Telephone: 616-249-9111 INTER Telex: AA62109  
 Contact: B. Allen  
 Coverage: National  
 Territory: Australia  
 Time Period: Begin: 1949 End: Present  
 Volume: 20,000 records with approximately 500 characters each  
 Updates: Daily  
 Computers: Data General MV/20000  
 Software: Oracle  
 Output: Interactive, compilation  
 Language: English  
 Availability: Open, fees

Reference: AUSL 18 Entry Number: 22

Database: GIS Bibliography  
 Data Type: Bibliographic  
 Data Subject: General Geosciences  
 Subjects: Aims to cover as many published items as are possible in geographic informationsystems/land information systems areas  
 Keywords: Geographic information systems, Australia  
 Organization: Australian Key Centre in Land Information Studies  
 Center Type: University, special schools  
 Address: St. Lucia 4067, QLD, Australia

Australia (Continued)

Telephone: 07-377-4070 Telex: UNIQLD AA 40315  
 Contact: Kerry Lyons  
 Coverage: International  
 Time Period: Begin: 1980 End: Present  
 Updates: Weekly  
 Computers: NEC Powermate 1  
 Software: Inmagic  
 Output: Compilation  
 Language: English  
 Availability: Open, fees

Reference: AUSL 21 Entry Number: 16

Database: Granite Analysis DB  
 Data Type: Numeric  
 Acronym: GRANITE  
 Data Subject: Geochemistry, Isotopes, Petrology, Igneous - Metamorphic  
 Subjects: Granite and volcanic rock whole-rock geochemical analyses; major and trace elements from published location data  
 Keywords: Batholiths, granite, Southwest Pacific Australia  
 Organization: BHP-Utah Minerals International P/L  
 Center Type: Exploration, mining  
 Address: 695 Burke Rd, Camberwell 3124, Victoria, Australia  
 Telephone: 03-813-3666 Telex: 03-813-3696  
 Contact: S. M. Bye  
 Coverage: International  
 Territory: S. W. Pacific  
 Time Period: Begin: 1983 End: 1987  
 Volume: 5,000 records with 2,000 characters per record  
 Computers: Data General MV/10000  
 Software: Oracle D.B.  
 Output: Interactive  
 Language: English  
 Availability: Restricted

Reference: AUSL 22 Entry Number: 14

Database: Gravity Database  
 Data Type: Numeric  
 Acronym: KEG  
 Data Subject: Geophysics  
 Subjects: Latitude, longitude, height, gravity observation, station number, remarks. Fees charged for machine-readable output only  
 Keywords: Gravity surveys, Western Australia  
 Organization: Geological Survey of Western Australia  
 Center Type: Geological Survey  
 Address: 100 Plain Street, Perth 6000 Western Australia, Australia  
 Telephone: 09-222-3155 Telex: AA 95791

Australia (Continued)

Contact: L. Kevi  
Coverage: Regional  
Territory: Golden Grove, Collie, Bridgetown, Kojonup  
Time Period: Begin: 1981 End: Present  
Volume: 900 records with 72 characters per record  
Updates: Quarterly  
Computers: Tektronix 4054 or IBM PC/XT  
Software: KEG programs written in-house in Tektronix Basic  
Output: Interactive, batch  
Language: English  
Availability: Open, fees

Reference: AUSL 23 Entry Number: 12

Database: Imports and Exports  
Data Type: Numeric  
Acronym: MINTRAD  
Data Subject: Metallic Mineral Resources, Non-Metallic Mineral Resources  
Subjects: Australian imports and exports of minerals and metals  
Keywords: Mineral resources, economics, global, Australia  
Organization: Bureau of Mineral Resources  
Center Type: Governmental organization  
Address: GPO Box 378, Canberra 2601, ACT, Australia  
Telephone: 616-249-9111 Telex: AA62109  
Contact: B. Elliott  
Time Period: Begin: 1981 End: Present  
Volume: 100 megabytes  
Updates: Quarterly  
Computers: Data General MV/20000  
Software: Special purpose (in-house)  
Output: Compilation  
Language: English  
Availability: Restricted

Reference: AUSL 25 Entry Number: 23

Database: Landsearch - Directory of Commonwealth Locational  
Data Type: Bibliographic  
Data Subject: Fuels, Energy Resources, General Geosciences  
Subjects: Generally, "land-related" data - population, land use, natural resources, etc. - that can be referenced to location  
Keywords: Land use, Australia  
Organization: The Commonwealth Land Information Support Group (C.L.I.S.G.)  
Center Name: The Commonwealth Land Information Support Group (C.L.I.S.G.)  
Address: PO Box 2, Belconnen A.C.T. 2616, Australia  
Telephone: 062-52-6984  
Contact: Michael Phillips, Director, C.L.I.S.G.

# Australia (Continued)

Coverage: National  
Territory: Varies from local areas, states, and all of Australia  
Volume: 1,000 records with 500 characters per record  
Updates: Continually  
Computers: CYBER - FACOM: on line version - PRIME  
Software: Fortran 77: On-Line Version, Henco 'Info'  
Output: Interactive, compilation  
Language: English  
Availability: Open, fees, network

Reference: AUSL 26                      Entry Number: 54  
Database: Magnetic Mean Hourly Values  
Data Type: Numeric  
Acronym: MHV  
Data Subject: Geophysics  
Subjects: Mean hourly values from Australian and Antarctic observatories; PNG data from PNG Geological Survey  
Keywords: Magnetic field, data, Australia, Papua New Guinea, Australia  
Organization: Bureau of Mineral Resources  
Center Type: Governmental organization  
Address: GPO Box 378, Canberra 2601, ACT, Australia  
Telephone: 616-249-9111 INTER Telex: AA 62109  
Contact: Manager - Geomagnetism  
Coverage: International  
Territory: Australia, Antarctica, Papua New Guinea  
Time Period: Begin: 1919 End: Present  
Volume: Several thousand observatory-months of data  
Computers: Hewlett Packard/1000 and Data General MV/20000  
Software: Special Purpose  
Output: Batch, compilation, reports, bulletins  
Language: English  
Availability: Open, fees

Reference: AUSL 27                      Entry Number: 57  
Database: Marine Geological Samples  
Data Type: Numeric  
Data Subject: Marine Geology  
Subjects: Geological samples, dredge, core and grab samples from "rig seismic" cruises  
Keywords: Marine geology, sampling, offshore, Australia  
Organization: Bureau of Mineral Resources  
Center Type: Governmental organization  
Address: GPO Box 378, Canberra 2601, ACT, Australia  
Telephone: 616-249-9111 INTER Telex: AA62109  
Contact: C. L. Penney  
Coverage: National  
Territory: Australian offshore area  
Time Period: Begin: 1981 End: Present



Australia (Continued)

Computers: Hewlett Packard/1000  
Software: Special Purpose  
Language: English  
Availability: Restricted

Reference: AUSL 28                      Entry Number: 49

Database: Mineral Deposits Database  
Data Type: Numeric  
Acronym: MINDEP  
Data Subject: Metallic Mineral Resources  
Subjects: Location, geology, commodities, production, resources, and bibliographic references of mineral resources  
Keywords: Mineral resources, reserves, resources, economics, production, Australia  
Organization: Bureau of Mineral Resources  
Center Type: Governmental organization  
Address: GPO Box 378, Canberra 2601, ACT, Australia  
Telephone: 616-249-9111 INTER Telex: AA62109  
Contact: B. Elliott, R. Lorenz  
Coverage: National  
Time Period: Begin: Variable End: Present  
Volume: 80 records (deposits) with approximately 5,000 char. per record  
Updates: Irregular  
Computers: Data General MV/20000  
Software: Oracle  
Output: Interactive, microforms  
Language: English  
Availability: Open, fees

Reference: AUSL 29                      Entry Number: 32

Database: Mineral Resources Database  
Data Type: Numeric  
Acronym: MININFORM  
Data Subject: Metallic Mineral Resources, Non-Metallic Mineral Resources  
Subjects: Commodity, deposit name, owners, map-sheet code, locality, category, type, reserve/resource, mineral, grade, production, forecast production, costs, comments  
Keywords: Mineral resources, reserves, Western Australia  
Organization: Geological Survey of Western Australia  
Center Type: Geological Survey  
Address: 100 Plain Street, Perth, 6000 Western Australia, Australia  
Telephone: 09-222-3328 Telex: AA 95791  
Contact: W. A. Preston  
Coverage: Regional  
Territory: Western Australia  
Volume: 1,000 records with 2,400 characters per record  
Updates: Daily

Australia (Continued)

Computers: IBM PC/XT  
Software: Miniform programs written in-house in PC-Focus  
Output: Interactive, compilation, reports, bulletins  
Language: English  
Availability: Restricted

Reference: AUSL 30                      Entry Number: 59

Database: Minex Geological Database  
Data Type: Numeric  
Acronym: MINEX  
Data Subject: Fuels and Energy Resources  
Subjects: Coal drill hole lithology and analytical data  
Keywords: Coal, drilling, boreholes, coal fields, lithology, coal seams, carboniferous, Queensland, Australia  
Organization: Brisbane Computer Services of Mim Holdings Ltd  
Center Name: Brisbane Computer Services of Mim Holdings Ltd  
Center Type: Private company  
Address: 160 Ann Street, G.P.O. Box 1433, Brisbane Q 4001, Queensland, Australia  
Telephone: 2281279    Telex: 40160 AA  
Contact: R. Eggins  
Coverage: Regional, local  
Territory: Queensland And Other States Of The Commonwealth Of Australia  
Time Period: Begin: 1970    End: Present  
Volume: 3,000 records with approximately 30,000 bytes per record  
Updates: Weekly  
Computers: Sperry 1100/91  
Software: RDMS-UNOSYS plus in house Fortran programs  
Output: Online, microforms, compilations  
Language: English  
Availability: Restricted, fees, network

Reference: AUSL 31                      Entry Number: 17

Database: Minfinder/Corefinders  
Data Type: Bibliographic  
Acronym: MINFINDER/COREFINDER  
Data Subject: General Geosciences  
Subjects: Unpublished geological surveys, unpublished petroleum surveys, unpublished mine records, unpublished annual reports, Department of Resources publications, non-departmental publications. MINFINDER: exploration reports; COREFINDER: bore core locations  
Keywords: Mineral resources, areal geology, New South Wales, Australia  
Organization: New South Wales Department of Mineral Resources  
Center Name: As above - Level 23 Legal and General House, Sydney  
Center Type: Governmental organization  
Address: 8-18 Bent St, Sydney 2000, New South Wales, Australia  
Telephone: 02-240-4537    Telex: AA 74875

# Australia (Continued)

Contact: John Leers, Naomi Donnolley  
 Coverage: Local, regional  
 Territory: New South Wales  
 Time Period: Begin: 1900'S End: Present  
 Volume: 12,000 publications  
 Updates: Monthly  
 Computers: IBM Mainframe 4381  
 Software: Status  
 Output: Interactive, compilation  
 Language: English  
 Availability: Open, fees, network

Reference: AUSL 32 Entry Number: 44

Database: Palaeomagnetic Measurements  
 Data Type: Numeric  
 Acronym: PALMAG/PALARC  
 Data Subject: Geophysics  
 Subjects: Paleomagnetic data from current studies  
 Keywords: Paleomagnetism, Papua New Guinea, Antarctica, Indonesia, Australia  
 Organization: Bureau of Mineral Resources  
 Center Type: Governmental organization  
 Address: GPO Box 378, Canberra 2601, ACT, Australia  
 Telephone: 616-249-9111 INTER Telex: AA62109  
 Contact: J. Giddings  
 Coverage: International  
 Territory: Australia, Antarctica, Papua New Guinea, Indonesia  
 Time Period: Begin: 1978 End: Present  
 Volume: 40 megabytes  
 Updates: Irregular  
 Computers: Hewlett Packard/1000  
 Software: Special Purpose  
 Output: Compilation  
 Language: English  
 Availability: Restricted

Reference: AUSL 33 Entry Number: 58

Database: Permits  
 Data Type: Numeric  
 Acronym: PERMITS  
 Data Subject: Fuels and Energy Resources  
 Subjects: Petroleum permits in current usage  
 Keywords: Petroleum, exploration, permits, Australia  
 Organization: Bureau Of Mineral Resources  
 Center Type: Governmental organization  
 Address: GPO Box 378, Canberra 2601, ACT, Australia  
 Telephone: 616-249-9111 INTER Telex: AA62109  
 Contact: R. De Nardi

# Australia (Continued)

Coverage: National  
Territory: Australia  
Computers: Data General MV/20000  
Software: Oracle  
Output: Interactive, compilation  
Language: English  
Availability: Restricted

Reference: AUSL 34                      Entry Number: 34

Database: Petroleum Exploration Data Index  
Data Type: Numeric  
Acronym: PEDIN  
Data Subject: Fuels and Energy Resources  
Subjects: Petroleum exploration and development data - drilling and geophysical surveys  
Keywords: Petroleum, exploration, geophysical surveys, oil fields, Australia  
Organization: Bureau of Mineral Resources  
Center Type: Governmental organization  
Address: GPO Box 378, Canberra 2601, ACT, Australia  
Telephone: 616-249-9111 INTER Telex: AA62109  
Contact: S. Radke  
Coverage: National  
Territory: Australia (Some Papua New Guinea Data)  
Time Period: Begin: 1900 End: Present  
Volume: 7,000 records of several thousand records each  
Updates: Irregular  
Computers: Data General MV/20000  
Software: Oracle  
Output: Interactive, compilation  
Language: English  
Availability: Restricted

Reference: AUSL 35                      Entry Number: 53

Database: Petroleum Source Rock Database  
Data Type: Numeric  
Acronym: WLDAT  
Data Subject: Fuels and Energy Resources  
Subjects: Organic geochemistry data on petroleum source rocks  
Keywords: Petroleum, resources, sedimentary rocks, Papua New, Guinea, Australia  
Organization: Bureau of Mineral Resources  
Center Type: Governmental organization  
Address: GPO Box 378, Canberra 2601, ACT, Australia  
Telephone: 616-249-9111 Telex: AA62109  
Contact: S. Radke  
Coverage: National  
Territory: Australia and Papua New Guinea  
Time Period: Begin: 1974 End: Present

# Australia (Continued)

Volume: 12,500 records  
 Updates: Irregular  
 Computers: Data General MV/20000  
 Software: Oracle  
 Output: Interactive, microforms  
 Language: English  
 Availability: Open, fees

Reference: AUSL 36 Entry Number: 40

Database: Precambrian Igneous Geochemistry  
 Data Type: Numeric  
 Data Subject: Geochemistry, Isotopes  
 Subjects: Rock and mineral analyses from Precambrian igneous rocks  
 Keywords: Geochemistry, igneous rocks, chemical analysis, Proterozoic Australia  
 Organization: Bureau of Mineral Resources  
 Center Type: Governmental organization  
 Address: GPO Box 378, Canberra 2601, ACT, Australia  
 Telephone: 616-249-9111 INTER Telex: AA62109  
 Contact: A. Glikson  
 Coverage: International  
 Territory: Central and Western Australia, Africa, Canada, Finland  
 Volume: 2,970 sets of analyses  
 Computers: Hewlett Packard/9825A  
 Software: Special Purpose  
 Output: Compilation  
 Language: English  
 Availability: Restricted

Reference: AUSL 37 Entry Number: 36

Database: Processed BMR Marine Survey Geophysical Data  
 Data Type: Numeric  
 Data Subject: Geophysics  
 Subjects: Processed magnetic, gravity, seismic, navigational, and bathymetric data  
 Keywords: Marine surveys, offshore, geophysical surveys, bathymetry, Australia  
 Organization: Bureau of Mineral Resources  
 Center Type: Governmental organization  
 Address: GPO Box 378, Canberra 2601, ACT, Australia  
 Telephone: 616-249-9111 INTER Telex: AA62109  
 Contact: C. L. Penney  
 Coverage: National  
 Territory: Australian Offshore Region  
 Time Period: Begin: 1965 End: Present  
 Volume: 69 tapes  
 Updates: Irregular  
 Computers: Hewlett Packard/1000  
 Software: Special Purpose (In-House)

# Australia (Continued)

Output: Compilation  
Language: English  
Availability: Open, fees

Reference: AUSL 38 Entry Number: 47

Database: Processed Digital Seismic Tapes  
Data Type: Numeric  
Data Subject: Geophysics  
Subjects: Processed digital seismic surveys  
Keywords: Seismic surveys, data, data processing, Australia  
Organization: Bureau of Mineral Resources  
Center Type: Governmental organization  
Address: GPO Box 378, Canberra 2601, ACT, Australia  
Telephone: 616-249-9111 INTER Telex: AA62109  
Contact: C. L. Penney  
Coverage: National  
Territory: Australian offshore region  
Time Period: Begin: 1981 End: Present  
Volume: 568 tapes  
Computers: VAX 11/785  
Output: Batch, compilation  
Language: English  
Availability: Open, fees

Reference: AUSL 39 Entry Number: 56

Database: Processed Foreign Institute Marine Survey Geophysical Data  
Data Type: Bibliographic  
Data Subject: Geophysics  
Subjects: Processed magnetic, gravity, navigational and bathymetric data from surveys by foreign institutes  
Keywords: Marine surveys, geophysical surveys, bathymetry, offshore, Australia  
Organization: Bureau of Mineral Resources  
Center Type: Governmental organization  
Address: GPO Box 378, Canberra 2601, ACT, Australia  
Telephone: 616-249-9111 INTER Telex: AA62109  
Contact: C. L. Penney  
Coverage: National  
Territory: Australian offshore area  
Computers: Hewlett Packard/1000  
Software: Special Purpose  
Output: Batch  
Language: English  
Availability: Restricted

Australia (Continued)

Reference: AUSL 40 Entry Number: 46

Database: Processed Seismic Sections  
 Data Type: Numeric  
 Data Subject: Geophysics  
 Subjects: Intermediate and final processed stacked and migrated seismic sections from data collected on BMR marine geophysical surveys  
 Keywords: Geophysical surveys, seismic surveys, continental margin, Antarctica, offshore, Australia  
 Organization: Bureau of Mineral Resources  
 Center Type: Governmental organization  
 Address: GPO Box 378, Canberra 2601, ACT, Australia  
 Telephone: 616-249-9111 Telex: AA62109  
 Contact: C. L. Penney  
 Coverage: National  
 Territory: Australian and Antarctic offshore regions  
 Time Period: Begin: 1970 End: Present  
 Computers: Hewlett Packard/1000  
 Software: Special Purpose  
 Output: Compilation  
 Language: English  
 Availability: Open, fees

Reference: AUSL 41 Entry Number: 20

Database: Queensland Digital Cadastral Database  
 Data Type: Numeric, bibliographic  
 Acronym: DCDB  
 Data Subject: General Geosciences  
 Subjects: The Database comprises spatial and attribute data pertaining to the state cadastre  
 Keywords: Land use, Queensland, Australia  
 Organization: Department of Geographic Information (QLD)  
 Center Name: Sunmap Centre  
 Center Type: Governmental organization  
 Address: Woolloongabba, PO Box 40, Brisbane, 4102, Queensland, Australia  
 Telephone: 07-896-3152 Telex: SURVAL AA40205  
 Contact: Des V. Diggles  
 Coverage: Regional  
 Territory: Land Information Coverage of the State of Queensland  
 Time Period: Begin: 1983 End: Present  
 Volume: 780,000 records with 830 characters per record  
 Updates: Continually  
 Computers: DEC and PRIME  
 Software: DGS for spatial manipulation (Prime), RDB  
 Output: Interactive, batch, compilation  
 Availability: Open, restricted, fees, network

# Australia (Continued)

Reference: AUSL 42 Entry Number: 50

Database: Regional Magnetic Data  
 Data Type: Numeric  
 Acronym: RGMAG  
 Data Subject: Geophysics  
 Subjects: First order magnetic survey and Australian region observatory data  
 Keywords: Magnetic surveys, magnetic field, Australia, Papua New Guinea Australia  
 Organization: Bureau of Mineral Resources  
 Center Type: Governmental organization  
 Address: GPO Box 378, Canberra 2601, ACT, Australia  
 Telephone: 616-249-9111 INTER Telex: AA62109  
 Contact: Manager - Geomagnetism  
 Coverage: International  
 Territory: Australia and Papua New Guinea  
 Time Period: Begin: 1902 End: Present  
 Volume: 3,000 records  
 Computers: Hewlett Packard/1000  
 Software: Special Purpose  
 Output: Compilation  
 Language: English  
 Availability: Restricted

Reference: AUSL 43 Entry Number: 26

Database: Research in Progress  
 Data Type: Bibliographic  
 Acronym: RIP  
 Subjects: Details are held of research and development activities in disciplines aligned to the surveying and mapping industry  
 Keywords: Research, Queensland, Australia  
 Organization: Australian Key Centre in Land Information Studies  
 Center Type: University, special schools  
 Address: University of Queensland, St Lucia 4067, Queensland, Australia  
 Telephone: 377-4070 Telex: INIQLD AA40315  
 Contact: Peter Horler  
 Coverage: Regional  
 Territory: Queensland  
 Time Period: Beginn: Present  
 Volume: 54 records with approximately 750 characters per record  
 Updates: Monthly  
 Computers: APC IV Power MJE 1  
 Software: Inmagic (Commercial)  
 Output: Interactive, compilation  
 Language: English  
 Availability: Open, fees



# Australia (Continued)

Reference: AUSL 44 Entry Number: 30

Database: Rock And Mineral Database  
 Data Type: Numeric  
 Data Subject: Petrology; Igneous - Metamorphic, Stratigraphy  
 Subjects: Sample number, map-sheet code, Australian map-grid co-ordinates, latitude, longitude, rock name, petrology, mineralogy, stratigraphy  
 Keywords: Petrology, rocks, minerals, Western Australia  
 Organization: Geological Survey of Western Australia  
 Center Type: Geological Survey  
 Address: 100 Plain St., Perth, 6000, Western Australia, Australia  
 Telephone: 09-222-3157 Telex: AA 95791  
 Contact: W. G. Libby  
 Coverage: Regionall  
 Territory: Western Australia  
 Time Period: Begin: 1900 End: Present  
 Updates: Annually  
 Computers: IBM 4381 Model P13 (upgrading to Q14 in June 1988)  
 Software: Rock and mineral database programs written in-house  
 Output: Interactive, microforms, compilation  
 Language: English  
 Availability: Restricted

Reference: AUSL 45 Entry Number: 11

Database: Rock Property Database for the Lachlan Fold Belt, NSW  
 Data Type: Numeric  
 Acronym: LFB  
 Data Subject: Regional Geology, Mapping Geology, Petrology; Igneous-Meta  
 Subjects: Locality geology, spot measurements of magnetic susceptibility and gamma radiation, thin section descriptions  
 Keywords: Magnetic properties, gamma-ray spectra, rock properties, Lachlan Fold Belt, New South Wales, Australia  
 Organization: Bureau of Mineral Resources  
 Center Type: Governmental organization  
 Address: GPO Box 378, Canberra 2601, ACT, Australia  
 Telephone: 616-249-9111 Telex: AA62109  
 Contact: A.N. Yeates  
 Coverage: Regional  
 Territory: Lachlan Fold Belt of New South Wales  
 Time Period: Begin: 1979 End: 1983  
 Volume: 979 records of approximately 500 characters each  
 Computers: Hewlett Packard/1000  
 Software: Hewlett Packard/Image  
 Output: Microforms, reports, bulletins  
 Language: English  
 Availability: Open, fees

# Australia (Continued)

Reference: AUSL 46 Entry Number: 7

Database: Spectral Properties of Australian Terrain  
 Data Type: Numeric  
 Data Subject: Remote Sensing  
 Subjects: Computer-based library of reflectance spectra of natural materials. These include minerals, rocks, and soils, also vegetation types. One of the most comprehensive spectral libraries of its type in the world  
 Keywords: Remote sensing, reflectance spectra, Australia  
 Organization: Csiro Division of Mineral Physics and Mineralogy  
 Center Type: Regional institution  
 Address: Delhi Road, PO Box 136, North Ryde, NSW 2113, Australia  
 Telephone: 2-887-8666 Telex: AA25817  
 Contact: Dr. Jon F. Huntington  
 Coverage: National data  
 Territory: Australia  
 Time Period: Begin: Appr. 1980 End: Present  
 Volume: At least 1,000 records  
 Updates: Probably weekly  
 Computers: IBM compatible device  
 Output: Batch, compilation  
 Availability: Open, fees

Reference: AUSL 47 Entry Number: 15

Database: State Water Resources Information System  
 Data Type: Numeric  
 Acronym: SWRIS  
 Data Subject: Hydrogeology, Stratigraphy  
 Subjects: Ground water resources and results of drilling, including stratigraphy  
 Keywords: Ground water, hydrochemistry, boreholes, Western Australia  
 Organization: Water Authority of Western Australia  
 Center Type: Governmental organization  
 Address: PO Box 100, Leederville, 6007, Western Australia, Australia  
 Telephone: 09-420-2969 Telex: AA 95140  
 Contact: Paul Rosair  
 Coverage: Regional  
 Territory: Western Australia  
 Updates: Daily  
 Computers: FACOM 380 S - converting to IBM 3090  
 Software: SWRIS programs written in-house in Fortran  
 Output: Interactive, compilation  
 Language: English  
 Availability: Restricted, fees

# Australia (Continued)

Reference: AUSL 48 Entry Number: 8

Database: Streamline  
 Data Type: Bibliographic  
 Acronym: WATR  
 Data Subject: Hydrogeology, Geomorphology Quatern., Environmental Geology Subjects: Streamline is a national computerized database covering all aspects of water and wastewater information produced by Australians, or about Australia. Subjects covered include atmospheric, hydrologic and hydraulic processes; aquatic environments; soil erosion, conservation and salinity; water quality and pollution; water use; wastes and wastewater; water administration and law; and water resources development and management. Streamline contains comprehensive records covering material produced from 1982 onwards, with selective retrospective entries covering material from pre-1982 including some early titles

Keywords: Wastewater, ground water, water resources, Australia  
 Organization: Streamline Coordination Unit  
 Center Name: Department of Primary Industries and Energy  
 Center Type: Governmental organization  
 Address: PO Box 858, Canberra A-C-T 2601, Australia  
 Telephone: 062-72-3933 Telex: 62188  
 Contact: Sally Cameron-Stephen  
 Coverage: National data  
 Territory: Australia - all states  
 Volume: 11,000 records (includes around 1,000 research entries)  
 Updates: 9 times/year  
 Computers: Host System: FACOM M380 In-house Systems: IBM-AT  
 Software: Host System: Stairs In-house Systems: Oracle RDMS  
 Output: Interactive, compilation, reports, bulletins  
 Language: English  
 Availability: restricted, fees, network

Reference: AUSL 49 Entry Number: 21

Database: TFS Exploration Project Database  
 Data Type: Numeric Bibliographic  
 Acronym: ELINDEX  
 Data Subject: Metallic Mineral Resources  
 Subjects: The database covers operational reports on corporate exploration program as submitted to the State Department of Mines. The main address is the Exploration License No. and attributes include: geographic boundaries, elements, geology, exploration methods, etc

Keywords: Metal ores, Australia  
 Organization: Technical and Field Surveys Party, Ltd  
 Center Type: Private company  
 Address: PO Box 722, Crows Nest, 2065, N.S.W., Australia  
 Telephone: 02-438-3700 Telex: 10723042  
 Contact: Michael C. Aubrey  
 Coverage: National  
 Territory: Australia (and some Oceania)

# Australia (Continued)

Time Period: Begin: 1953 End: Present  
 Volume: 20,000 records with 240 characters (coded) per record  
 Updates: Monthly  
 Computers: Data General S350 and PC  
 Software: Proprietary (in-house developed)  
 Output: Interactive, compilation  
 Language: English  
 Availability: Restricted, fees

Reference: AUSL 50 Entry Number: 19

Database: TFS Mineral Occurrence Database  
 Data Type: Numeric  
 Acronym: MINESDAT  
 Data Subject: Metallic mineral resources, Fuels, Energy resources  
 Subjects: The database covers deposits and occurrences of economic minerals and hydrocarbons obtained from published and unpublished sources. The principle address is a geographic coordinate and attributes include size; size, age, stratigraphy, lithology, and orientation  
 Keywords: Mineral resources, geographic information systems, Australia  
 Organization: Technical and Field Surveys Party, Ltd  
 Center Type: Private company  
 Address: PO Box 722, Crows Nest, 2065, N.S.W., Australia  
 Telephone: 02-438-3700 Telex: 10723042  
 Contact: Michael C. Aubrey  
 Coverage: National  
 Territory: Australia (and some Oceania)  
 Volume: 37,000 records with 162 characters (coded) per record  
 Updates: Monthly  
 Computers: Data General S350 + PCS  
 Software: Proprietary (in-house developed)  
 Output: Interactive, compilation  
 Language: English  
 Availability: Restricted, fees

Reference: AUSL 51 Entry Number: 39

Database: Volcano Bibliography  
 Data Type: Bibliographic  
 Acronym: VLBIB  
 Data Subject: Petrology; Igneous Metamorphic, Geochemistry  
 Subjects: Pre-1945 Papua New Guinea volcanism; East Australia volcanism, current worldwide physical volcanology research  
 Keywords: Volcanic rocks, volcanology, cenozoic, global, Australia  
 Organization: Bureau of Mineral Resources  
 Center Type: Governmental organization

Australia (Continued)

Address: GPO Box 378, Canberra 2601, ACT, Australia  
Telephone: 616-249-9111 INTER Telex: AA62109  
Contact: W. D. Palfreyman  
Coverage: International  
Volume: 3,000 records of approximately 200 characters each  
Updates: Irregular  
Computers: Hewlett Packard/1000  
Software: Hewlett Packard/IMAGE  
Output: Microforms  
Language: English  
Availability: Open, fees

Reference: AUSL 52 Entry Number: 41

Database: Wells Drilled For Petroleum In Australia  
Data Type: Numeric  
Acronym: AUSTNFW  
Data Subject: Fuels and Energy Resources  
Subjects: Data on new field wildcats. Linked to PEDIN database (see Petroleum Exploration Data Index)  
Keywords: Petroleum, drilling, wells, exploration, Australia  
Organization: Bureau of Mineral Resources  
Center Type: Governmental organization  
Address: GPO Box 378, Canberra 2601, ACT, Australia  
Telephone: 616-249-9111 INTER Telex: AA62109  
Contact: D. J. Forman  
Coverage: National  
Territory: Australia  
Time Period: Begin: 1905 End: Present  
Computers: Data General MV/20000  
Software: Oracle  
Output: Batch, microforms  
Language: English  
Availability: Open, fees

Reference: AUSL 53 Entry Number: 31

Database: Western Australian Mineral Exploration Database  
Data Type: Bibliographic  
Acronym: WAMEX  
Data Subject: Metallic Mineral Resources, Non - Metallic Mineral Resources  
Subjects: Index to reports submitted by mineral-exploration companies  
Keywords: Mineral exploration, Western Australia  
Organization: Geological Survey of Western Australia  
Center Type: Geological Survey  
Address: 100 Plain Street, Perth, 6000, Western Australia, Australia  
Telephone: 09-222-3173 Telex: AA 95791

# Australia (Continued)

**Contact:** J. M. Pagel  
**Coverage:** Regional  
**Territory:** Western Australia  
**Time Period:** Begin: 1970 End: Present  
**Volume:** 40,000 records with 650 characters per record  
**Updates:** Daily  
**Computers:** IBM 4381 MODEL P13 (upgrading to Q14 in June 1988)  
**Software:** Wamex programs written in-house in CICS/Cobol  
**Output:** Interactive, microforms  
**Language:** English  
**Availability:** Open, restricted, fees

**Reference:** AUSL 54                      **Entry Number:** 13

**Database:** Western Australian Petroleum Exploration Database  
**Data Type:** Bibliographic  
**Acronym:** WAPEX  
**Data Subject:** Fuels, Energy Resources, Stratigraphy, Geophysics  
**Subjects:** Index to information submitted by petroleum and exploration companies  
**Keywords:** Petroleum, exploration, stratigraphy, geophysical surveys, Western Australia  
**Organization:** Geological Survey of Western Australia  
**Center Type:** Geological Survey  
**Address:** 100 Plain Street, Perth, 6000, Western Australia, Australia  
**Telephone:** 09-223-3214 Telex: AA 95791  
**Contact:** R. P. Lasky  
**Coverage:** Regional  
**Territory:** Western Australia - onshore and offshore  
**Time Period:** Begin: 1906 End: Present  
**Volume:** 500 records with approximately 6,000 characters per record  
**Updates:** Daily  
**Computers:** IBM 4381 Model P13 (upgrading to Q14 in June 1988)  
**Software:** WAPEX programs written in-house in CICS/Cobol  
**Output:** Interactive, microforms  
**Language:** English  
**Availability:** Open, restricted, fees

**Reference:** AUSL 55                      **Entry Number:** 5

**Database:** Whole Rock Geochemistry  
**Data Type:** Numeric  
**Acronym:** BMRGEOCHEM  
**Data Subject:** Geochemistry, Isotopes  
**Subjects:** Major and trace element geochemistry of mostly rock samples from Australia, Antarctica, and PNG; some petrological and geophysical data  
**Keywords:** Igneous rocks, geochemistry, trace elements, Antarctica, Papua New Guinea, Australia  
**Organization:** Bureau of Mineral Resources  
**Center Type:** Governmental organization

**Australia (Continued)**

**Address:** GPO Box 378, Canberra 2601, ACT, Australia  
**Telephone:** 616-249-9111 inter telex aa62109  
**Contact:** L. Wyborn  
**Coverage:** International data  
**Territory:** Australia, Antarctica, Papua New Guinea  
**Time Period:** Begin: 1965 End: Present  
**Volume:** 10,000 sets of analyses  
**Computers:** Data General MV/20000  
**Software:** Oracle  
**Output:** Interactive, batch, microforms, compilation  
**Language:** English  
**Availability:** Restricted

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***Austria***

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**Reference:** AUST 1                      Entry Number: 65

**Database:** Bibliography of Austrian Geoscientific Literature  
**Data Type:** Bibliographic  
**Acronym:** GEOLIT  
**Data Subject:** General Geosciences  
**Subjects:** Geoscientific and geotechnical literature of Austria. Literature of Austrian geologists from abroad  
**Keywords:** Areal geology, geology, Austria  
**Organization:** Geologische Bundesanstalt  
**Center Name:** Geological Survey Of Austria  
**Center Type:** Geological Survey  
**Address:** Rasumofskygasse 23, A-1031, Vienna, Austria  
**Telephone:** 022-272-5674  
**Contact:** Cernajsek, T.  
**Coverage:** Regional  
**Territory:** Austria  
**Time Period:** Begin: 1987 End: Present  
**Volume:** 8,000 records with approx. 1,000 characters per record  
**Updates:** Currently  
**Computers:** DEC PDP 11/34, CYBER 930  
**Software:** Mumps (Commercial)  
**Output:** Online, bulletin  
**Language:** German  
**Availability:** Open, free

**Reference:** AUST 5

**Database:** Content of Geological Maps of Austria  
**Data Type:** GEOMAP  
**Acronym:** GEOMAP  
**Data Subject:** General geosciences  
**Subjects:** GIS of Geological maps in various scales (1:5000 to 1:200000)

Austria (Continued)

Keywords: GIS, geological maps, Austria  
Organization: Geologische Bundesanstalt  
Center Name: Geological Survey of Austria  
Center Type: Geological survey  
Address: Geologische Bundesanstalt, Rasumofskygasse 23, A-1031 Wien, Austria  
Telephone: 712-56-7337  
Contact: Dr. Udo Strauss, Dr. Gunther Pascher  
Coverage: National data  
Territory: Republic of Austria  
Time Period: Begin: 1990 End: Present  
Volume: 500 Mb  
Updates: Daily  
Computers: Hewlett Packard 9000/730s  
Software: ARC/INFO 6.1  
Output: Online search, printed data compilations  
Language: German  
Availability: Restricted

Reference: AUST 2 Entry Number: 64

Database: Documentary System of Geological Maps  
Data Type: Bibliographic  
Acronym: GEOKART  
Data Subject: General Geosciences  
Subjects: All geological maps since the year 1800  
Keywords: Map documentart geoscience, geotechnic, geophysics, petrologie, hydrogeology, pedology, Austria  
Organization: Geological Survey  
Center Name: Geological Survey of Austria  
Center Type: Geological Survey  
Address: Geologische Bundesanstalt, Rasumofskygasse 23, 1031 Wien, Austria  
Telephone: 712-56-7436 Telex 13-29-27 Fax: 712-56-74-56  
Contact: Dr. Froud Haydari  
Coverage: National  
Territory: Republic of Austria  
Volume: 14,500 records with approx. 1,000 characters per record  
Updates: Daily  
Computers: CYBER 930-31  
Software: Basis plus (commercial)  
Output: Online, compilations  
Language: German  
Availability: Open, fees

Reference: AUST 3 Entry Number: 61

Database: Engineering Geology Reports Database



# Austria (Continued)

**Data Type:** Bibliographic  
**Acronym:** IDDB  
**Data Subject:** Engineering Geology  
**Subjects:** A brief summary and library reference for geological documents managed by a query and retrieve system  
**Keywords:** Enginnering geology, Austria  
**Organization:** Amt der Niederoesterr Landesregierung  
**Center Name:** Governmental Office of Lower Austria  
**Center Type:** Governmental organization  
**Address:** Operngasse 21,P.O.Box 6, A-1014, Vienna, Austria  
**Telephone:** 0222-58888-2283  
**Contact:** Pernerstorfer, M.  
**Coverage:** Regional  
**Territory:** Lower Austria  
**Time Period:** Begin: 1940 End: Present  
**Volume:** 2,079 records (800-1,000 characters per record)  
**Updates:** Daily  
**Computers:** IBM 3090  
**Software:** Stairs/VS  
**Output:** Online  
**Language:** German  
**Availability:** Restricted

**Reference:** AUST 6

**Database:** GEOOBJEKT  
**Data Type:** Numeric Bibliographic  
**Acronym:** GEOOBJEKT  
**Data Subject:** General geosciences  
**Subjects:** Spatial data of any kind, mainly a sampling and analysis documentation. Database includes aerogeophysics, geochemistry, geology  
**Keywords:** Spatial data documentation, Austria  
**Organization:** Geologische Bundesanstalt  
**Center Name:** Geological Survey of Austria  
**Center Type:** Geological survey  
**Address:** Geologische Bundesanstalt, Rasumofskygasse 23, A-1031 Niew, Austria  
**Telephone:** 712-56-7437  
**Contact:** Dr. Udo Strauss  
**Coverage:** National and international data  
**Territory:** Republic of Austria, historic data  
**Time Period:** Begin: 1985 End: Present  
**Volume:** 200 Mb  
**Updates:** Daily  
**Computers:** Cyber 9 30-31  
**Software:** Basis plus and in-house  
**Output:** Online search, printed data compilations  
**Language:** German  
**Availability:** Restricted

# Austria (Continued)

Reference: AUST 4 Entry Number: 60

Database: Mineral Resources Research  
 Data Type: Numeric Bibliographic  
 Data Subject: Geochemistry, Isotopes  
 Subjects: Different thematic databases (geochemistry, aerogeophysics, geology, tectonics, geography, etc.) are organized within a geographic information system  
 Keywords: Geochemistry, isotopes, anomalies, exploration, Styria, Austria  
 Organization: Montanuniversitat Leoben Rohstofforschung  
 Center Name: Montanuniversitat Leoben - Mineral Resources Research  
 Address: Roseggerstrasse 15, A-8700, Leoben, Austria  
 Telephone: 038-424-3053-14  
 Contact: Wolfbauer, J.  
 Territory: Styria  
 Time Period: Begin: 1981 End: Present  
 Volume: 4 Gigabytes  
 Computers: DEC VAX 8350  
 Software: Arc/Info, Uniras, Grasp, DSM  
 Output: Online, batch, compilations, periodical  
 Language: English, German  
 Availability: Restricted

## **Belgium**

Reference: BELG 1

Database: African Bibliography  
 Data Type: Bibliography  
 Acronym: AFRICA  
 Data Subject: General geosciences  
 Subjects: Database contains bibliographies on African geology  
 Keywords: Geology, Africa, Belgium  
 Organization: Department Geologie Koninklyk Museum voor Midden-Afrika  
 Center Name: Geological Department of Royal Museum for Central Africa  
 Center Type: Research institute  
 Address: Steenweg op Leuven 13, 3080 TERVUREN, Belgium  
 Telephone: 2-767-5401 FAX: 2-767 0242 Telex No. 27048 Bugeo  
 Contact: M. Fernandez  
 Coverage: International data  
 Territory: Africa  
 Volume: 38,000 records with approximately 300 characters per record  
 Updates: Quarterly  
 Computers: IBM 3090 (will be moved to IBM PS2/80 network)  
 Software: AQUARIUS  
 Output: Interactive, batch, printed data compilations  
 Language: French, English  
 Availability: Open to all users, free of charge

# Belgium (Continued)

Reference: BELG 2

Database: Field Database

Data Type: Numeric & partly bibliogr

Acronym: FIELD

Data Subject: Regional geology-Mapping geology

Subjects: Field observations and data from various types of geoscience and mineral deposits and occurrences mapping

Keywords: Mapping, geological structure survey, mineral occurrence, lithology, belgium

Organization: Department Geologie Koninklyk Museum voor Midden-Afrika

Center Name: Geological Department of Royal Museum for Central Africa

Center Type: Research institute

Address: Steenweg op Leuven 13, 3080 TERVUREN, Belguim

Telephone: 2-767-5401 FAX 2-767 0242 Telex No. 27048 Bugeo

Contact: M. Fernandez

Coverage: Regional and international data

Territory: Central Africa

Time Period: Begin: 1975 End: Present

Volume: 300,000 records

Updates: Irregularly

Computers: IMB/PC 2/80 (network)

Software: CDS/ISIS

Output: Interactive, printed data compilations

Language: French

Availability: Open to all users, free of charge

Reference: BELG 3 Entry Number: 72

Database: General Information on the Belgian Geological Survey

Data Type: Numeric Bibliographic

Data Subject: Regional Geology, Mapping Geology

Subjects: Generated geological information: boreholes, outcrops, aquifers

Keywords: Mineral resources, outcrops, aquifers, Belgium

Organization: Belgische Geologische Dienst

Center Name: Belgian Geological Survey

Center Type: Geological Survey

Address: Jennerstreet 13, B-1040, Brussels, Belgium

Telephone: 02-647-6400

Contact: H. Goethals

Coverage: National

Territory: Belgium

Time Period: Begin: 1987 End: 1992

Volume: 1-2 Gigabytes

Updates: Monthly

Computers: IBM 3090

Software: Basis-Plus

Output: Online, batch

Language: Dutch

Availability: Restricted

# Belgium (Continued)

Reference: BELG 4 Entry Number: 66

Database: Geological Information System of Belgian Geological Survey  
 Data Type: Numeric  
 Acronym: GIBS-PIEZOMETRIC D.  
 Data Subject: Hydrogeology  
 Subjects: Piezometric data of about 1,000 observation wells covering up to a 20 year period  
 Keywords: Hydrogeology, Belgium  
 Organization: Belgische Geologische Dienst  
 Center Name: Belgian Geological Survey  
 Center Type: Geological Survey  
 Address: Jennerstreet 13, B-1040, Brussels, Belgium  
 Telephone: 02-647-6400  
 Contact: H. Goethals  
 Coverage: National  
 Territory: Belgium  
 Time Period: Begin: 1987 End: Present  
 Volume: 7 megabytes  
 Updates: Annually  
 Computers: IBM 3090  
 Software: SAS, + Special  
 Output: Online, batch  
 Language: Dutch  
 Availability: Restricted

Reference: BELG 5 Entry Number: 67

Database: Geological Information System of Belgian Geological Survey  
 Data Type: Numeric  
 Acronym: GIBS (WATERZ)  
 Data Subject: Hydrogeology  
 Subjects: Administrative data concerning water users  
 Keywords: Water management, catchments, Belgium  
 Organization: Belgische Geologische Dienst  
 Center Name: Belgian Geological Survey  
 Center Type: Geological Survey  
 Address: Jennerstreet 13, B-1040, Brussels, Belgium  
 Telephone: 02-647-6400  
 Contact: H. Goethals  
 Coverage: National  
 Territory: Belgium  
 Time Period: Begin: 1987 End: Present  
 Volume: 10 Megabytes  
 Updates: Annually  
 Computers: IBM 3090  
 Software: SAS,+ Special  
 Output: Online, batch  
 Language: Dutch  
 Availability: Restricted

# Belgium (Continued)

Reference: BELG 6 Entry Number: 68

Database: Geological Information System of Belgian Geological Survey  
 Data Type: Numeric  
 Acronym: GIBS (CHEM)  
 Data Subject: Hydrogeology  
 Subjects: Hydrochemical data  
 Keywords: Hydrogeology, Belgium  
 Organization: Belgische Geologische Dienst  
 Center Name: Belgian Geological Survey  
 Center Type: Geological Survey  
 Address: Jennerstreet 13, B-1040, Brussels, Belgium  
 Telephone: 02-647-7359  
 Contact: H. Goethals  
 Coverage: National  
 Territory: Belgium  
 Time Period: Begin: 1987 End: Present  
 Volume: 0.25 Megabytes  
 Updates: Annually  
 Computers: IBM 3090  
 Software: SAS,+ Special  
 Output: Online, batch  
 Language: Dutch  
 Availability: Restricted

Reference: BELG 7 Entry Number: 69

Database: Geological Information System of Belgian Geological Survey  
 Data Type: Numeric  
 Acronym: GIBS (ARCHIVES)  
 Data Subject: Regional Geology-Mapping Geology  
 Subjects: Administrative data concerning logs deeper than 6 m  
 Keywords: Areal geology, Belgium  
 Organization: Belgische Geologische Dienst  
 Center Name: Belgian Geological Survey  
 Center Type: Geological Survey  
 Address: Jennerstreet 13, B-1040, Brussels, Belgium  
 Telephone: 02-647-7359  
 Contact: H. Goethals  
 Coverage: National data  
 Territory: Belgium  
 Time Period: Begin: 1987 End: Present  
 Volume: 10,000 records (80 char per record), 1.5 Megabytes  
 Updates: Annually  
 Computers: IBM 3090  
 Software: SAS,+ Special  
 Output: Online, batch  
 Language: Dutch  
 Availability: Restricted

Belgium (Continued)

Reference: BELG 8 Entry Number: 70

Database: Geological Information System of Belgian Geological Survey  
 Data Type: Numeric  
 Acronym: GIBS (GEOL.MAPS)  
 Data Subject: Regional Geology, Mapping Geology  
 Subjects: Digitized contours of stratigraphic units in Belgium  
 Keywords: Areal geology, geologic maps, Belgium  
 Organization: Belgische Geologische Dienst  
 Center Name: Belgian Geological Survey  
 Center Type: Geological Survey  
 Address: Jennerstreet 13, B-1040, Brussels, Belgium  
 Telephone: 02-647-7359  
 Contact: H. Goethals  
 Coverage: National  
 Territory: Belgium  
 Time Period: Begin: 1987 End: Present  
 Volume: 32 Megabytes  
 Updates: Annually  
 Computers: IBM 3090  
 Software: SAS + Special  
 Output: Online, batch  
 Language: Dutch  
 Availability: Restricted

Reference: BELG 9 Entry Number: 71

Database: Geological Information System of Belgian Geological Survey  
 Data Type: Numeric  
 Acronym: GIBS (LITHO)  
 Data Subject: Regional geology-Mapping geology  
 Subjects: Collections of lithological data;  
 Keywords: Areal geology, Belgium  
 Organization: Belgische Geologische Dienst  
 Center Name: Belgian Geological Survey  
 Center Type: Geological Survey  
 Address: Jennerstreet 13, B-1040, Brussels, Belgium  
 Telephone: 02-647-6400  
 Contact: H. Goethals  
 Coverage: National  
 Territory: Belgium  
 Time Period: Begin: 1987 End: Present  
 Volume: 2 Megabytes  
 Updates: Annually  
 Computers: IBM 3090  
 Software: SAS + Special  
 Output: Online, batch  
 Language: Dutch  
 Availability: Restricted

## Belgium (Continued)

Reference: BELG 10

Database: Mineral Collection  
Data Type: Bibliographic  
Acronym: MNRX  
Data Subject: Mineralogy, metallic mineral resources  
Subjects: Database contains mineralogical collections with special emphasis on uranium minerals  
Keywords: Mineralogy, mineral systematics, Belgium  
Organization: Department Geologie Koninklijk Museum voor Midden-Afrika  
Center Name: Geological Department Royal Museum for Central Africa  
Center Type: Research institute  
Address: Steenweg op Leuven 13, 3080 TERVUREN, Belgium  
Telephone: 2-767-5401 FAX: 2-767 0242 Telex No. 27048 Bugeo  
Contact: M. Fernandez  
Coverage: International data  
Territory: Central Africa  
Volume: 16,000 records with approximately 200  
Updates: Irregular  
Computers: IBM 3090 (will be moved to IBM PS2/80 network)  
Software: AQUARIUS  
Output: Interactive, batch, printed data compilations  
Language: French  
Availability: Open to all users, free of charge

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## ***Bolivia***

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Reference: BOLI 1

Database: Microsis - Geobol  
Data Type: Bibliographic  
Acronym: GEOB1  
Data Subject: General geosciences, metallic mineral resources, hydrogeology  
Subjects: Database that contains technical information about the geology of Bolivia  
Keywords: Geology, minerals, natural resources, hydrogeology, perforations, mineral deposits, Bolivia  
Organization: Servicio Geologico de Bolivia  
Center Name: Centro de Informacion Geologica - Mineral  
Center Type: Geological Survey  
Address: Federico Suazo 1673, Casilia 2729, La Paz, Bolivia  
Telephone: 377312  
Contact: Ing. Jose Rivera  
Coverage: National data  
Time Period: Begin: 1990 End: Present  
Volume: 2,000 records  
Updates: Daily  
Computers: SANSUNG 386, COMPACT 386  
Software: CD/ISIS (UNESCO)  
Output: Interactive, bulletins, special reports  
Language: Spanish  
Availability: Open to all users, fees charged

## **Brazil**

Reference: BRAZ 1                      Entry Number: 76

Database: Bibliographic Database on the Geology of Brazil  
Data Type: Bibliographic  
Acronym: GEOB  
Data Subject: General Geosciences  
Subjects: Brazilian publications on geology. Since 1980 this Database has been substituted by GETM Database which also includes other geosciences  
Keywords: Areal geology, Brazil  
Organization: Departamento Nacional da Producao Mineral (DNPM)/(CPRM)  
Center Name: National Department of Mineral Production  
Center Type: Governmental organization  
Address: SAN Quadra 01 Bloco B, 70.040 Brasilia, Dist. Federal, Brazil  
Telephone: 061-226-7462    Telex 61-1116  
Contact: Carlos Oiti Berbert  
Coverage: National data  
Territory: Brazil  
Volume: 19,000 records  
Updates: Monthly  
Computers: IBM 4341  
Output: Interactive  
Language: Portuguese  
Availability: Open, free

Reference: BRAZ 2                      Entry Number: 77

Database: Cadastre of Mineral Occurrences  
Data Type: Numeric Bibliographic  
Acronym: META  
Data Subject: General Geosciences  
Subjects: Mineral deposits selected from the DNPM's metallogenic and mineral resources maps project, at 1:250,000 scale  
Keywords: Mineral resources, genesis, paragenesis, Brazil  
Organization: Departamento Nacional da Producao Mineral (DNPM)/(CPRM)  
Center Name: National Department of Mineral Production  
Center Type: Governmental organization  
Address: SAN Quadra 01 Bloco B, 70.040 Brasilia, Dist. Federal, Brazil  
Telephone: 061-226-7462    Telex 61-1116  
Contact: Carlos Oiti Berbert  
Coverage: National data  
Territory: Brazil  
Time Period: Begin: 1982    End: Present  
Volume: 17,000 records  
Updates: Monthly  
Computers: IBM 4341  
Output: Interactive



## Brazil (Continued)

Language: Portuguese  
Availability: Open, free

Reference: BRAZ 3                      Entry Number: 74

Database: Description of Outcrops  
Data Type: Numeric Bibliographic  
Acronym: AFLO  
Data Subject: General Geosciences  
Subjects: Rock outcrops studied during field work in the projects of DNPM executed by CPRM teams. DNPM - Departamento Nacional da Producao Mineral CPRM - Dia de Pesquisa de Recursos Minerais  
Keywords: Outcrops, samples, mapping, Brazil  
Organization: Departamento Nacional da Producao Mineral (DNPM)/(CPRM)  
Center Name: National Department of Mineral Production  
Center Type: Governmental organization  
Address: SAN Quadra 01 Bloco B, 70.040 Brazilia, Dist. Federal, Brazil  
Telephone: 061-226-7462 Telex 61-1116  
Contact: Carlos Oiti Berbert  
Coverage: National data  
Territory: Brazil  
Time Period: Begin: 1970    End: Present  
Volume: 160,000 records  
Updates: Monthly  
Computers: IBM 4341  
Output: Interactive  
Language: Portuguese  
Availability: Open

Reference: BRAZ 4                      Entry Number: 92

Database: Engevix - Sistema Geografico de Informacoes  
Data Type: Numeric  
Acronym: GEOSOFT  
Data Subject: Remote Sensing  
Subjects: All environmental data including physical, biological and socio-economic data  
Keywords: Remote sensing, geography, Brazil  
Organization: Engevix Engenharia S/A  
Center Type: Private company  
Address: Central Post 1920 - 20.080, Rio de Janeiro (Rj), Brazil  
Telephone: 21-223-1382 Telex (21) 30961 EVI  
Contact: Mostafa Nosseir  
Coverage: National data  
Time Period: Begin: 1983    End: Present  
Updates: Periodic / Contracts  
Computers: VAX 8080, PC  
Software: In house

Brazil (Continued)

Output: Interactive  
Language: Several  
Availability: Fees

Reference: BRAZ 5                      Entry Number: 88

Database: Image Search  
Data Type: Numeric  
Data Subject: Remote Sensing  
Keywords: Landsat, Spot, remote sensing, Brazil  
Organization: Instituto de Pesquisas  
Center Name: Institute for Space Research  
Center Type: Regional institute  
Address: Inst. Space Research, Brazil  
Contact: Paulo Roberto Martini  
Coverage: International data  
Territory: Brazil and most of South America  
Time Period: Begin: 1973,1988    End: Present  
Volume: 270,000 records  
Updates: 16 Days  
Computers: VAX 750  
Software: VAX/VMS Based  
Output: Compilation  
Language: English  
Availability: Open, fees, network

Reference: BRAZ 6                      Entry Number: 81

Database: Information on the Geosciences and Mineral Technology  
Data Type: Bibliographic  
Acronym: GETM  
Data Subject: General Geosciences  
Subjects: Conventional and non-conventional bibliography on geosciences and mineral technology (mining and mineral processing). Includes material published in Brazil about Brazilian geosciences. Database completes the GEOB Database  
Keywords: Mineral resources, production, technology, regional geology, Brazil  
Organization: Departamento Nacional da Producao Mineral (DNPM)/(CPRM)  
Center Name: Ministry of Mines and Energy  
Center Type: Governmental organization  
Address: SAN Quadra 01 Bloco B, 70.040 Brasilia, Dist. Federal, Brazil  
Telephone: 061-226-7462    Telex 61-1116  
Contact: Carlos Oiti Berbert  
Coverage: National data  
Territory: Brazil  
Time Period: Begin: 1981    End: Present  
Volume: 15,000 records  
Updates: Weekly  
Computers: IBM 4381

# Brazil (Continued)

Output: Interactive  
Language: Portuguese (Mainly)  
Availability: Open, free

Reference: BRAZ 7 Entry Number: 90

Database: Institute of Socio-Economic Development of Para  
Data Type: Bibliographic  
Acronym: IDESP  
Data Subject: Regional Geology Mapping Geology Hydrogeology  
Subjects: Under development  
Keywords: Areal geology, remote sensing, Para, Brazil  
Organization: Instituto do Desenvolvimento Economico-Social do Para  
Center Name: Institute of Socio-Economic Development of Para  
Center Type: Regional institute  
Address: Isd do Para, Brazil  
Contact: Sauma, Mazare E Silva, Guilherma Galeao Da  
Coverage: Local data  
Territory: Para  
Time Period: Begin: 1966 End: Present  
Output: Compilation  
Availability: Open, fees, network

Reference: BRAZ 8 Entry Number: 91

Database: Mineral Deposit Index  
Data Type: Bibliographic  
Acronym: IDEM  
Data Subject: Metallic Mineral Resources Non-Metallic  
Subjects: Under development  
Keywords: Mineral resources, Sao Paulo, Parana Basin, Mantiqueira, Brazil  
Organization: Governo do Estado de Sao Paulo, Secretaria de Ciencia e Tec  
Center Name: Institute of Geosciences - State University of Campinas  
Center Type: University, special schools  
Address: Pro-Minerio, Sao Paulo, Brazil  
Contact: Bernardino R. Figueiredo  
Coverage: Regional data  
Territory: State Of Sao Paulo and Vicinities  
Time Period: Begin: 1985 End: Present  
Volume: 3,000 records with approximately 1,073 characters  
Updates: Annually  
Computers: SCOPUS PC/XT (presently) VAX-780 (near future)  
Software: D-Base III (Clipper Compiler), HRDB-Digital  
Output: Interactive, batch, compilation  
Language: Portuguese  
Availability: Open

Brazil (Continued)

Reference: BRAZ 9                      Entry Number: 75

Database: Petrographic Analysis  
 Data Type: Numeric Bibliographic  
 Acronym: PETR  
 Data Subject: General Geosciences  
 Subjects: Petrographic thin sections from DNPM's projects executed by CPRM  
 Keywords: Petrography, thin sections, Brazil  
 Organization: Departamento Nacional da Producao Mineral (DNPM)/(CPRM)  
 Center Name: National Department of Mineral Production  
 Center Type: Governmental organization  
 Address: SAN Quadra 01 Bloco B, 70.040 Brasilia, Dist. Federal, Brazil  
 Telephone: 061-226-7462    Telex 61-1116  
 Contact: Carlos Oiti Berbert  
 Coverage: National data  
 Territory: Brazil  
 Time Period: Begin: 1970    End: Present  
 Volume: 30,000 records  
 Updates: Monthly  
 Computers: IBM 4341  
 Output: Interactive  
 Language: Portuguese  
 Availability: Open

Reference: BRAZ 10                      Entry Number: 80

Database: Sistema de Informacoes de Sondagens  
 Data Type: Numeric Bibliographic  
 Acronym: SISON  
 Data Subject: General Geosciences Hydrogeology Metallic Mineral Resources  
 Subjects: Information about drilling projects in Brazil, including surveys for mineral and groundwater  
                   prospection and exploration  
 Keywords: Wells, mineral resources, water resources, exploration, Brazil  
 Organization: Departamento Nacional da Producao Mineral (DNPM)/(CPRM)  
 Center Name: National Department of Mineral Production  
 Center Type: Governmental organization  
 Address: SAN Quadra 01 Bloco B, 70.040 Brasilia, Dist. Federal, Brazil  
 Telephone: 061-224-2670    Telex 61-1116  
 Contact: Carlos Oiti Berbert  
 Coverage: National data  
 Territory: Brazil  
 Time Period: Begin: 1970    End: Present  
 Volume: 50,000 records  
 Updates: Weekly  
 Computers: IBM 4381  
 Software: Adabas Architecture Data Bank  
 Output: Interactive  
 Language: Portuguese  
 Availability: Open, free

**Brazil (Continued)**

**Reference:** BRAZ 11                      Entry Number: 86

**Database:** System of Mineral Section  
**Data Type:** Numeric Bibliographic  
**Acronym:** ECOMIN  
**Data Subject:** Metallic Mineral Resources Non-Metallic Mineral Resources  
**Subjects:** Collection of economic parameters and information about mineral resources and deposits  
**Keywords:** Mineral economics, mineral resources, Brazil, Latin America, Brazil  
**Organization:** Instituto de Geociencias - Unicamp  
**Center Name:** Institute of Geoscience - Unicamp  
**Center Type:** University, special schools  
**Address:** Caixa Postal G152, 13081, Campinas, Sao Paulo, Brazil  
**Telephone:** 39-1097  
**Contact:** Prof. Dr. Saul Suslick  
**Coverage:** National data, international data  
**Territory:** Brazil and Latin America  
**Time Period:** Begin: 1985    End: Present  
**Updates:** Annually  
**Computers:** IBM PC/XT, NEXUS 1600  
**Software:** dBASE III  
**Output:** Interactive, compilation  
**Language:** Portuguese (New Versions Will Be English)  
**Availability:** Open

**Reference:** BRAZ 12                      Entry Number: 79

**Database:** System of Geological Information  
**Data Type:** Numeric Bibliographic  
**Acronym:** SIGEO  
**Data Subject:** General Geosciences  
**Subjects:** Information on location and description of all geological, geochemical and geophysical surveys executed in Brazilian territory by all agencies, government and private  
**Keywords:** Geophysical surveys, areal geology, geochemical surveys, Brazil  
**Organization:** Departamento Nacional da Producao Mineral (DNPM)/(CPRM)  
**Center Name:** Division of Geology and Mineralogy  
**Center Type:** Governmental organization  
**Address:** SAN Quadra 01 Bloco B, 70.040 Brasilia, Dist. Federal, Brazil  
**Telephone:** 061-226-7462    Telex 61-1116  
**Contact:** Carlos Oiti Berbert  
**Coverage:** National data  
**Territory:** Brazil  
**Time Period:** Begin: 1966    End: Present  
**Volume:** 5,000 projects  
**Updates:** Weekly  
**Computers:** IBM 4381  
**Software:** Adabas Architecture Data Bank  
**Output:** Interactive  
**Language:** Portuguese  
**Availability:** Open, free

**Brazil (Continued)**

**Reference:** BRAZ 13                      **Entry Number:** 82

**Database:** System of Geological Information Description of Outcrops  
**Data Type:** Numeric Bibliographic  
**Acronym:** SIGA/AFLO  
**Data Subject:** Regional Geology, Mapping Geology, Stratigraphy, Tectonics  
**Subjects:** A database with the geologists' descriptions of the outcrops and geological data stations obtained by geological mapping projects  
**Keywords:** Mapping, outcrops, structural geology, stratigraphy, mineral resources, Brazil  
**Organization:** Companhia de Pesquisa de Recursos Minerais - CPRM  
**Center Name:** Mineral Resources Exploration Company  
**Center Type:** Governmental organization  
**Address:** Praia Vermelha, Cep: 22292, Rio De Janeiro, RJ, Brazil  
**Telephone:** 021-295-0032    Telex 021-22685  
**Contact:** E. Von Sperling De Lima  
**Coverage:** National data  
**Territory:** Brazil  
**Time Period:** Begin: 1970    End: Present  
**Volume:** 200,000 records with approx. 1,500 characters per record  
**Updates:** Monthly  
**Computers:** IBM 4341 MG2  
**Software:** IBM - Stairs (Commercial)  
**Output:** Interactive, compilation  
**Language:** English, Portuguese  
**Availability:** Open, free, network

**Reference:** BRAZ 15                      **Entry Number:** 73

**Database:** System of Geological Information of Brazil  
**Data Type:** Bibliographic  
**Acronym:** SIGA/PETRO  
**Subjects:** A database with petrographical analyses of samples collected by the geological mapping projects  
**Keywords:** Petrography, mineral composition, petrology, igneous rocks, metamorphic rocks, Brazil  
**Organization:** Companhia de Pesquisa de Recursos Minerais - CPRM  
**Center Name:** Mineral Resources Exploration Company  
**Center Type:** Governmental organization  
**Address:** Praia Vermelha, Cep: 22292, Rio de Janeiro, RJ, Brazil  
**Telephone:** 021-295.00.32    Telex 021-22685  
**Contact:** Von Sperling De Lima, E  
**Coverage:** National data  
**Territory:** Brazil  
**Time Period:** Begin: 1970    End: Present  
**Volume:** 15,000 records with approx. 3,000 characters per record  
**Updates:** Monthly  
**Computers:** IBM 4341 - MG 2  
**Software:** IBM Stairs (Commercial)  
**Output:** Interactive, compilation  
**Language:** English/ Portuguese  
**Availability:** Open, free

# Brazil (Continued)

Reference: BRAZ 16 Entry Number: 85

Database: System of Geological Information of Brazil Chemical Assays  
 Data Type: Numeric  
 Acronym: SIGA/QUIM  
 Data Subject: Geochemistry, Isotopes, Petrology; Igneous, Metamorphic  
 Subjects: A database with the results of chemical assays of rocks and heavy minerals concentrates  
 Keywords: Geochemistry, petrology, igneous rocks, metamorphic rocks, Brazil  
 Organization: Companhia de Pesquisa de Recursos Minerais - CPRM  
 Center Name: Mineral Resources Exploration Company  
 Center Type: Governmental organization  
 Address: Praia Vermelha, Cep: 22292, Rio de Janeiro, RJ, Brazil  
 Telephone: 021-295-0032 telex 021-22685  
 Contact: Da Vinha, G.  
 Coverage: National data  
 Territory: Brazil  
 Time Period: Begin: 1970 End: Present  
 Volume: 50,000 records with approx. 250 characters per record  
 Updates: Annually  
 Computers: IBM 4341 MG2  
 Software: IBM - SQL/QMF (Commercial) And In-House  
 Output: Interactive, compilation  
 Language: English/Portuguese  
 Availability: Open, free

Reference: BRAZ 17 Entry Number: 84

Database: System of Geological Information of Brazil Geological Survey  
 Data Type: Bibliographic  
 Acronym: DIGA/BIBL  
 Data Subject: General Geosciences  
 Subjects: A Database with data on Brazilian geological bibliography since 1670 (analytical biography of Brazilian geology)  
 Keywords: Areal geology, Brazil  
 Organization: Companhia de Pesquisa de Recursos Minerais - CPRM  
 Center Name: Mineral Resources Exploration Company  
 Center Type: Governmental organization  
 Address: Praia Vermelha, Cep: 22292, Rio de Janeiro, RJ, Brazil  
 Telephone: 021-295-00032 Telex 021-22685  
 Coverage: National data  
 Territory: Brazil  
 Time Period: Begin: 1670 End: Present  
 Volume: 40,000 records with approx. 750 characters per record  
 Updates: Monthly  
 Computers: IBM 4341 MG2  
 Software: IBM - Stairs (Commercial)  
 Output: Interactive, compilation  
 Language: English, Portuguese  
 Availability: Open, free, network

**Brazil (Continued)**

**Reference:** BRAZ 18                      Entry Number: 83

**Database:** System of Geological Information of Brazil Metallic Occurrence  
**Data Type:** Numeric Bibliographic  
**Acronym:** SIGA/META  
**Data Subject:** Metallic Mineral Resources, Fuels, Energy  
**Subjects:** A database with the known metallic mineral occurrences of Brazil  
**Keywords:** Metal ores, metallogeny, Brazil  
**Organization:** Companhia De Pesquisa De Recursos Minerais - CPRM  
**Center Name:** Mineral Resources Exploration Company  
**Center Type:** Governmental organization  
**Address:** Praia Vermelha, Cep: 22292, Rio De Janeiro, RJ, Brazil  
**Telephone:** 021-295-0032    Telex 021-22685  
**Contact:** V. Marques  
**Coverage:** National data  
**Territory:** Brazil  
**Time Period:** Begin: 1970    End: Present  
**Volume:** 12,000 records with approx. 500 characters per record  
**Updates:** Monthly  
**Computers:** IBM 4341 MG2  
**Software:** IBM - Stairs (Commercial)  
**Output:** Interactive, compilation  
**Language:** English, Portuguese  
**Availability:** Open, free, network

**Reference:** BRAZ 14                      Entry Number: 87

**Database:** System of Geological Information Paleontological Occurrences  
**Data Type:** Bibliographic  
**Acronym:** SIGA/PALEO  
**Data Subject:** Paleontology Stratigraphy  
**Subjects:** A database with the paleontological occurrences of macrofossils and results of analytical determination of microfossils in Brazil  
**Keywords:** Paleontology, fossils, Brazil  
**Organization:** Companhia de Pesquisa de Recursos Minerais - CPRM  
**Center Name:** Mineral Resources Exploration Company  
**Center Type:** Governmental organization  
**Address:** Praia Vermelha, Cep: 22292, Rio de Janeiro, RJ, Brazil  
**Telephone:** 021-295-0032    Telex 021-22685  
**Coverage:** National data  
**Time Period:** Begin: 1970    End: Present  
**Volume:** 2,000 records with approx. 2,000 characters per record  
**Updates:** Monthly  
**Computers:** IBM 4341 MG2  
**Software:** IBM - Stairs (Commercial)  
**Output:** Interactive, compilation  
**Language:** English/Portuguese  
**Availability:** Open, free, network



Brazil (Continued)

Reference: BRAZ 19 Entry Number: 78

Database: Table of Project of the CPRM  
 Data Type: Numeric Bibliographic  
 Acronym: PROJ  
 Data Subject: General Geosciences  
 Subjects: Geological projects developed by DNPM and CPRM  
 Keywords: Areal geology, Brazil  
 Organization: Departamento Nacional da Producao Mineral (DNPM)/(CPRM)  
 Center Name: National Department of Mineral Production  
 Center Type: Governmental organization  
 Address: SAN Quadra 01 Bloco B, 70.040 Brazilia, Dist. Federal, Brazil  
 Telephone: 061-226-7462 Telex 61-1116  
 Contact: Carlos Oiti Berbert  
 Coverage: National data  
 Time Period: Begin: 1970 End: Present  
 Volume: 3,000 records  
 Updates: Monthly  
 Computers: IBM 4341  
 Output: Interactive  
 Language: Portuguese  
 Availability: Open, free

Reference: BRAZ 20 Entry Number: 89

Database: Terminal de Informatica  
 Data Type: Numeric Bibliographic  
 Acronym: DGM/DNPM  
 Subjects: SIGEO: geologic information; GEOCINF: geosciences and mineral technology; SIGA: information systems; SISON  
 Keywords: Areal geology, mineral resources, Brazil  
 Organization: Companhia De Pesquisa De Recursos Minerais - CPRM  
 Center Name: Center of Informatics Brasileiras  
 Center Type: Geological Survey  
 Address: Cprm, Brazil  
 Contact: Ms. Maria Elena Taira Oguino (Chief)  
 Coverage: National data  
 Territory: Brazil  
 Time Period: Begin: Around 1950 End: Present  
 Volume: SIGEO 2,564 records (projects) with approx. 3,000 char per record  
 Updates: Daily  
 Computers: Mainframes: IBM 4381, 3031 and 4341  
 Software: Natural and Stairs  
 Output: Interactive, compilation, reports, bulletins  
 Language: Portuguese  
 Availability: Open, free, network

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## ***Canada***

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Reference: CAND 1                      Entry Number: 137

Database: Alluvial River Channel Regime Data  
Data Type: Numeric  
Data Subject: Geomorphology - Quaternary Geology, Engineering Geology  
Subjects: Data of alluvial river channel flow and morphology suitable for computing hydraulic geometry relations. Data have been stringently screened for homogeneous quality  
Keywords: Alluvial channels, hydraulic geometry, river regimes, alluvium, channels, global, Canada  
Organization: Department of Geography, University of British Columbia  
Center Type: University, special schools  
Address: Department of Geography, University of British Columbia, Vancouver, British Columbia, Canada V6t 1w5  
Telephone: 604-228-3444  
Contact: Michael Church  
Coverage: International  
Territory: Global  
Volume: 500 records with 50 characters per record  
Updates: Irregular  
Computers: Personal Computer; IBM-type microcomputer  
Software: Data file in ASCII code or formatted  
Output: Batch  
Language: English  
Availability: Open, fees

Reference: CAND 2                      Entry Number: 100

Database: Aquaref  
Data Type: Bibliographic  
Acronym: AQUAREF  
Data Subject: Geophysics, Hydrogeology, General Geosciences, Environment  
Subjects: Water resources, air, ice and snow, pollution, flooding, forestry, land management, wildlife and fisheries, baseline studies, atmosphere, hydrology, monitoring and analysis  
Keywords: Water resources, pollution, floods, forestry, land use wildlife, Canada  
Organization: Inland Waters Directorate, Environment Canada  
Center Name: Inland Waters Directorate, Environment Canada  
Center Type: Governmental organization  
Address: Inland Waters Directorate, Environment Canada, Ottawa, Ontario, Canada K1A OH3  
Telephone: 819-997-2324  
Contact: Louise Power  
Coverage: Regional, national, local  
Territory: Canada wide  
Time Period: Begin: 1970 End: Present  
Volume: 70,000 records  
Updates: Bi-monthly  
Computers: Database mounted at NAG computing facility  
Software: In-house software package  
Output: Interactive, batch, special reports

# Canada (Continued)

Language: English and French  
Availability: Open, fees, network

Reference: CAND 3 Entry Number: 131

Database: Arctic Science and Technology Information System  
Data Type: Bibliographic  
Acronym: ASTIS  
Data Subject: General Geosciences  
Subjects: All subjects  
Keywords: Arctic region, general, Canada  
Organization: Arctic Institute of North America  
Center Type: Regional institution  
Address: Calgary, Alberta, Canada T2n IN4  
Telephone: 403-220-4036 Telex: 382-1545  
Contact: Ross Goodwin  
Coverage: International  
Territory: Arctic regions with emphasis on Canadian Arctic  
Time Period: Begin: 1970 End: Present  
Volume: 22,000 records with 1,000 characters per record  
Updates: Daily  
Computers: In-House: AMDAHL 5870. QL SYSTEMS: IBM  
Software: In-House: Spires. QI Systems: QI Search  
Output: Interactive, microforms, compilation, reports, bulletins  
Language: English, French  
Availability: Open, fees, network

Reference: CAND 4 Entry Number: 94

Database: Boundary Studies Database  
Data Type: Bibliographic  
Acronym: PGC GEO  
Data Subject: Marine Geology, Geophysics, General Geosciences  
Subjects: Bibliographic data, map and chart data, cruise data concerning geoscience research in the offshore areas of western Canada, and the northwestern United States  
Keywords: Maps, expeditions, marine geology, Canada, geophysical surveys, geochemistry, offshore, Beaufort Sea, Canada  
Organization: Geological Survey of Canada  
Center Name: Pacific Geoscience Centre  
Center Type: Geological Survey  
Address: PO Box 6000, 9860 West Saanich Road, Sidney, British Columbia, Canada V8L 4B2  
Telephone: 604-356-6500 Telex: 049-7281  
Contact: Trudie Horel, G. Forbes  
Coverage: Regional  
Territory: West coast and offshore of Canada, Beaufort Sea  
Time Period: End: 1986  
Volume: 4,902 records with 1,074 characters per record

# Canada (Continued)

Updates: None  
Computers: Compaq 386 Deskpro  
Software: dBASE III Plus  
Output: Interactive, batch, compilation  
Language: English  
Availability: Restricted, free

Reference: CAND 5                      Entry Number: 122

Database: Canada Geographic Information System  
Data Type: Numeric  
Acronym: CGIS  
Data Subject: Environmental Geology, Geomorphology - Quaternary Geology  
Subjects: Map sheets in digital format  
Keywords: Land use, ecology, biophysics, inventory, geographic information systems, cartography, Canada  
Organization: Environment Canada, Canadian Wildlife Service  
Center Type: Governmental organization  
Address: Canadian Wildlife Service, Canadian Geographic Information  
Telephone: 619-997-0551  
Contact: Dr. Ian Crain  
Coverage: National, local  
Territory: Canada  
Time Period: Begin: 1965    End: Present  
Volume: 10,000 records  
Computers: IBM 3033, Hewlett Packard 100, D6-MV 6000, IBM-PC, PDP 11 E  
Software: Custom Written, CCIS, OCSS, SIRE Proprietary  
Output: Interactive, batch, compilation, reports, bulletins  
Language: English And French  
Availability: Open, fees

Reference: CAND 6                      Entry Number: 115

Database: Canadian Surficial Map Bibliography File  
Data Type: Bibliographic  
Acronym: CSMB  
Data Subject: Geomorphology - Quaternary Geology  
Subjects: Bibliographic information for quaternary, surficial geology, surficial materials, terrain and geomorphological maps. Includes scale and national topographic system designation of the area covered  
Keywords: Quaternary, maps, surficial maps, Canada  
Organization: Terrain Sciences Division, Geological Survey of Canada  
Center Type: Geological Survey  
Address: 601 Booth Street, Ottawa, Ontario, Canada K1a 0e8  
Telephone: 613-993-6094    Telex: 053-3117  
Contact: R. J. Fulton  
Coverage: National

# Canada (Continued)

**Territory:** Canada  
**Volume:** 1,000 records with 3,000 characters per record  
**Updates:** Monthly  
**Computers:** IBM PC/AT  
**Software:** Cardbox, Business Simulations Ltd., England  
**Output:** Compilation  
**Language:** English  
**Availability:** Open

**Reference:** CAND 7                      **Entry Number:** 138

**Database:** Canminindex  
**Data Type:** Bibliographic  
**Acronym:** CMDX  
**Data Subject:** Metallic mineral resources, Non-metallic mineral resources  
**Subjects:** Index level data on Canadian mineral deposits and occurrences compiled in support of research programs at the Geological Survey of Canada. Data derived from publicly available and internal sources. Data items include name(s), geographic location, brief deposit description, commodities and references  
**Keywords:** Mineral resources, Canada  
**Organization:** Geological Survey of Canada  
**Center Name:** Mineral Resource Information Services  
**Center Type:** Geological Survey  
**Address:** 601 Booth Street, Ottawa, Ontario, Canada K1a 0e8  
**Telephone:** 613-996-3399    **Telex:** 053-3117 EMAR-O  
**Contact:** Robert M. Laramée, David F. Garson  
**Coverage:** National  
**Time Period:** Begin: 1975    End: Present  
**Volume:** 20,000 records with 600 characters per record  
**Updates:** Annually  
**Computers:** COMPAQ Desk-Top Micro computer  
**Software:** Microrim R:Base And In-House Developed Programs  
**Output:** Interactive, batch, compilation  
**Language:** English And French  
**Availability:** Restricted, free

**Reference:** CAND 8                      **Entry Number:** 130

**Database:** Digital Bathymetry  
**Data Type:** Numeric  
**Acronym:** SEAMAP  
**Data Subject:** General Geosciences  
**Subjects:** Water depth data collected from ship includes latitude, longitude, water depth, time, day and year  
**Keywords:** Cruises, expeditions, bathymetry, offshore, Canada  
**Organization:** Canadian Hydrographic Service  
**Center Name:** Federal Government, Department of Fisheries and Oceans

# Canada (Continued)

Center Type: Governmental organization  
 Address: 615 Booth Street (Room 337), Ottawa, Ontario, Canada K1a 0e6  
 Telephone: 613-995-6179  
 Contact: John Warren, Lewis Boone  
 Coverage: National  
 Territory: Canadian Territorial Offshore  
 Time Period: Begin: 1966 End: Present  
 Volume: 3,000,000 records  
 Updates: Irregular  
 Computers: CYBER  
 Software: System 2000  
 Output: Batch  
 Language: Numeric  
 Availability: Restricted

Reference: CAND 9 Entry Number: 117

Database: Fossil Arthropod Reports  
 Data Type: Bibliographic  
 Acronym: ARPT  
 Data Subject: Stratigraphy, Geomorphology - Quaternary Geology  
 Subjects: Lists of fossil insects with relevant text from various late tertiary and quaternary sites in Canada and Alaska  
 Keywords: Arthropoda, insecta, coleoptera, quaternary, Yukon Territory, Alaska, upper tertiary, Canada  
 Organization: Geological Survey of Canada, Terrain Sciences Division  
 Center Type: Geological Survey  
 Address: 601 Booth Street, Ottawa, Ontario, Canada K1a 0e8  
 Telephone: 613-966-6371  
 Contact: J. V. Matthews  
 Coverage: International, national  
 Territory: All of Canada, primarily northern and Alaska  
 Volume: 200-300 records with 3,000-5,000 characters per record  
 Updates: Weekly, monthly  
 Computers: MACINTOSH +  
 Software: Microsoft Word, Helix II  
 Output: Compilation  
 Language: English  
 Availability: Restricted

Reference: CAND 10 Entry Number: 116

Database: Geo-Calc Thermodynamic Data  
 Data Type: Bibliographic, numeric  
 Acronym: GEO-CALC  
 Data Subject: Petrology, Igneous - Metamorphic  
 Subjects: Internally consistent thermodynamic data for common rock forming minerals, phase equilibrium and calorimetric data for the minerals

**Keywords:** Thermodynamic properties, calorimetry data, phase equilibria, igneous rocks, metamorphic rocks, Canada  
**Organization:** Geological Survey of Canada  
**Center Name:** Geological Survey of Canada  
**Center Type:** Geological Survey  
**Address:** 588 Booth Street, Ottawa, Ontario, Canada K1a 0e4  
**Telephone:** 613-995-6368  
**Contact:** Robert G. Berman  
**Coverage:** International  
**Time Period:** Begin: 1981 End: Present  
**Volume:** 2,000 records with 100 characters per record  
**Updates:** Annually  
**Computers:** Commaq 286  
**Software:** Geo-Calc Software (Personally Developed)  
**Output:** Batch, compilation, reports, bulletins  
**Language:** English  
**Availability:** Open, free

**Reference:** CAND 11                      Entry Number: 125

**Database:** Geoscan  
**Data Type:** Bibliographic  
**Data Subject:** General Geosciences  
**Subjects:** The Geoscan database covers the geology and physical geography of Canada, its Arctic islands and offshore zone. Literature included in the database includes theses, periodicals, government reports and mineral exploration reports from the private sector. Approximately 60% of the material contained in Geoscan is in the form of unpublished reports. Data entry and use is a cooperative effort with participants at both the federal and provincial levels  
**Keywords:** Areal geology, Canada  
**Organization:** Geological Survey of Canada, National Geoscan Centre  
**Center Type:** Geological Survey  
**Address:** 601 Booth Street, Ottawa, Ontario, Canada K1a 0e8  
**Telephone:** 613-992-8916  
**Contact:** Anthony G. Kopf-Johnson  
**Coverage:** National  
**Territory:** Canadian Landmass Offshore Zone of Influence  
**Volume:** 116,121 records with 950 characters per record  
**Updates:** Daily  
**Computers:** Hewlett Packard/3000 Model 70  
**Software:** Minisis - Commercial  
**Output:** Interactive, batch, microforms, compilation  
**Language:** English  
**Availability:** Free, network

**Reference:** CAND 12                      Entry Number: 120

**Database:** Great Lakes Sediment Databases  
**Data Type:** Numeric

# Canada (Continued)

**Data Subject:** Environmental Geology, Marine Geology, Engineering Geology  
**Subjects:** Physical and chemical sedimentologic data for lake bottom sediment samples  
**Keywords:** Great Lakes, sedimentology, geochemistry, sediments, limnology, marine geology, Canada  
**Organization:** National Water Research Institute  
**Center Name:** National Water Research Institute  
**Center Type:** Governmental organization  
**Address:** 867 Lakeshore Road, Burlington, Ontario, Canada L7r 4a6  
**Telephone:** 416-336-4999 Telex: 061-8296  
**Contact:** Dr. Norm Rukavina  
**Coverage:** Regional  
**Territory:** Great Lakes  
**Time Period:** Begin: 1968 End: 1978  
**Volume:** 4,000 records  
**Updates:** Irregular  
**Computers:** CYBER 180  
**Software:** System 2,000 Database Plus In-house Basic Interface  
**Output:** Interactive, batch, compilation  
**Language:** English  
**Availability:** Open, fees

**Reference:** CAND 13                      Entry Number: 101  
**Database:** K/Ar  
**Data Type:** Bibliographic  
**Acronym:** KA  
**Subjects:** Isotopic age dates from Cordilleran rocks. Mainly K/Ar dates and Pb/U on zircons.  
**Keywords:** Absolute age, dates, Cordillera, Canada, zircon, K/Ar, Pb/U Canada  
**Organization:** Geological Survey of Canada  
**Center Name:** Geological Survey of Canada  
**Center Type:** Geological Survey  
**Address:** Geological Survey of Canada, 100 West Pender, Vancouver, British Columbia, Canada V6B 1R8  
**Contact:** J. A. Roddick  
**Coverage:** International  
**Territory:** Cordillera  
**Time Period:** Begin: 1961 End: 1986  
**Volume:** 25,000 records with 60 bytes per record  
**Updates:** None  
**Computers:** UNIX-based Fortran system  
**Software:** In-house written search and retrieval programs "Age" & "Range"  
**Output:** Interactive, batch  
**Language:** English  
**Availability:** Open, free

**Reference:** CAND 14                      Entry Number: 109  
**Database:** Matthews Bibliographic File  
**Data Type:** Bibliographic



# Canada (Continued)

**Acronym:** MATTHEWS BIB  
**Subjects:** Bibliographic citations related to paleoenvironmental research.  
**Keywords:** Paleoclimatology, miospores, insecta, paleoenvironment, paleoecology, Canada  
**Organization:** Geological Survey of Canada, Terrain Sciences Division  
**Center Type:** Geological Survey  
**Address:** 601 Booth Street, Ottawa, Ontario, Canada K1a 0e8  
**Telephone:** 613-996-6371  
**Contact:** J. V. Matthews  
**Coverage:** International, national  
**Territory:** Canada and world  
**Volume:** 2,000 records with 200 characters per record  
**Updates:** Weekly, monthly  
**Computers:** Macintosh +  
**Software:** Microsoft Word, Helix li  
**Output:** Interactive  
**Language:** English  
**Availability:** Open

**Reference:** CAND 15                      Entry Number: 110

**Database:** Mineral Deposit Information System  
**Data Type:** Bibliographic  
**Acronym:** MINSYS  
**Data Subject:** Metallic mineral resources, Non-metallic mineral resources  
**Subjects:** Key identifying and descriptive characteristics of Canadian mineral occurrences; e.g., name, location, geological classification, development status  
**Keywords:** Mineral resources, Canada  
**Organization:** National Mineral Inventory, Mineral Policy Sector, Canada  
**Center Name:** National Mineral Inventory  
**Center Type:** Governmental organization  
**Address:** 580 Booth Street, Ottawa, Ontario, Canada K1a 0e4  
**Contact:** A. G. Sozanski  
**Coverage:** National  
**Territory:** Canada including offshore  
**Time Period:** Begin: 1978 End: Present  
**Volume:** 28,000 records with 300 characters per record  
**Updates:** Daily  
**Computers:** CYBER 70  
**Software:** S2k  
**Output:** Interactive, batch, compilation  
**Availability:** Open, fees

**Reference:** CAND 16

**Database:** Mineral Deposit Inventory (of Ontario)  
**Data Type:** Bibliographic, numeric  
**Acronym:** MDI

# Canada (Continued)

**Data Subject:** Metallic mineral resources, Non-metallic mineral resources  
**Subjects:** The MDI program is an overview of metallic and industrial mineral deposits in the Province of Ontario. Includes information on mineralization, lithology, and structure for approximately 1,500 gold and uranium deposits and occurrences  
**Keywords:** Economic geology, mineral deposits, ore occurrences, industrial minerals, metallogeny, Canada  
**Organization:** Geoscience Data Centre, Ontario Geological Survey  
**Center Name:** Geoscience Data Centre, Ontario Geological Survey  
**Center Type:** Geological Survey  
**Address:** 77 Grenville Street (8th Floor), Toronto, Ontario, Canada M7a 1w4  
**Telephone:** 416-965-4641  
**Coverage:** International, regional  
**Territory:** Ontario Province of Canada, and important deposits worldwide  
**Time Period:** Begin: 1960 End: Present  
**Volume:** 5,900 records with 900 bytes per record  
**Updates:** Bi-monthly  
**Computers:** IBM PC/AT  
**Software:** PC-DOS 2.0 or greater, with special search software  
**Output:** Interactive, compilations  
**Language:** English  
**Availability:** Open, fees

**Reference:** CAND 17 Entry Number: 103  
**Database:** National Aeromagnetic Database  
**Data Type:** Numeric  
**Acronym:** NADB  
**Data Subject:** Geophysics  
**Subjects:** Total field aeromagnetic data, magnetic anomaly data, and some local aeromagnetic vertical gradient data  
**Keywords:** Airborne surveys, magnetic surveys, magnetic anomalies, Canada  
**Organization:** Energy, Mines & Resources, Geological Survey of Canada, Geophysics Division, Geophysical Data Centre  
**Center Name:** Geophysical Data Centre  
**Center Type:** Geological Survey  
**Address:** Geological Survey of Canada, Ottawa, Ontario, Canada K1A 0Y3  
**Telephone:** 613-995-5326 Telex: 053-3117 EMMAR  
**Contact:** S. D. Dods  
**Coverage:** National  
**Territory:** Canada landmass and adjacent offshore  
**Time Period:** Begin: 1947 End: Present  
**Volume:** 10 Gigabytes  
**Updates:** Monthly  
**Computers:** VAX 8700; Microvax II and Rastertech  
**Software:** In-house software package  
**Output:** Interactive, batch, compilation  
**Language:** Fortran  
**Availability:** Open, fees

Canada (Continued)

Reference: CAND 18 Entry Number: 104

Database: National Geochemical Reconnaissance

Data Type: Numeric

Acronym: NGR

Data Subject: Geochemistry, Isotopes

Subjects: National geochemical reconnaissance data, stream sediments and waters, and lake sediments and waters

Keywords: Lake sediments, stream sediments, geochemistry, Canada

Organization: Geological Information Division, Geological Survey of Canada

Center Type: Geological Survey

Address: 601 Booth Street, Ottawa, Ontario, Canada K1a 0e8

Time Period: Begin: 1974 End: Present

Volume: 15,000 records

Updates: Monthly

Computers: IBM VAX CYBER

Software: System Utilities

Output: Batch, reports, bulletins

Language: English

Availability: Fees

Reference: CAND 19 Entry Number: 105

Database: National Gravity Database

Data Type: Numeric

Acronym: NGDB

Data Subject: Geophysics

Subjects: Gravity anomaly data, gravity control station data with descriptions, and gravity control network observation data (1km x 1km DTM model for Western Cordillera only)

Keywords: Gravity anomalies, gravity surveys, digital elevation model, Canada

Organization: Energy, Mines & Resources, Geological Survey of Canada, Geophysics Division, Geophysical Data Centre

Center Name: Geophysical Data Centre

Center Type: Geological Survey

Address: Geological Survey of Canada, Ottawa, Ontario, Canada K1A 0Y3

Telephone: 613-955-5326 Telex: 053-3117 EMMAR

Contact: D. B. Hearty

Coverage: 150 Megabytes

Territory: Canada landmass and adjacent offshore, partial S & C America

Time Period: Begin: 1944 End: Present

Updates: Monthly

Computers: CYBER 730, for storage VAX 8700 appl

Software: System 2000 (Commercial Package)

Output: Interactive, batch, compilation

Language: English

Availability: Open, fees

Canada (Continued)

Reference: CAND 20 Entry Number: 114

Database: National Hydrometric Data Bank  
 Data Type: Numeric  
 Acronym: HYDAT  
 Subjects: National water quality data, including inland waters.  
 Keywords: Water resources, hydrometry, water discharge, Canada  
 Organization: Water Resources Branch, Environment Canada, Water Survey of Canada Division  
 Center Type: Governmental organization  
 Address: Water Survey of Canada, 351 St Joseph Boulevard, Quebec, Canada J8 3z5  
 Contact: Mr. Ian McLaurin  
 Coverage: National  
 Time Period: Begin: 1900 End: Present  
 Volume: 1.8 gigabytes with 5% growth rate per year  
 Updates: Semi-annually  
 Computers: CYBER 730 NOS/BE CYBER 84C NOS/VE PDP11/44 RSX105  
 Software: Fortran 77 Cobol 5  
 Output: Interactive, batch, microforms, compilation, reports, bulletin  
 Language: English  
 Availability: Open, free

Reference: CAND 21 Entry Number: 106

Database: National Mineral Collection Database  
 Data Type: Bibliographic  
 Subjects: Data on specimen material in national mineral collection. Includes mineralogical, locality, source and descriptive data  
 Keywords: Minerals, collections, mineral localities, Canada  
 Organization: Geological Survey of Canada  
 Center Name: Geological Survey of Canada  
 Center Type: Geological Survey  
 Address: 601 Booth Street, Ottawa, Ontario, Canada K1a 0e8  
 Telephone: 613-995-4982  
 Contact: H. G. Ansell  
 Volume: 16,000 records with 1,050 characters per record  
 Updates: Weekly  
 Computers: CYBER 180 Model 835  
 Software: Basis (Battelle Corp)  
 Output: Interactive, compilation  
 Language: English  
 Availability: Restricted, free, network

Reference: CAND 22 Entry Number: 119

Database: National Water Quality Database  
 Data Type: Numeric  
 Acronym: NAQUADAT

Canada (Continued)

Data Subject: Geophysics  
Subjects: Water quality information.  
Keywords: Water quality, geophysical surveys, Canada  
Organization: Data Systems Section, Water Quality Branch, Environment Canada  
Center Name: Data Systems Section, Water Quality Branch, Environment  
Center Type: Governmental organization  
Address: Water Quality Branch, Environment Canada, Ottawa, Canada K1a OH3  
Telephone: 817-997-3424  
Contact: Peter Brooksbank  
Coverage: Regional, national  
Territory: Canada  
Time Period: Begin: 1960 End: Present  
Volume: 150 megabytes  
Updates: Quarterly  
Computers: CYBER 730  
Software: Nos-Be, System 2000, Fortran  
Output: Interactive, batch, compilation, reports, bulletins  
Language: English  
Availability: Open, free

Reference: CAND 23                      Entry Number: 102

Database: Nearshore Sediment File  
Data Type: Numeric  
Data Subject: Environmental Geology, Marine Geology, Engineering Geology  
Subjects: Description of physical properties of lake bottom sediment samples and cores, including grain size fractions, logs of hydraulic-jetting sites, maps of sample core and jet sites, and echo sounding traverses  
Keywords: Sedimentology, nearshore environment, sediments, coastal environment, marine geology, Canada  
Organization: National Water Research Institute  
Center Name: National Water Research Institute  
Center Type: Governmental organization  
Address: 867 Lakeshore Road, Burlington, Ontario, Canada L7r 4a6  
Telephone: 416-336-4999 Telex: 061-8296  
Contact: Dr. Norm Rukavina  
Coverage: Regional  
Territory: Canadian Nearshore Zone, Lakes Ontario, Erie, Huron, Georgian  
Time Period: Begin: 1968 End: 1978  
Volume: 4,635 records  
Updates: Irregular  
Computers: CYBER 180  
Software: Inhouse programs  
Output: Compilation  
Language: English  
Availability: Open, fees

Canada (Continued)

Reference: CAND 24 Entry Number: 113

Database: No database title provided  
 Data Type: Numeric  
 Data Subject: Geochemistry, Isotopes  
 Subjects: Soil geochemistry.  
 Keywords: Soils, geochemistry, isotopes, Canada  
 Organization: Geological Survey of Canada  
 Address: 601 Booth Street, Ottawa, Ontario, Canada K1a 0e8  
 Contact: J. R. Belanger  
 Coverage: National  
 Territory: Canada  
 Time Period: Begin: 1978 End: Present  
 Volume: 18,000 records  
 Updates: Annually  
 Computers: IBM-PC  
 Software: House  
 Output: Interactive, compilation  
 Language: English  
 Availability: Open, free

Reference: CAND 25 Entry Number: 121

Database: No database title provided  
 Data Type: Numeric  
 Data Subject: Geophysics  
 Subjects: Grids of airborne surveys.  
 Keywords: Airborne surveys, radioactivity surveys, gamma-ray spectroscopy, uranium ores, Canada  
 Organization: Airborne Geophysics Section, Geological Survey of Canada, Mineral Resources Division  
 Center Name: Geological Survey of Canada  
 Center Type: Geological Survey  
 Address: 601 Booth Street, Ottawa, Ontario, Canada K1a 0e8  
 Telephone: 613-996-3525  
 Contact: R. L. Grasty, J. M. Carson  
 Coverage: National  
 Territory: Canadian Shield with adjacent areas  
 Time Period: Begin: 1971 End: Present  
 Updates: Weekly  
 Computers: VAX 8700 DG MV 4000  
 Software: Inhouse Not A DBMS  
 Output: Batch  
 Language: English  
 Availability: Fees

# Canada (Continued)

Reference: CAND 26

Entry Number: 124

Database: No database title provided  
 Data Type: Numeric  
 Data Subject: Geomorphology - Quaternary Geology, Geochemistry, Isotopes  
 Subjects: Ice flow direction indicators, textual data, carbonate data, erratic dispersal information  
 Keywords: Ice flow, textures, carbonate composition, erratics, isotopes, geomorphology, Canada  
 Organization: Terrain Sciences Division, Geological Survey of Canada  
 Center Type: Geological Survey  
 Address: 601 Booth Street, Ottawa, Ontario, Canada K1a 0e8  
 Contact: Robert K. Burns  
 Coverage: Regional, national, local  
 Time Period: Begin: 1950 End: Present  
 Volume: 40,000 records  
 Updates: Irregular  
 Computers: IBM-PC  
 Software: Rbase  
 Output: Interactive, batch, microforms  
 Language: English

Reference: CAND 27

Entry Number: 123

Database: Plant Macrofossil Reports  
 Data Type: Bibliographic  
 Acronym: PRPT  
 Data Subject: Paleontology, Geomorphology - Quaternary Geology, Stratigraphy  
 Subjects: Lists of plant macrofossils (seeds etc.) with relevant explanatory text from various late tertiary and quaternary sites in Canada and Alaska  
 Keywords: Plantae, seeds, upper tertiary, quaternary, Alaska, northern Canada  
 Organization: Geological Survey of Canada, Terrain Sciences Division  
 Center Type: Geological Survey  
 Address: 601 Booth Street, Ottawa, Ontario, Canada K1a 0e8  
 Telephone: 613-966-6371  
 Contact: J. V. Matthews  
 Coverage: International, national  
 Territory: All of Canada, primarily northern and Alaska  
 Volume: 200-400 records with 3,000-5,000 characters per record  
 Updates: Weekly, monthly  
 Computers: MACINTOSH +  
 Software: Microsoft Word, Helix II  
 Output: Compilation  
 Language: English  
 Availability: Restricted

Reference: CAND 28

Entry Number: 134

Database: Quaternary Entomology Laboratory  
 Data Type: Bibliographic, numeric

# Canada (Continued)

**Acronym:** WATBUGS  
**Data Subject:** Paleontology, Geomorphology - Quaternary Geology, Stratigraphy  
**Subjects:** Quaternary fossil insect occurrences to species level, bibliography of quaternary insect references, and lists of modern coleoptera in Waterloo collection  
**Keywords:** Paleontology, insecta, quaternary, coleoptera, beetle Canada  
**Organization:** Quaternary Entomology Laboratory  
**Center Name:** Quaternary Sciences Institute, University of Waterloo  
**Center Type:** University, special schools  
**Address:** University of Waterloo, Waterloo, Ontario, Canada N2L 3G1  
**Telephone:** 519-885-1211 (Ext 6412) Telex: 695-5259  
**Contact:** Dr. Alan V. Morgan  
**Coverage:** International, national  
**Territory:** Canada (centered on Ontario) including adjacent United States  
**Time Period:** Begin: End:  
**Volume:** 1,500 records with 400 characters per record  
**Updates:** Bi-annually  
**Computers:** On IBM Micros(S), But can be made interactive  
**Software:** IBM Mainframe Spices. Micros (Variety)  
**Output:** Interactive, batch, compilation  
**Language:** English  
**Availability:** Restricted

**Reference:** CAND 29                      Entry Number: 107

**Database:** Radiocarbon Database  
**Data Type:** Bibliographic, numeric  
**Acronym:** DATE LOCATOR FILE  
**Data Subject:** Geomorphology - Quaternary Geology, Regional geology - Mapping  
**Subjects:** Radiocarbon dates on samples processed by the Geological Survey of Canada. Includes date (age) of sample, geographic location, material dated, and comments by the submitter  
**Keywords:** C-14, dates, Canada  
**Organization:** Geological Survey of Canada  
**Center Type:** Geological Survey  
**Address:** 601 Booth Street, Ottawa, Ontario, Canada K1B 0E8  
**Telephone:** 613-995-4241  
**Contact:** Dr. R. McNeely  
**Territory:** Canada  
**Time Period:** Begin: 1960 End: 1987  
**Volume:** 4,600 records with 1,000 characters per record  
**Updates:** Monthly  
**Computers:** VICTOR 9000 with HD (can be run on any MS-DOS machine)  
**Software:** "Carbox-Plus" available from business simulation  
**Output:** Interactive, batch, compilation  
**Language:** English  
**Availability:** Open, free



# Canada (Continued)

Reference: CAND 30

Entry Number: 98

Database: Remote Sensing On Line Retrieval System  
 Data Type: Bibliographic  
 Acronym: RESORS  
 Data Subject: Remote sensing  
 Subjects: All information related to remote sensing and processing of remote sensing data  
 Keywords: Remote sensing, radar surveys, aerial photography, Canada  
 Organization: Under contract to Gregory Geoscience Ltd  
 Center Name: Canada Center for Remote Sensing  
 Center Type: Governmental organization  
 Address: 1547 Merivale Road, 4th Floor, Ottawa, Ontario, Canada K1a  
 Telephone: 613-952-2706 Telex: 053-4777  
 Contact: G. Thirlwall-Wilbee  
 Coverage: Regional  
 Time Period: Begin: 1900 End: Present  
 Volume: 62,000 records  
 Updates: Monthly  
 Computers: DEC 10  
 Software: Written in-house  
 Output: Interactive, microforms  
 Language: English  
 Availability: Open, free

Reference: CAND 31

Entry Number: 93

Database: Sediment File - Field Data  
 Data Type: Bibliographic  
 Acronym: SEDFIL - FIELD  
 Data Subject: Marine Geology, Geomorphology - Quaternary Geology  
 Subjects: Soft sediment sample field data for all Pacific Geoscience Centre archived samples.  
 Sample number, sampling location, date, time, collector, type of sample, recovery success, other data types collected simultaneously  
 Keywords: Field data, sample locations, western Canada, offshore, sediments, marine geology, Canada  
 Organization: Geological Survey of Canada  
 Center Name: Pacific Geoscience Centre  
 Center Type: Geological Survey  
 Address: PO Box 6000, 9860 West Saanich Road, Sidney, British Columbia, Canada V8L 4B2  
 Telephone: 604-356-6500 Telex: 049-7281  
 Contact: Trudie Horel, G. Forbes  
 Coverage: Regional  
 Territory: West coast and offshore of Canada  
 Time Period: Begin: 1974 End: Present  
 Volume: 10,600 records with 270 characters per record  
 Updates: Monthly  
 Computers: Compaq 386 Deskpro  
 Software: dBASE III Plus  
 Output: Interactive, batch, compilation

# Canada (Continued)

Language: English  
Availability: Restricted, free

Reference: CAND 32                      Entry Number: 133

Database: Sediment File - Grain Size Data  
Data Type: Numeric  
Acronym: SEDFIL - GRAIN  
Data Subject: Marine Geology, Geomorphology - Quaternary Geology  
Subjects: Grain size data (size distribution) of marine surficial sediment samples analyzed in the Pacific Geoscience Centre sediment laboratory. Laboratory apparatus used: gravels by sieve, sands by settling tube, and muds by sedigraph  
Keywords: Grain size, offshore, western Canada, coastal environment Canada  
Organization: Geological Survey of Canada  
Center Name: Pacific Geoscience Centre  
Center Type: Geological Survey  
Address: PO Box 6000, 9860 West Saanich Road, Sidney, British Columbia, Canada V8L 4B2  
Telephone: 604-356-6500    Telex: 049-7281  
Contact: Trudie Horel, G. Forbes  
Coverage: Regional  
Territory: West coast and offshore of western Canada  
Time Period: Begin: 1984    End: Present  
Volume: 1,856 records with 744 characters per record  
Updates: Weekly  
Computers: Compaq 386 Deskpro  
Software: Dbase III/Plus  
Output: Interactive, batch, compilation  
Language: English  
Availability: Restricted, free

Reference: CAND 33                      Entry Number: 111

Database: Seed Reference Collection  
Data Type: Bibliographic  
Acronym: SEED  
Data Subject: Paleontology, Geomorphology, Quaternary Geology  
Subjects: Seed reference collection of Canadian plants  
Keywords: Seeds, plantae, Canada  
Organization: Geological Survey of Canada, Terrain Sciences Division  
Center Type: Geological Survey  
Address: 601 Booth Street, Ottawa, Ontario, Canada K1A 0A8  
Telephone: 613-996-6371  
Contact: J. V. Matthews  
Coverage: National  
Territory: Canada  
Volume: 2,100 records with 200 characters per record  
Updates: Monthly

Canada (Continued)

Computers: Macintosh +  
 Software: Microsoft Word, Helix II  
 Output: Interactive, compilation  
 Language: English  
 Availability: Open

Reference: CAND 34 Entry Number: 108

Database: Silurian - Devonian Palynology  
 Data Type: Bibliographic  
 Acronym: FLDDAT  
 Data Subject: Paleontology, Stratigraphy  
 Subjects: Location, taxonomic, and bibliographic data for all Geological Survey of Canada localities from which samples of rock of Silurian and Devonian age were investigated for spore content  
 Keywords: Stratigraphy, palynology, palynomorphs, miospores, Silurian, Devonian, Canada  
 Organization: Geological Survey of Canada  
 Center Name: Geological Survey of Canada  
 Center Type: Geological Survey  
 Address: 601 Booth Street, Ottawa, Ontario, Canada K1a 0e8  
 Telephone: 613-995-4680 Telex: 053-3117 EMAR  
 Contact: D. Colin McGregor  
 Coverage: International, national  
 Time Period: Begin: 1985 End: Present  
 Volume: 10 Megabytes  
 Updates: Weekly  
 Computers: Compaq Deskpro 386  
 Software: R Base System V  
 Output: Interactive, batch, compilation, reports, bulletins  
 Language: English  
 Availability: Restricted, free

Reference: CAND 35 Entry Number: 132

Database: Surveying & Mapping Data Bank (Database)  
 Data Type: Bibliographic  
 Acronym: SMDB  
 Data Subject: General Geosciences, Remote sensing, Regional geology, Mapping  
 Subjects: Statistical data on the world's surveying and mapping operation in conjunction with the United Nations. World cartography (topographic and thematic), geodesy, photogrammetry, remote sensing, cadastral and engineering surveying, hydrographic surveying, etc. Covers map revision, manpower, expenditures, and equipment  
 Keywords: Surveys, mapping, global, Canada  
 Organization: Photogrammetry Laboratory, Faculty of Forestry & Geodesy, Laval University, Quebec, Quebec, Canada G1k 7p4  
 Center Type: University, special schools  
 Address: Faculty of Forestry and Geodesy, Pav. Casault, Laval University, Quebec, Quebec, Canada G1k 7P4

Canada (Continued)

Telephone: 418-656-2523 Telex: 513-1621 UNIL  
Contact: Dr. A. J. Brandenberger  
Coverage: International, regional, national, local  
Territory: Global  
Time Period: Begin: 1965 End: Present  
Volume: 100,000 records  
Updates: Daily  
Computers: Use of computer being considered  
Software: In Preparation  
Output: Interactive, compilation  
Language: English, French, Eventual German  
Availability: Open, restricted, fees

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**Chile**

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Reference: CHIL 1 Entry Number: 144

Database: Documental Base of Geology and Mining  
Data Type: Bibliographic  
Acronym: GEOMINBIBLO  
Data Subject: General Geosciences  
Subjects: Theses and publications on the geology and mineral industry of Chile and the rest of Latin American countries; includes a minority of North American and European publications  
Keywords: Areal geology, Chile  
Organization: Servicio Nacional De Geologia Y Minería  
Center Name: Chilean Geological & Mining Survey  
Center Type: Governmental organization  
Address: Avenida Santa Maria 0104, PO Box 10465 Or, Santiago, Chile  
Telephone: 375050  
Contact: Hugo Conn  
Coverage: National data, international data  
Territory: Chile, South America, Latin America  
Time Period: Begin: 1933 End: Present  
Volume: 5,000 records with 1,800 characters per record  
Updates: Monthly  
Computers: Alphamicro 1092  
Software: Cuadra Associates, Inc, 1986 Version 2.3  
Output: Interactive, compilation  
Language: Spanish  
Availability: Open, fees

Reference: CHIL 2 Entry Number: 146

Database: Factual Base of Geology And Mining  
Data Type: Numeric  
Acronym: GEOMINDATA

# Chile (Continued)

**Data Subject:** Metallic Mineral Resources, Non-Metallic Min. Res., Petrology  
**Subjects:** Metallic and non-metallic mineral resources, petrographic analysis, and geochemical, rock, and heavy-mineral analysis, magnetic susceptibility; geochronology  
**Keywords:** Mineral resources, Chile  
**Organization:** Servicio Nacional De Geologia Y Minería  
**Center Name:** Chilean Geological & Minign Survey  
**Center Type:** Governmental organization  
**Address:** Avenida Santa Maria 0104, Po Box 10465 Or, Santiago, Chile  
**Telephone:** 375050  
**Contact:** Hugo Conn  
**Coverage:** Regional data, national data  
**Territory:** Chile  
**Time Period:** Begin: 1981 End: Present  
**Volume:** 50,000 records with 6,000 characters per record  
**Updates:** Annually  
**Computers:** Alphamicro 1092 and IDM-500 Briton Lee  
**Software:** IDL (Intelligent Data Language) and Freeform  
**Output:** Interactive, compilation  
**Language:** Spanish  
**Availability:** Open, fees

**Reference:** CHIL 3                      Entry Number: 141

**Database:** Fototeca (Air Photographic File) Mapoteca (Aeronautical Maps)  
**Data Type:** Numeric Bibliographic  
**Acronym:** FOTOTEC S.A.F. MAPOT  
**Subjects:** Several airphotogrammetric files and aeronautical cartographic files  
**Keywords:** Mineral resources, exploration, air photography, Chile  
**Organization:** Servicio Aerofotogrametrico  
**Center Name:** Airphotogrametric Survey  
**Center Type:** Governmental organization  
**Address:** Aeropuerto Los Cerrillos - Maipu, Casilla 67, Los Cerrillos- Santiago, Chile  
**Telephone:** 5572003 Telex 2-40055 cl f.a  
**Contact:** Ettore Rossi Zerega, Roberto Richardson Varas  
**Coverage:** National data  
**Territory:** Chile  
**Time Period:** Begin: 1957 End: 1988  
**Updates:** Daily, Monthly, Annual  
**Computers:** IBM PC/AT  
**Software:** dBase III  
**Output:** Compilation  
**Language:** Spanish  
**Availability:** Open, restricted

**Reference:** CHIL 4                      Entry Number: 145

**Database:** Geological, Geochemical and Radiometric Databases  
**Data Type:** Numeric Bibliographic

# Chile (Continued)

Acronym: CCHENGEODATA  
 Data Subject: Geochemistry, Isotopes, Petrology; Igneous - Metamorphic  
 Subjects: Group of data banks of geological information  
 Keywords: Uranium, petrography, exploration, anomalies, Chile  
 Organization: Comision Chilena De Energia Nuclear  
 Center Name: Chilean Comission For Nuclear Energy  
 Center Type: Governmental organization  
 Address: Casilla 188-D Santiago - Chile, Chile  
 Telephone: 6990070 Telex 340468cochen c  
 Contact: Fortin Heriberto Y Serrano Mario  
 Coverage: National data  
 Time Period: Begin: 1987 End: Present  
 Volume: 1,600 records with 130 characters per record  
 Updates: Each Semester  
 Computers: Digital VAX 11/780 Microvax/II  
 Software: In Development  
 Output: Interactive, batch  
 Language: Spanish  
 Availability: Restricted, free

Reference: CHIL 5 Entry Number: 139

Database: IGBA  
 Data Type: Numeric Bibliographic  
 Acronym: IGBA/CHILE  
 Data Subject: Petrology; Igneous-Metamorphic  
 Subjects: IGBA format database including major elements, trace elements, minor elements, petrographic data, rock ages, structures, alteration, etc  
 Keywords: Igneous rocks, petrology, Antarctica, Chile  
 Organization: IUGS Subcommittee on Databases for Petrology (IGCP #239)  
 Center Name: World Database #1  
 Center Type: Information center, library  
 Address: Smithsonian Institution, MS 129, Washington, DC 20560 USA  
 Telephone: 202-357-4690 Telex 89599  
 Contact: Dr. Felix Chayes  
 Coverage: National data  
 Territory: Chilean Territory including Antarctica  
 Volume: 2,500 records with approx. 150 characters per record  
 Updates: Bi-Annually  
 Computers: VAX - 11/750  
 Software: IGBADAT Software  
 Output: Interactive, compilation  
 Availability: Open, fees

Reference: CHIL 6 Entry Number: 140

Database: Igneous Rocks of Chile  
 Data Type: Numeric

# Chile (Continued)

**Acronym:** RICH  
**Data Subject:** Petrology; Igneous-Metamorphic, Tectonics Structural Geology subjects: Major and minor element data from igneous rocks. This Database is under development. The next step is to input locations (geologic and geographical) associated with the data  
**Keywords:** Major elements, minor elements, igneous rocks, Chile  
**Organization:** Dpto. Geociencias Universidad de Concepcion  
**Center Name:** Geosciences Department, Concepcion University  
**Center Type:** University, special schools  
**Address:** Casilla 3-C, Concepcion, Chile  
**Telephone:** +56-41-234585 Telex 260157 inconcl  
**Contact:** Leonardo L. Diaz  
**Coverage:** National data  
**Territory:** Chile  
**Volume:** 2,000 records of about 120 characters per record  
**Updates:** Bi-Annually  
**Computers:** DEC  
**Software:** In house for validity checking, SPSS or BMDP  
**Output:** Compilation  
**Language:** English (Spanish for checking input)  
**Availability:** Open, fees

**Reference:** CHIL 7                      Entry Number: 143

**Database:** Informap  
**Data Type:** Numeric  
**Acronym:** INFOR  
**Data Subject:** General Geosciences  
**Subjects:** Non-graphic information of local cadastres. Copiapo, Quilicura (Location of IGM Regional Office or area of coverage)  
**Keywords:** Geography, data processing, Chile  
**Organization:** Instituto Geografico Militar De Chile  
**Center Name:** Military Geographic Institute  
**Center Type:** Governmental organization  
**Address:** Santiago, Chile  
**Telephone:** 6968227  
**Contact:** Brigadier Roberto Castillo Viel  
**Coverage:** Local data  
**Territory:** Copiapo, Quilicura (See Subjects)  
**Time Period:** Begin: 11/1980 End: 06/198  
**Volume:** 185,600 bytes  
**Updates:** Daily  
**Computers:** Digital PDP 11/70, 758 KW  
**Software:** Infor-Mapping-Cogo operating system Rxs-11m  
**Language:** English, Spanish  
**Availability:** Restricted

# Chile (Continued)

Reference: CHIL 8 Entry Number: 142

Database: Mineral Deposits, Beneficiation Plants  
 Data Type: Bibliographic  
 Acronym: DEPMIN  
 Data Subject: Metallic and Non-Metallic Mineral Resources  
 Subjects: Description of 5,000 mineral deposits (metallic and non-metallic) and 400 mineral processing plants  
 Keywords: Mineral resources, beneficiation, Chile  
 Organization: Centro de Informacion de Recursos Naturales Ciren-Corfo  
 Center Name: Natural Resources Information Center  
 Center Type: Information center, library  
 Address: Santiago-Chile, Chile  
 Telephone: 2236641-749669 Telex 242017cirencl  
 Contact: Maria Isabel Gonzalez  
 Coverage: National data  
 Time Period: Begin: 1986 End: 1987  
 Volume: 5,400 records with 1,000 characters per record  
 Updates: Annually  
 Computers: Digital E Intergraph PDP 1170 - Microvax-11  
 Software: National System of Mineral Deposits  
 Output: Interactive, reports, bulletins  
 Language: Spanish  
 Availability: Restricted, fees

## China

Reference: CHIN 2

Database: Chinese Marine Factual Database  
 Data Type: Numeric  
 Acronym: CMFIDB  
 Data Subject: Marine geology  
 Subjects: Ocean resources, marine mineral resources incl. petroleum exploration, ocean energy, marine gazetteer (islands, ports, ridges, canyons, reefs, banks, troughs, etc.), ocean station data, marine disasters, manganese nodules  
 Keywords: China  
 Organization: Guojia haiyangju naiyang keji quingbao yanjusuo  
 Center Name: State Oceanic Administration of China  
 Center Type: Research institute  
 Address: Institute of Marine Scientific and Technological Information (IMSTI), P.O. Box 75, (Director - Xu Qiwan), Tianjin, China  
 Telephone: 022-24-4162  
 Contact: Chen Yingzhen  
 Coverage: International, national  
 Territory: China  
 Time Period: Begin: 1981  
 Updates: Monthly  
 Output: Batch, special reports  
 Language: Chinese, English



China (Continued)

Availability: Restricted, fees

Reference: CHIN 1 Entry Number: 147

Database: CNNC Remote Sensing Facility Database  
 Data Type: Numeric  
 Acronym: RSF/DB  
 Data Subject: Metallic Mineral Resources  
 Subjects: Remote sensing of mineral resources in China  
 Keywords: Metal ores, China  
 Center Name: China National Non-Ferrous Metals Industry Corporation  
 Address: CNNC, CNNC Remote Sensing Facility, Xizhang Hutong 9, Xizhimennei Dajie, Beijing, People's Republic of China  
 Telephone: 65-70-31/528 Telex 22086 cniec-cn  
 Contact: Mr. Yuan Weixin, Geologist  
 Coverage: National data  
 Territory: National Territory of the People's Republic of China  
 Time Period: Begin: Early 1930 End: Present  
 Volume: No estimation available at present. Survey to occur 3/10/1988  
 Updates: Planned trimestrial  
 Computers: VAX 11/780  
 Software: Negotiation under way with supplier  
 Output: Interactive, batch, microforms, compilation  
 Language: English  
 Availability: Restricted

Reference: CHIN 3 Entry Number: 153

Database: Database for Basin Resources Forecasting of Oil and Gas  
 Data Type: Numeric  
 Acronym: MGMRC  
 Data Subject: Fuels Energy Resources Tectonics Structural Geology  
 Keywords: Fuel Resources, oil and gas fields, structural traps, sedimentary basins, China  
 Organization: Central Laboratory of Petroleum Geology; Di Kuan Bu Shiyong Dizhi Zhongxin Shiyanshi  
 Center Name: Central Laboratory of Petroleum Geology, MGMRC  
 Center Type: Governmental organization  
 Address: Quianquiao, Wuxi, Jiangsu, China  
 Telephone: 668043  
 Contact: Zhan Hongzhi  
 Coverage: National  
 Territory: People's Republic of China  
 Time Period: Begin: 1986 End: Present  
 Volume: 240,000 records - 5 megabytes  
 Updates: Monthly  
 Computers: IBM 4361  
 Software: Sql/Ds  
 Output: Online, batch, data compilations  
 Language: Chinese

# China (Continued)

Availability: Restricted

Reference: CHIN 4

Database: Database on Ground Object Spectra  
 Data Type: Numeric  
 Data Subject: Remote sensing, Environmental Geology, Geomorphology - Quat  
 Subjects: Image processing in remote sensing, including spectral reflectance, structure of objects on ground (e.g., soil, rocks, water, flora)  
 Keywords: Remote sensing, imagery, spectrum, reflectance, property, soil, rock, China  
 Organization: Zhongguo kexueyuan Guangzhou dizhi xinjishusue  
 Center Name: Guangzhou Institute of New Techniques in Geology  
 Center Type: Research institute  
 Address: Guangzhou Institute of New Techniques in Geology, P.O. Bo 1131, GUANZHOU, Guangdong Province, CHINA, P.R.  
 Telephone: 020-77-5932  
 Contact: Ye Zonghuai  
 Coverage: National  
 Territory: China  
 Time Period: Begin: 1982  
 Volume: 3,000 records  
 Updates: Continuously  
 Output: Batch, bulletins, special reports  
 Language: Chinese, interaction with English  
 Availability: Open, fees

Reference: CHIN 5 Entry Number: 151

Database: Di Kuang Bu Jishu Zhuang Bei Yanjiu Suo  
 Data Type: Numeric Bibliographic  
 Acronym: MARINE  
 Data Subject: Marine Geology Fuels Energy Resources  
 Keywords: Marine geology, marine installations, offshore, bathymetry, gravity surveys, China  
 Organization: Ministry Of Geology And Mineral Resources  
 Center Name: Marine Geology, Geology and Mineral Resources Ministry  
 Center Type: Regional institute  
 Address: Institute of Marine Geology, Beijing, China  
 Coverage: Regional  
 Territory: Chinese offshore and north-west part  
 Time Period: Begin: 1985 End: Present  
 Updates: Continuously  
 Computers: GR. WALL (PC)  
 Software: dBASE II/Autocad  
 Output: Online (internal), compilations  
 Language: Chinese  
 Availability: Restricted

# China (Continued)

Reference: CHIN 6

Database: Earth Gravity Tide Database  
 Data Type: Numeric  
 Data Subject: Geophysics, General Geosciences  
 Subjects: Geophysics-mainly Earth gravity field, earth tides, earth rotation and polar movements, earth crust movement and continental drift. Database on Earth rotation parameters and atmosphere excitation functions  
 Keywords: China  
 Organization: Zhongguo kexueyuan celiang yu diqiu wuli yanjiusuo  
 Center Name: Inst. of Geodesy and Geophysics, Chinese Academy of Sciences  
 Center Type: Research institute  
 Address: Zhongguo kexueyuan celiang diqiu wuli, Yanjiusuo/Dir.Xu-Houze, 54 Xudong Rd., WUCHANG, Hubei Province, China  
 Telephone: 027-81-3401  
 Contact: Xiaoqing, Zhang  
 Coverage: National, International  
 Territory: China and Eastern Hemisphere  
 Time Period: Begin: 1981  
 Volume: 8 megabytes  
 Computers: IBM PC/XT  
 Output: Batch, special reports  
 Language: Chinese, interaction in English  
 Availability: Restricted, fees

Reference: CHIN 7

Database: National Mineral Reserve Database  
 Data Type: Bibliographic  
 Acronym: MMRDB  
 Data Subject: Metallic mineral resources, non-metallic min. resources, fuels  
 Subjects: Mineral reserves, quantity and quality of ores, type of deposits, mining, hydrogeology of deposits, water supply  
 Keywords: China  
 Organization: Guojia dizhi ziliaouju  
 Center Name: National Archives Bureau of the Ministry of Geology  
 Center Type: Geological Survey  
 Address: National Archives Bureau of the Ministry of Geology, 277 Ganjiakou, Beijing, China  
 Telephone: 01-89-2947  
 Contact: Xia Rongfu  
 Coverage: National  
 Territory: China  
 Time Period: Begin: 1970  
 Volume: 900 megabytes  
 Output: Batch, data compilations, bulletins, special reports  
 Language: Chinese, interaction in English  
 Availability: Restricted, fees

China (Continued)

Reference: CHIN 8 Entry Number: 152

Database: North China Fuel Resources Forecasting Database  
 Data Type: Numeric  
 Acronym: MGMRC-ZYLK  
 Data Subject: Fuels Energy Resources  
 Keywords: Fuel resources, sedimentary basins, statistical analysis, China  
 Organization: North China Geological Exploration - Hua Bei Ju Dizhi Yanjiu Da Dui  
 Center Name: MGMRC, Resources Forecasting of Oil and Gas: ZYLK  
 Center Type: Governmental organization  
 Address: Hongmen, Xinxiang, Hanan, China  
 Telephone: 54951-283 ext  
 Contact: Lei Zhifu  
 Coverage: Regional, local  
 Territory: North China  
 Time Period: Begin: 1986 End: Present  
 Volume: 80,000 records  
 Updates: Quarterly  
 Computers: DUAL 83/80  
 Software: Ingres; Quel; Under Unix Os; Plotting  
 Output: Online, batch, data compilations  
 Language: Chinese  
 Availability: Open, fees

Reference: CHIN 9 Entry Number: 149

Database: Oil Production and Exploration-Daging Kantan Kaifa Yanjiu  
 Data Type: Numeric  
 Acronym: DKKYYJZ  
 Data Subject: Fuels and Energy Resources Petrology  
 Subjects: For oil production administration; it involves well-logs, petrology and stratigraphy data  
 Keywords: Oil and gas fields, oil wells, well logs, production, exploration, drilling, China  
 Organization: Daging Exploration and Development Institute of Ministry of Petroleum Geology  
 Center Name: Computer Center for Daging Exploration and Development  
 Center Type: Exploration, mining  
 Address: Daging, Heilongjiang, China  
 Telephone: 55904  
 Contact: Zhao Shuren  
 Coverage: National  
 Territory: People's Republic of China  
 Volume: 500,000 records  
 Updates: Continuosly  
 Computers: CYBER 830  
 Software: Dms-170, Tlg-Well Log, Uniplot  
 Output: Online, batch, data compilations  
 Language: Chinese  
 Availability: Restricted

# China (Continued)

Reference: CHIN 10

Database: Thermodynamic Database of Minerals and Compounds  
 Data Type: Numeric  
 Acronym: TDMC  
 Data Subject: Mineralogy, Geochemistry, Isotopes  
 Subjects: Thermodynamic properties data of minerals and compounds in which entropy, enthalpy, gibbs energy and equilibrium constant values of formation for relevant elements and minerali are included  
 Keywords: China  
 Organization: Zhongguo kexneyuah diqiu huaxue yanjusuo  
 Center Type: Research institute  
 Address: Institute of Geochemistry of IGCAS, P.O. Box 91, 73 Guanxhui Ra. Guiyang, Guizhou Province, China  
 Telephone: 0851-2-5502 Telix: 7181  
 Contact: Lin Chuanxian  
 Territory: China  
 Time Period: Begin: 1976 (1984 on tape)  
 Volume: 1,100  
 Updates: Continuously  
 Computers: IBM PC/XT  
 Software: dBASE III  
 Output: Interactive, special reports  
 Language: Chinese and English  
 Availability: Open, fees

Reference: CHIN 11 Entry Number: 148

Database: Tongling Quadrangle Map Resources Forecasting Database  
 Data Type: Numeric  
 Data Subject: Regional Geology-Mapping Geology, Metallic Mineral Resources  
 Subjects: Economic geology data in an area of Tongling - complex mapping at 1:200,000; statistical analysis, lotting  
 Keywords: Mapping, economic geology maps, metallogeny, mineral resources, statistical models,Tongling, China organization: Wuhan Dizhi Xueyan-Wuhan College of Geology, Ministry of Geology and Mineral Resources  
 Center Name: Wuhan College of Geology, Yujiashan  
 Center Type: Governmental organization  
 Address: Yujiashan, Hebei 430074, China  
 Telephone: 870384  
 Contact: Li Zijin  
 Coverage: Local  
 Territory: Tongling, Wuhan, Quadrangle Map 1:200,000  
 Volume: 170,000 records - 60,000 ore deposits  
 Computers: Hitachi M-160/2  
 Software: MSL package and plotting software (under Vos 2)  
 Output: Batch, data compilations  
 Language: Chinese  
 Availability: Restricted

China (Continued)

Reference: CHIN 12 Entry Number: 150

Database: Well Log Database  
 Data Type: Numeric  
 Acronym: SKKKYY  
 Data Subject: Fuels Energy Resources, Geophysics  
 Subjects: Compilation of well log data involving statistical analysis and quantitative interpretation  
 Keywords: Well logs, stratigraphy, stratigraphic traps, sedimentation, oil and gas fields, China  
 organization: Institute For Petroleum Exploration - Shiyou Kantan Kaifa Kexue Yanjiu Yuan  
 Center Name: Petroleum Exploration Institute, Petroleum Industry Ministry  
 Center Type: Governmental organization  
 Address: 2c College Road, Beijing, China  
 Telephone: 2017731/292 ext  
 Contact: Zhang Ju  
 Coverage: National  
 Territory: People'S Republic of China  
 Volume: 1,800,000 records  
 Updates: Monthly  
 Computers: Great Wall 0520  
 Software: Dbase III and Application Programs  
 Output: Batch, data compilations  
 Language: Chinese, English  
 Availability: Open

**Commonwealth of Independent States**

Reference: CIS 1

Database: Documentation Information Retrieval System  
 Data Type: Bibliographic  
 Acronym: ASNTI, VSEGEI  
 Data Subject: Regional geology, Mapping geology, Metallic mineral resources  
 Subjects: Bibliography and abstracts on tectonics, regional geology, petrology of igneous rocks and metamorphic rocks, mineral deposits, except fuels, stratigraphy  
 Keywords: Information retrieval system, tectonics, mineral deposits, stratigraphy, petrology, Commonwealth of Ind. States  
 Organization: Vsesoyuznyj nauchno-issledovatel,skij geologicheskij institut im.A.P.Karpinskogo. Otdel geoinformatiki i marketinga  
 Center Name: All-Union Geol. Res. Inst., Div. of Geol. Info. and Marketing  
 Center Type: Research institute  
 Address: All-Union Geol. Res. Inst., Div. of Geol. Info. and Marketing, VSEGEI, Srednij pr. 74, 199026, St. Petersburg-26, Russia  
 Telephone: 812-2189128  
 Contact: Arkad'evich, Toporets Stanislav  
 Coverage: International  
 Time Period: Begin: 1975  
 Volume: 75,000

# Commonwealth of Independent States (Continued)

Updates: Monthly  
Computers: ES-1036  
Software: Regas-D  
Output: Interactive, special reports  
Language: Russian  
Availability: Open, fees

Reference: CIS 2

Database: Far Eastern Databank of Rock and Mineral Geochemistry  
Data Type: Numeric  
Acronym: Dalgeochembank (Fareasterngeochembank)  
Data Subject: Petrology; Igneous-Metamorphic, Geochemistry, Isotopes  
Subjects: Primary analytic data for all rocks of Amur basin with density 1 analysis on 100 sq.km. Concentration of 40 rock-forming and trace elements - 20 elements were determined by quantitative methods and 20 elements - semi-quantitative methods. 2300 analyses  
Keywords: Geochemistry, rocks, petrochemistry, regional geochemistry, Far Eastern Russia, Commonwealth of Ind. States  
Organization: Far Eastern Research Institute of Raw Materials (DVIMS), Department of prognos  
Center Name: Far Eastern Research Institute of Raw Materials (DVIMS)  
Center Type: Research institute  
Address: Department of prognos, 31, Gerasimov str., 680021, Khabarovsk, Russia, 14166  
PROBA  
Telephone: 4212-340659  
Contact: Burde, Boris  
Coverage: Regional  
Territory: Basin of river Amur (Khabarovsk and Amursky regions, USSR)  
Time Period: Begin: 1960 End: 1991  
Updates: Annually  
Computers: IBM PC/AT, ES 1030  
Output: Interactive, batch  
Language: Russian  
Availability: Open, fees

Reference: CIS 3

Database: Geochem. of the Krivoy-Rog-Kremenchug Structural Facies Zone  
Data Type: Numeric  
Acronym: GEOMET Krivbass  
Data Subject: Geochemistry, Isotopes, Regional geology-Mapping geology  
Subjects: Coordinates of sample, composition of rocks rock-forming minerals, stratigraphic position, content of elements, date of sampling, laboratory  
Keywords: Geochemistry, minor elements, Precambrian, regional geology, Krivoy-Rog-Kremenchug region, Commonwealth of Ind. States  
Organization: Institut geokhimii i fiziki mineralov A.N.Ukrainy. Laboratoriya komp'yuternogo modelirovaniya metallogenicheskikh i geokhologicheskikh protsessov  
Center Name: Inst. Geochem. Physics Min. Ukrainian Acad. Sci. Laboratory

Commonwealth of Independent States (Continued)

Center Type: Research institute  
 Address: Institute of Geochemistry and Physics of Minerals of the Ukrainian Academy of Sciences of Metallogenic and Environmental Processes, Palladin pr.34, 252680, Kiev-142, Kiev District, Ukraine  
 Telephone: 044-444-01-73  
 Contact: Aleksandrovich, Gorlitskij Boris  
 Coverage: Local  
 Territory: Krivoy-Rog-Kremenchug structural facies zone  
 Time Period: Begin: 1987  
 Volume: 40,000  
 Updates: Continuously  
 Computers: ES-1045  
 Output: Interactive, batch, special reports  
 Language: Russian  
 Availability: Open, fees

Reference: CIS 4

Database: Geochemical Anomalies of Ukraine  
 Data Type: Numeric  
 Data Subject: Geochemistry, Isotopes, Metallic mineral resources  
 Subjects: Content of anomalous geochemical elements, coordinates, enclosing rocks, superimposed processes, structural stratigraphic position and primary source of data  
 Keywords: Ukraine, geochemistry, anomalies, geochemical exploration, Commonwealth of Independent States  
 Organization: Institut geokhimii i fiziki mineralov A.N.Ukrainy. Laboratoriya komp'yuternogo modelirovaniya metallogenicheskikh i geohkologicheskikh protsessov  
 Center Name: Inst. Geochem. Physics Min. Ukrainian Acad. Sci. Laboratory  
 Center Type: Research institute  
 Address: Institute of Geochemistry and Physics of Minerals of the Ukrainian Academy of Sciences Laboratory of Computer Modelling of Metallogenic and Environmental Processes, Palladin pr.34, 252680, Kiev-142, Kiev District, Ukraine  
 Telephone: 044-444-01-73  
 Contact: Aleksandrovich, Gorlitskij Boris  
 Coverage: National  
 Territory: Ukraine  
 Time Period: Begin: 1960  
 Volume: 22,000  
 Updates: Continuously  
 Computers: IBM PC/AT  
 Output: Interactive, batch, special reports  
 Language: Russian  
 Availability: Open, fees

Reference: CIS 5

Database: Geochemical Database of Northeast Russia



Commonwealth of Independent States (Continued)

**Data Type:** Numeric  
**Acronym:** BGD NE Russia  
**Data Subject:** Geochemistry, Isotopes, Regional geology-mapping geology  
**Subjects:** For the entire Magadan district there are geochemical samples on the grid 1:1 km x km. Local databases cover 30% of the Magadan district, they contain geochemical samples (ore metallometry). Samples have the Gauss-Kruger coordinate correlation  
**Keywords:** Magadan district, geochemical sampling, bottom sampling, metallometric regional ore territories, endogenic aureoles, Commonwealth of Ind. States  
**Organization:** Tsentr obrabotki informatsii GEMA  
**Center Name:** Information Processing Center GEMA  
**Center Type:** Private company  
**Address:** Tsentr obrabotki informatsii GEMA, Proletarskaya 11, 685000, Magadan, Magadan district, Russia  
**Telephone:** 41300-42783  
**Contact:** Petrovich, Kuklin Aleksandr  
**Coverage:** Local, Regional  
**Territory:** Magadan district  
**Time Period:** Begin: 1972 End: 1990  
**Volume:** 22,000,000  
**Updates:** Continuously  
**Computers:** IBM PC/AT  
**Software:** SDP  
**Output:** Interactive, batch  
**Language:** Russian  
**Availability:** Open, fees

**Reference:** CIS 6

**Database:** Geological Structure and Mineral Resources - Magadan District  
**Data Type:** Numeric  
**Data Subject:** Regional geology-Mapping geology, Metallic mineral resources  
**Subjects:** The complete model of geological, tectonic, lithological, geomorphological, metallogenic structure of the territory is presented in DB in a numerical form. The description uses over 6,000 of geological terms and notions; over 20,000 showings and deposits  
**Key Words:** Magadan district, lithology, stratigraphy, tectonics, geomorphology, mineral resources, metallogeny, Commonwealth of Ind. States  
**Organization:** Tsentr obrabotki informatsii GEMA  
**Center Name:** Information Processing Center GEMA  
**Center Type:** Private company  
**Address:** Tsentr obrabotki informatsii GEMA, Proletarskaya 11, 685,000, Magadan, Magadan district, Russia  
**Telephone:** 41300-42783  
**Contact:** Petrovich, Kuklin Aleksandr  
**Coverage:** Regional  
**Territory:** Magadan district  
**Time Period:** Begin: 1963 End: 1984  
**Volume:** 175,000  
**Updates:** Continuously  
**Computers:** IBM PC/AT

# Commonwealth of Independent States (Continued)

Software: SDP  
Output: Interactive, batch  
Language: Russian  
Availability: Open, fees

Reference: CIS 7

Database: Geological-Geochemical Model of the Ukrainian Shield  
Data Type: Numeric  
Acronym: GEOMET of the Ukrainian Shield  
Data Subject: Geochemistry, Isotopes, Regional geology-Mapping geology  
Subjects: Precambrian of the Ukrainian Shield, stratigraphy, type rocks, mineral composition, occurrence areas, contents of petrogenic and minor elements, tectonic faults and geophysical characteristics  
Keywords: Regional chemistry, petrochemistry, regional geology, Precambrian, Volumetric modelling, Ukrainian Shield, Commonwealth of Ind. States  
Organization: Institut geokhimii i fiziki mineralov AN Ukrainy. Laboratoriya komp'yuternogo modelirovaniya metallogenicheskikh i geoekologicheskikh protsessov  
Center Name: Inst. Geochem. Physics of Min. Ukrainian Acad. Sci. Lab  
Center Type: Research institute  
Address: Institute of Geochemistry and Physics of Minerals of the Ukrainian Ac. Sci. Laboratory of Computer Modelling of Metallogenic and Environment Processes, Palladin pr.34, 252680, Kiev-142, Kiev District, Ukraine  
Telephone: 044-444-01-73  
Contact: Aleksandrovich, Gorlitskij Boris  
Coverage: Regional  
Territory: Ukrainian Shield  
Time Period: Begin: 1970  
Volume: 5,000  
Updates: Continuously  
Computers: ES-1045, PC/AT  
Output: Interactive, batch, special reports  
Language: Russian  
Availability: Open, fees

Reference: CIS 8

Database: Knowledge Base System of Dynamic Prediction  
Data Type: Numeric  
Data Subject: Metallic mineral resources  
Subjects: Contains the database on deposits of the Pacific ore belt, Far East, Central Siberia, Central Asia and the database is presented in the form of statements (conditions and conclusions), collected on the basis of presentations by the leading geologists-metallogenists  
Keywords: Knowledge base, mineral deposits, geological setting, Commonwealth of Ind. States  
Organization: Tsentri obrabotki informatsii GEMA  
Center Name: Information Processing Center, GEMA

Commonwealth of Independent States (Continued)

Center Type: Private company  
 Address: Tsentr obrabotki informatsii GEMA, Proletarskaya 111, 685,000, Magadan, Magadan  
 District, Russia  
 Telephone: 41300-42753  
 Contact: Petrovich, Kuklin Aleksandr  
 Coverage: Regional  
 Time Period: Begin: 1982  
 Volume: 17,000  
 Updates: Continuously  
 Computers: ES-1055, PC/AT  
 Software: SDP  
 Output: Interactive, batch  
 Language: Russian  
 Availability: Open, fees

Reference: CIS 9

Database: Primary Database on Geochemistry  
 Data Type: Numeric  
 Acronym: VSEGEI "GEOKHIMIYA"  
 Data Subject: Geochemistry, Isotopes, Petrology; Igneous Metamorphic  
 Subjects: Geological observation with a coordinates correlation, samples, petrographic characteristics of rocks, formations, complexes, masses, shapes of bodies; minerals; results of silicate, x-ray spectral, emission, flame-photometry, microprobe analysis and analysis on radiological age  
 Keywords: Geochemistry, petrology, igneous rock, sedimentary rocks, metamorphic rocks, Commonwealth of Ind. States  
 Organization: Vsesoyuznyj nauchno-issledovatel'skij geologicheskij institut im. A.P.Karpinskogo. Otdel komp'yuterizatsii geologicheskikh issledovanij  
 Center Name: All-Union Geol. Res. Inst., Dept. Computer Geol. Studies  
 Center Type: Research institute  
 Address: VSEGEI, Srednij pr.74, 199026, St. Petersburg-26, Russia  
 Telephone: 812-2139252  
 Contact: Aleksandrovna, Pavlova Tat'yana  
 Coverage: National  
 Territory: Eastern Siberia, Sayan folded area and other regions  
 Time Period: Begin: 1991  
 Volume: 250  
 Updates: Continuously  
 Computers: IBM PC/AT  
 Software: MAG monitor  
 Output: Interactive, batch  
 Language: Russian  
 Availability: Open, fees

**Commonwealth of Independent States (Continued)**

**Reference:** CIS 10                      Entry Number: 394

**Database:** Referativnij Zhurnal Database Geologiya  
**Data Type:** Bibliographic  
**Acronym:** GEOLOGY R. ZH  
**Data Subject:** General Geosciences  
**Subjects:** Bibliographical database includes abstracts and keywords  
**Keywords:** Geology, Commonwealth of Ind. States  
**Organization:** Vsesoyuzny Institut Nauchnoy I Tekhnicheskoy Informatsii Gknt  
**Center Name:** All-Union Institute for Scientific and Technical Information  
**Center Type:** Information center, library  
**Address:** Usievitch Str. 20-A, 125219 Moscow, Russia  
**Telephone:** 007095-1526060 Telex 411249 su  
**Contact:** Seiful-Mulukov, R. B.  
**Coverage:** International  
**Territory:** Global  
**Time Period:** Begin: 1956 End: Present  
**Volume:** 108,000 records with approx. 900 characters per record  
**Updates:** Monthly  
**Computers:** ES-1055  
**Software:** Mekof structure and DBMS  
**Output:** Online, batch, microforms, bulletins  
**Language:** Russian  
**Availability:** Open, fees, network

**Reference:** CIS 11

**Database:** Soil Environment of Kiev and Kiev District  
**Data Type:** Numeric  
**Acronym:** GEOEHKO of Kiev District  
**Data Subject:** Environmental Geology, Geochemistry, Isotopes  
**Subjects:** Content of heavy metals, radioactive pollution and pesticides in dust and soils  
**Keywords:** Environment, dust, Geochemistry, soil, Kiev District, Commonwealth of Ind. States  
**Organization:** Institut Geokhimii i fiziki mineralov A.N.Ukrainy. Laboratoriya komp'yuternogo modelirovaniya metallogenicheskikh i geoehkologicheskikh protsessov  
**Center Name:** Inst. Geochem. Physics Min., Ukrainian Ac. Sci. Laboratory  
**Center Type:** Research institute  
**Address:** Institute of Geochemistry and Physics of Minerals of the Ukrainian Acc Sci. Laboratory of Computer Modelling of Metallogenic and Environmental Processes, Palladin pr.34, 252680, Kiev-142, Kiev District, Ukraine  
**Telephone:** 044-444-01-73  
**Contact:** Aleksandrovich, Gorlitskij Boris  
**Coverage:** Local  
**Territory:** Kiev district  
**Time Period:** Begin: 1986  
**Volume:** 10,000  
**Updates:** Continuously  
**Computers:** IBM PC/AT

Commonwealth of Independent States (Continued)

Output: Interactive, batch, special reports  
Language: Russian  
Availability: Restricted, fees

Reference: CIS 13

Database: USSR Geological and Mineral Companies  
Data Type: Bibliographic  
Acronym: GEOMARK-ADDRESS  
Data Subject: Metallic mineral resources  
Subjects: Basic profile data on all Soviet geological institutions and mineral resources companies, including name, business profile, territory, and address  
Keywords: Directory, geology, mining companies, Commonwealth of Ind. States  
Organization: Nauchno-tekhnicheskoye Predpriyatie "GEOMARK"  
Center Name: GEOMARK Private Company  
Center Type: Private Company  
Address: GEOMARK Private Company, Parus Street, 6, 123364 Moscow, Russia  
Telephone: 095/3325482, 095/9300288, 095/4979508  
Contact: Monfor, A.O.  
Coverage: National  
Territory: USSR  
Time Period: Begin: 1989  
Volume: 3 megabytes  
Updates: Daily  
Computers: IBM-PC  
Software: IRIS  
Output: Batch  
Language: English  
Availability: Open, fees

Reference: CIS 12

Database: Geological Technology  
Data Type: Bibliographic  
Acronym: GEOMARK  
Data Subject: Regional geology-mapping geology, Metallic mineral resources  
Subjects: Unpublished data on USSR technology, know-how and exploration results in geology, oil, gas, mining, and waters. Every record includes name of company-owner, address, phone, FAX, abstract (including results of use), year, and subject code  
Keywords: Inventory technology, exploration, mineral resources, Russia, Commonwealth of Ind. States  
Organization: Nauchno-tekhnicheskoye Predpriyatie "GEOMARK"  
Center Name: GEOMARK Private Company  
Center Type: Private Company  
Address: GEOMARK Private Company, Parus Street, 6, 123364 Moscow, USSR  
Telephone: 095/3325482, 095/9300288, 095/4979508  
Contact: Monfor, A.O.

Commonwealth of Independent States (Continued)

Coverage: National  
Territory: USSR  
Time Period: Begin: 1985  
Volume: 4,000  
Updates: Daily  
Computers: IBM-PC  
Software: IRIS  
Output: Batch, data compilations, catalogues  
Language: Russian, English possible  
Availability: Open, fees

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***Colombia***

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Reference: COLM 8

Database: Banco Nacional de Datos Hidrogeologicos  
Data Type: Numeric  
Data Subject: Hydro-Geology, geophysics, geochemistry, isotopes  
Subjects: Inventory of existing ground-water facilities and aquifer characteristics of water points:  
Wells, cisterns, and springs; obtained from hydrogeological studies carried out by  
INGEOMINAS  
Keywords: Wells, cisterns, springs; Ground water; Hydrogeology, Colombia  
Organization: Instituto de Investigaciones en Geociencias Minería Y Química - Ingeominas (Institute of  
Geosciences, Mining and Chemistry Research)  
Center Name: Institute of Geosciences, Mining and Chemistry Research  
Center Type: Governmental Organization  
Address: Diagonal 53 No.34-53 Santa Fe de Bogotá, Colombia - Sur America  
Telephone: 222-18-11  
Contact: Alcides Huguet  
Coverage: National data  
Territory: Colombia  
Time Period: Begin: 1984-1985 End: Present  
Volume: Wells=4271 Records; Cisterns=1191 Records; Springs=658 Records  
Updates: Daily  
Computers: Hewlett Packard/3000 XE  
Software: Turbo Image  
Output: Online search (interactive)  
Language: Spanish  
Availability: Open

Reference: COLM 11

Database: Base de Datos Red Sismológica Nacional  
Data Type: Numeric  
Acronym: RSNC-DB  
Data Subject: Tectonics-Structure Geology  
Subjects: Seismological catalogue of earth quakes detected by the National Seismic Network  
Keywords: Seismology, tectonics, Colombia, seismicity catalogue, Colombia

**Columbia (Continued)**

**Organization:** INGEOMINAS Instituto de Investigaciones en Geociencias, Minería y Química  
**Center Name:** Institute of Geosciences, Mining and Chemistry Research  
**Center Type:** Government Organization  
**Address:** Diagonal 52 No.34-53, Santa Fe de Bogotá, Colombia  
**Telephone:** 222-18-11  
**Contact:** Julian Escallon  
**Coverage:** National data  
**Territory:** Colombia  
**Time Period:** Begin: 1993  
**Updates:** Weekly  
**Computers:** IBM-PC - 386  
**Software:** Microsoft SQL and Q+E  
**Output:** Online search, periodical or special reports containing data  
**Language:** Spanish  
**Availability:** Open

**Reference:** COLM 10

**Database:** Caracterización Carbones Colombianos  
**Data Type:** Numeric  
**Acronym:** INFOCAR  
**Data Subject:** Fuels and Energy Resources  
**Subjects:** Physico-chemistry and petrographic data of coal from Colombia basins  
**Keywords:** Coal analysis, coal data, coal characterization, Colombia  
**Organization:** Instituto de Investigaciones en Geociencias Minería y Química  
**Center Name:** Institute of Geosciences, Mining, and Chemistry Research  
**Center Type:** Governmental Organization  
**Address:** Diagonal 53 No. 34-53 Bogotá, D.C., Colombia, S.A.  
**Telephone:** 222-06-71  
**Contact:** Perez Fabio Hernando  
**Coverage:** National data  
**Territory:** Colombia  
**Time Period:** Begin: 1970 End: Present  
**Volume:** 2,500 Records, 30 fields  
**Updates:** Annually  
**Computers:** IBM-PC - 386  
**Software:** dBase III  
**Output:** Online search (interactive)  
**Language:** Spanish

**Reference:** COLM 1                      **Entry Number:** 154

**Database:** Coal Resources  
**Data Type:** Numeric  
**Data Subject:** Fuels Energy Resources  
**Subjects:** Chemical, physical and coking properties of coal. Proximate and ultimate analysis of coal. Small areas located on departments of: Valle, North of Santander, and Cauca-Lenguazaque

# Columbia (Continued)

**Keywords:** Coal, coke, resources, properties, Colombia, Commonwealth of Ind. States  
**Organization:** Instituto Nacional de Investigaciones Geologico-Mineras-Ingeominas  
**Center Name:** Colombia Geological Survey  
**Center Type:** Geological Survey  
**Address:** Diagonal 53 No. 34-53, Bogota, Colombia, South America  
**Telephone:** 222-3528  
**Contact:** Alvaro Murillo  
**Coverage:** Local data  
**Territory:** Small Areas (See Subjects)  
**Time Period:** Begin: 1984 End: 1985  
**Volume:** 500 records with 414 characters per record  
**Updates:** Terminated W/Project  
**Computers:** Intertec Compustar, IBM-XT  
**Software:** Micro-Grasp  
**Output:** Reports, bulletins  
**Availability:** Open, restricted

**Reference:** COLM 9

**Database:** Colombian Geological Information  
**Data Type:** Bibliographic  
**Acronym:** INGEOCOL  
**Data Subject:** Regional geology-Mapping geology, hydro-geology, metallic min  
**Subjects:** Regional geology-mapping geology, hydrogeology, metallic mineral resources, non-metallic mineral resources, stratigraphy, geophysics, engineering geology, environmental geology  
**Keywords:** Author(s), title, geographic and geological descriptor, abstract, Columbia  
**Organization:** INGEOMINAS Instituto de Investigaciones en Geociencias, Minería y Química  
**Center Name:** Institute of Geosciences, Mining and Chemistry Research  
**Center Type:** Governmental Organization  
**Address:** Diagonal 53 No. 34-53, Santa Fe de Bogata, Colombia  
**Telephone:** 222-18-11  
**Contact:** Flor Gamba  
**Coverage:** National data  
**Time Period:** Begin: 1989 End: Present  
**Volume:** 2,120 Records of approx. 3,000 characters each  
**Updates:** Monthly  
**Computers:** Hewlett Packard/3000 XE  
**Software:** MINISIS  
**Output:** Online search, printed data compilations, published bulletins  
**Language:** Spanish  
**Availability:** Open

**Reference:** COLM 2                      Entry Number: 156

**Database:** Construction Stone Source



# Columbia (Continued)

**Data Type:** Numeric  
**Data Subject:** Non-Metallic Mineral Resources Engineering Geology  
**Keywords:** Quarries, construction materials, Colombia, Commonwealth of Ind. States  
**Organization:** Instituto Nacional De Investigaciones Geologico-Mineras-Ingeominas (National Institute for Geologic Mineral Resource Investigations)  
**Center Name:** Geological Survey of Colombia (See Organization)  
**Center Type:** Geological Survey  
**Address:** Bogota, Colombia, South America  
**Telephone:** 222-3528  
**Contact:** Alvaro Murillo  
**Coverage:** National data  
**Time Period:** Begin: 1984 End: Present  
**Volume:** Approx. 3,000 records with 242,170 characters per record  
**Computers:** Intertec Compustar, IBM-XT  
**Software:** Micro-Grasp  
**Output:** Batch  
**Language:** Spanish  
**Availability:** Open

**Reference:** COLM 3                      Entry Number: 155

**Database:** Geoquimica  
**Data Type:** Numeric  
**Data Subject:** Geochemistry, Isotopes, Regional and Mapping Geology, Minerals  
**Subjects:** The Database maintains major, minor, and trace element analyses on samples analyzed by Ingeominas. Designed to compile statistics from the data and to develop models for the 1984 mineral resource assessment of Columbia  
**Keywords:** Geochemistry, mineral resources, atomic absorption, spectroscopy, trace elements, Columbia, Commonwealth of Ind. States  
**Organization:** Instituto Nacional de Investigaciones Geologico-Mineras-Ingeominas  
**Center Name:** Geological Survey of Colombia  
**Center Type:** Geological Survey  
**Address:** Diagonal 53 No. 34-53, Bogota, Colombia, South America  
**Telephone:** 222-3528  
**Contact:** Alvaro Murillo  
**Coverage:** National data  
**Time Period:** Begin: 1970 End: Present  
**Volume:** Approx. 35,000 records with 198 characters per record  
**Updates:** Quarterly  
**Computers:** Intertec Compustar, IBM-XT  
**Software:** Micro-Grasp  
**Output:** Batch  
**Availability:** Open

**Reference:** COLM 4                      Entry Number: 157

**Database:** Petrography  
**Data Type:** Numeric

Columbia (Continued)

Data Subject: Petrology; Igneous-Metamorphic Regional and Mapping Geology  
Subjects: Petrographic data along with a rock classification  
Keywords: Petrography, thin sections, classification, igneous rocks, metamorphic rocks, Columbia, Commonwealth of Ind. States  
Organization: Instituto Nacional De Investigacions, Geologico-Mineras-Ingeominias  
Center Name: Geological Survey of Colombia  
Center Type: Geological Survey  
Address: Bogota ,Colombia, South America  
Telephone: 222-3528  
Contact: Alvaro Murillo  
Coverage: National data  
Time Period: Begin: 1983 End: 1984  
Volume: Approx 1,500 records with 242 characters per record  
Computers: INTERTEC COMPUSTAR  
Software: Micro-Grasp  
Output: Interactive  
Language: Spanish  
Availability: Open

Reference: COLM 5

Database: Sismos de Colombia  
Data Type: Bibliographic  
Acronym: DBASE III - SISMOS  
Data Subject: Geophysics, environmental geology  
Subjects: Historical and instrumental seismic events classified by data and time; with coordinates, depth, magnitude, intensity and remarks  
Keywords: Earthquakes, Colombia  
Organization: Instituto geofisico de Los Andes Colombianos-Universidad  
Center Name: Geophysical Institute of Colombian Andes-Javeriana University  
Center Type: Research institute  
Address: Carrera 7 No. 40-76, Apartado Aereo 56710, Bogota 2. D.E., Colombia  
Telephone: 91-2457100 Tex:91-2457715  
Contact: Wladimir Escobar, William Arias  
Coverage: National  
Territory: Colombia and surrounding areas  
Volume: 40,000  
Updates: Monthly  
Computers: IBM PC/AT  
Software: dBASE III  
Output: Batch, data compilations, bulletins, special reports  
Language: Spanish  
Availability: Restricted, free

Columbia (Continued)

Reference: COLM 6 Entry Number: 158

Database: System Of Hydro-Meteorologic Information  
 Data Type: Numeric  
 Acronym: SISDHIM  
 Data Subject: Hydrogeology  
 Subjects: Storage and retrieval of information obtained from hydrologic, pluviometric and climatological stations in Colombia  
 Keywords: Hydrometeorology, hydrology, meteorology, Colombia  
 Organization: Instituto Colombiano de Hidrologia, Meteorologia y Adecuacion de Tierras-Himat  
 Center Name: Institute for Hydrology, Meteorology and Land Irrigation  
 Center Type: Governmental organization  
 Address: Bogota, Colombia  
 Telephone: 284-69-89  
 Contact: Nelly Riveros Castro  
 Coverage: National data  
 Volume: 1 million records of approx. 200 characters each  
 Updates: Monthly  
 Computers: Texas Instruments Series 800 Model  
 Software: Developed in Cobol and Fortran basically  
 Output: Interactive, batch, microforms, compilation, reports, bulletin  
 Availability: Restricted, fees

Reference: COLM 7

Database: System of Hydro-meteorologic Information  
 Data Type: Numeric  
 Acronym: SISDHIM  
 Data Subject: Hydrogeology, environmental geology  
 Subjects: Hydrology, meteorology hourly, daily, monthly and annual information obtained from hydrologic, pluviometric and climatological stations in Colombia  
 Keywords: Discharge precipitation, evaporation, relative humidity, wind Colombia  
 Organization: Instituto Colobiano de Hidrologia, Meteorologia y Adecuacion de Tierras-himat  
 Center Name: Colombian Inst. for Hydrology, Meteorology and Land Irrigation  
 Center Type: Governmental organization  
 Address: CRA 5 No. 15-80 A.A. 20032, Santafe de Bogota, Columbia  
 Telephone: 912-846983  
 Contact: Herrera, J.A.  
 Coverage: National  
 Volume: 1,500,000  
 Updates: Monthly  
 Computers: Texas Instruments Series TI-1500  
 Software: Cobol, Fortran under in house Xenix  
 Output: Interactive, batch, microforms, data compilations, bulletins  
 Availability: Open, fees

## Costa Rica

Reference: COST 1                      Entry Number: 160

Database: Guanacaste National Park Database  
Data Type: Numeric  
Acronym: GNPDB01  
Data Subject: General Geosciences Geomorphology Regional and Mapping Geology  
Subjects: The database contains 20 different map layers in raster format for a PC based GIS system. It comprised the major physical geographical factors like geomorphology, hydrology, climatology, vegetation, etc. and human geographic factors like land use, potential land use, roads network, settlements, population at district level, etc

Keywords: Altitude, geomorphology, climate, land use, national parks, Costa Rica  
Organization: Laboratorio De Sistemas De Informacion Geografica, Escuela de Ciencias Geograficas, Universidad Nacional, Heredia, Costa Rica

Center Type: University, special schools  
Address: PO Box 86, Heredia 3000, Costa Rica  
Telephone: 506-37-6363/ x2288 Telex 7550 unavi-cr  
Contact: Merrill Lyew or Douglas Salgado  
Coverage: Local data  
Territory: Guanacaste Province (Region Chorrotega)  
Time Period: Begin: 1973    End: 1984  
Volume: 2 megabytes, can be compressed to 800 kilobytes  
Updates: Monthly to annually  
Computers: IBM PC/AT compatible, MS-DOS 3+, RASTER, ASCII  
Software: OSU-MAP-PC (Ohio State University Map Analysis)  
Output: Interactive, batch  
Availability: Open, free

Reference: COST 2                      Entry Number: 161

Database: Mines Prospects and Mineral Occurrences of Costa Rica  
Data Type: Bibliographic  
Acronym: MRDS - COSTA RICA  
Data Subject: Metallic Mineral Resources  
Subjects: Mineral occurrences of Costa Rica including variety of deposit types, description, references, etc. Similar to CRIB of USGS

Keywords: Mineral resources, Costa Rica  
Organization: Minera Nacional S.A.  
Center Name: National Mining Co  
Center Type: Governmental organization  
Address: PO. Box 5298-1000, San Jose, Costa Rica  
Telephone: 506-537555 Telex 2363 energia c  
Contact: Rodrigo Vazquez  
Coverage: National data  
Territory: Costa Rica  
Time Period: Begin: Before 1900    End: Present  
Volume: 500 records (variable size)  
Updates: Annually

## Costa Rica (Continued)

Computers: IBM PC/AT  
Software: Revelation by Cosmos, MRDS-Rev  
Output: Interactive, compilation, reports, bulletins  
Availability: Open

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## **Cuba**

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Reference: CUBA 1                      Entry Number: 162

Database: Eac. Geologia  
Data Type: Bibliographic  
Acronym: GEODAT  
Data Subject: General Geosciences; Regional, Mapping and Engineering Geology  
Subjects: The Database GEOD is made to give a better bibliographic control to specialists in geology & mineralogy, petrology, geochemistry, regional geology, tectonics, economic geology, engineering geology, hydrogeology nad geophysics  
Keywords: Areal geology, Cuba  
Organization: Fac. Geology / ISMM  
Center Name: Fac. Geology, Superior Institute of Mining, Metallurgy of Moa  
Center Type: University, special schools  
Address: Las Coloradas, Moa, Holguin, Republic de Cuba  
Telephone: 66679  
Contact: Dr Rafael Guardado  
Coverage: National data  
Territory: All Cuba  
Time Period: Begin: 1959    End: 1988  
Volume: 7,400 records with approx. 1,000 characters per record  
Updates: Annually  
Computers: IBM-PC  
Software: Commercial  
Output: Microforms, reports, bulletins  
Availability: Open

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## **Czechoslovakia**

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Reference: CZEC 1                      Entry Number: 171

Database: Autis Coal Mining Database  
Data Type: Bibliographic  
Acronym: UTIS  
Data Subject: Fels Energy Resources  
Subjects: Mining and exploration of coal, technology and management of coal mines, transport, environmental impacts, tailings, and economic problems of coal industry  
Keywords: Col measures, carboniferous, mining, exploitation, technology, coal fields, exploration, production control, Republic, Slovakia  
Organization: OKR, Rozvoj A Projektovani, Odis Vtei Pro Uhelny Prumysl strava-Karvinna Coal Mining District, Development and Projects, Scientific and Technical Information Center

# Czech Republic Slovakia (Continued)

Center Name: Ostrava-Karvinna Coal Mining District  
Center Type: Information center, library  
Address: Balcarova 4, 72943 Ostrava 1, Czech republic  
Telephone: 069-213252  
Contact: M. Cindricova  
Coverage: International  
Territory: World-wide with emphasis on Czech republic, Slovakia Poland, Russia FRG  
Time Period: Begin: 1969 End: Present  
Volume: 130,000 records with approx. 1,200 bytes per record  
Updates: Monthly  
Computers: IBM 4361  
Software: OS/VS1, Autis SRS (written in house)  
Output: Online, batch, bulletins, periodical  
Language: Czech  
Availability: Open, fees

Reference: CZEC 2 Entry Number: 163

Database: Automated System of Geological Information  
Data Type: Bibliographic  
Acronym: ASGI  
Data Subject: General Geosciences Regional Geology Mapping Geology  
Subjects: Published and open file unpublished documents of geology from Czechoslovakia and selected published information from abroad  
Keywords: Areal geology, Czech republic, Slovakia  
Organization: Geofond, Geologicke Dokumentacni A Informacni Stredisko CSR  
Center Name: Geofond, National Geological Documentation and Information Ctr  
Center Type: Information center, library  
Address: Kostelni 26, 170 00 Prague 7 Letna, Czech Republic  
Telephone: 370957  
Contact: V. Zaludova  
Coverage: National  
Territory: Czechoslovakia; minor part selected information world-wide  
Time Period: Begin: 1972 End: Present  
Volume: 140,000 records with approx. 900 bytes per record  
Updates: Monthly  
Computers: ES 1045  
Software: USS-L Mode  
Output: Batch, bulletins  
Language: Czech  
Availability: Open (national), fees

Reference: CZEC 3

Database: Banka dat fyzikalnych a mechanickych vlastnosti zemin  
Data Type: Numeric

# Czech Republic Slovakia (Continued)

**Acronym:** MECHZEM  
**Data Subject:** Engineering geology, geomorphology-quatern. Geol  
**Subjects:** Engineering geology, soil and rock mechanics, mechanical and physical properties of inportana and representative samples from site investigation, research and in situ experimental studies, urban geology  
**Keywords:** Urban geology, geotechnical property, engineering geology, soil mechanics, data acquisition, property, site selection, Slavakia  
**Organization:** Geologicky usta Dionyza Stura, Bratislava  
**Center Name:** Geological Institute of Slovakia - GUDS - in Bratislava  
**Center Type:** Geological Survey  
**Address:** GUDS - Geological Institute, Mlynska dolina 1, 817 04 Bratislava, Slovakia  
**Contact:** Dr. I. Modlitba  
**Territory:** Slovakia and adjacent regions  
**Time Period:** Begin: 1966  
**Volume:** 6,000  
**Updates:** Continuously  
**Computers:** VAX (SM 5211), PC/XT  
**Software:** DOS RV, Fortran 77  
**Output:** Batch, special reports  
**Language:** Slovakian, interaction with english possible  
**Availability:** Open

**Reference:** CZEC 4                      Entry Number: 165

**Database:** Database of Boreholes  
**Data Type:** Numeric  
**Acronym:** VRTY  
**Data Subject:** Regional Geology Mapping Geology  
**Subjects:** Characteristic data on boreholes of geological exploration surveys: identification, location, purpose, basic hydrogeological data, depth, etc  
**Keywords:** Boreholes, well logs, exploration, cross sections, stratigraphy, Czech repubic, Slovakia  
**Organization:** Geofond Praha  
**Center Name:** Geofond Prague  
**Center Type:** Information center, library  
**Address:** Kostelni 26, 170 00, Prague 7, Czech Republic  
**Telephone:** 379341  
**Contact:** V. Shanelec  
**Coverage:** National  
**Territory:** Bohemia and Moravia  
**Time Period:** Begin: 1976    End: Present  
**Volume:** 290,000 records (650 characters per record)  
**Updates:** Twice a year  
**Computers:** Independent 102F  
**Software:** Special  
**Output:** Online, compilations  
**Language:** Czech  
**Availability:** Restricted, fees

**Czech Republic Slovakia (Continued)**

**Reference:** CZEC 5                      Entry Number: 168

**Database:** Database of Landslides  
**Data Type:** Numeric  
**Acronym:** SESUVY  
**Data Subject:** Engineering Geology  
**Subjects:** Contains basic identification and location data, geological, geomorphological and geotechnical information both on active and temporarily stabilized landslides and other dangerous slope deformations

**Keywords:** Landslides, Bohemia, Moravia, Czech Republic, Slovakia  
**Organization:** Geofond Praha  
**Center Name:** Geofond Prague  
**Center Type:** Information center, library  
**Address:** Kostelni 26, 170 00, Prague 7, Czech republic  
**Telephone:** 379341  
**Contact:** V. Shanelec  
**Coverage:** National  
**Territory:** Bohemia and Moravia  
**Time Period:** Begin: 1978    End: Present  
**Volume:** 6,000 records (160 character per record)  
**Updates:** Annually  
**Computers:** Independent 102F  
**Software:** Special  
**Output:** Online, compilations  
**Language:** Czech  
**Availability:** Restricted, fees

**Reference:** CZEC 6                      Entry Number: 164

**Database:** Database of Mineral Deposits and Occurrences  
**Data Type:** Numeric  
**Acronym:** LOZISKA  
**Data Subject:** Environmental Geology  
**Keywords:** Mineral resources, Bohemia, Moravia, Czech republic  
**Organization:** Geofond Praha  
**Center Name:** Geofond Prague  
**Center Type:** Information center, library  
**Address:** Kostelni 26, 170 00, Prague 7, Czech republic  
**Contact:** V. Shanelec  
**Coverage:** National  
**Territory:** Bohemia and Moravia  
**Time Period:** Begin: 1979    End: Present  
**Volume:** 6,000 records (300 character per record)  
**Updates:** Annually  
**Computers:** Independent 102F  
**Software:** Special  
**Output:** Online, compilations  
**Language:** Czech  
**Availability:** Restricted, fees



Czech Republic Slovakia (Continued)

Reference: CZEC 7 Entry Number: 169

Database: Database of Undermined Areas  
Data Type: Numeric  
Data Subject: Environmental Geology  
Subjects: Contains characteristic data on undermined areas, old shafts, tailings and other consequences or remnants of historical mining and exploratory works  
Keywords: Mining geology, history, regional planning, undermining, tailings, Czech republic, Slovakia  
Organization: Geofond Praha  
Center Name: Geofond Prague  
Center Type: Information center, library  
Address: Kostelni 26, 170 00, Prague 7, Czech republic  
Telephone: 379341  
Contact: V. Shanelec  
Coverage: National  
Territory: Bohemia and Moravia  
Time Period: Begin: 1983 End: Present  
Volume: 3,000 records (80 character per record)  
Updates: Annually  
Computers: Independent 102F  
Software: Special  
Output: Online, compilations  
Language: Czech  
Availability: Restricted, fees

Reference: CZEC 8 Entry Number: 172

Database: Engineering Geological Database of the City Praha  
Data Type: Numeric  
Acronym: IGDB  
Data Subject: Engineering Geology  
Subjects: Geotechnical and engineering geological and basic lithostratigraphical characteristics and rock properties of boreholes and other documentation points and lines. Site investigations, city planning, reconstruction projects etc  
Keywords: Urban planning, boreholes, soil mechanics, Prague, Czech republic  
Organization: Planning, Engineering and Design Institute of Praha  
Center Name: Planning, Engineering and Design Institute of Prague  
Center Type: Governmental organization  
Address: Novakovyh 6, 180 00 Prague 8, Czech republic  
Telephone: 829623  
Contact: J. Janova  
Coverage: Local  
Territory: Prague  
Time Period: Begin: 1954 End: Present  
Volume: 36,000 records (800 characters per record)  
Updates: Monthly  
Computers: ICL 2904  
Software: DBMS based on IDMS

# Czech Republic Slovakia (Continued)

Output: Online, batch  
 Language: Czech  
 Availability: Open, free, network

Reference: CZEC 9 Entry Number: 167

Database: Geochemical - Petrological Database  
 Data Type: Numeric  
 Acronym: GEOLM  
 Data Subject: Geochemistry, Isotopes  
 Subjects: Geochemical, petrological and isotope data on magmatic rocks  
 Keywords: Chemical composition, isotopes, geochemistry, Slovakia, Czech republic  
 Organization: Computer Centre of Slovak Academy of Science  
 Center Name: Computer Centre of Slovak Academy of Science  
 Center Type: Regional institute  
 Address: B. Nemcovej 9, 042 00 Kosice, Slovakia  
 Telephone: 045-95-32729  
 Contact: Z. Culmanova  
 Coverage: National  
 Territory: Slovakia  
 Time Period: Begin: 1950 End: Present  
 Volume: 1,900 records (1,200 character per record)  
 Updates: Weekly  
 Computers: EC 10451 MOS  
 Software: Special, IDMS  
 Output: Compilations  
 Language: Slovakian  
 Availability: Open, fees

Reference: CZEC 14

Database: Geochemistry of Streamsediments  
 Data Type: Numeric  
 Acronym: STREAMY  
 Data Subject: Geochemistry, Isotopes, Environmental Geol., Metallic mineral  
 Subjects: Analytical datas of streamsediments for elements Mn, Cu, Pb, Zn, Ni, Ag, Bi, Co, Mo, Sb, Sn, V, W, Li, B, Be. Contain also coordinates for each sample and number of map section  
 Keywords: Geochemistry, exploration, enviromental geology, streamsediments, Bohemian Massif, Czecho republic  
 Organization: Cesky geologicky ustav/ Czech Geological Survey/ Dpt. of Databases and G.I.S.  
 Center Name: Czech Geological Survey  
 Center Type: Geological Survey  
 Address: Malostranske nam. 19, 118 21 Praha 1, Czech Republic  
 Telephone: 533 017  
 Contact: P. Rambousek  
 Coverage: National data

**Czech Republic Slovakia (Continued)**

**Territory:** Bohemia and Moravia  
**Time Period:** Begin: 1980 End: 1989  
**Volume:** 35,000 records with 91 characters  
**Updates:** closed database  
**Computers:** Microvax 3100 - base residence; PC - service  
**Software:** In-house for operating workstation; FoxPRO for service  
**Output:** Machine readable/batch, printed data compilations  
**Language:** Czech, English  
**Availability:** Restricted, free for non-commercial organizations

**Reference:** CZEC 10                      Entry Number: 166

**Database:** Geochemistry Prospection Base  
**Data Type:** Numeric  
**Acronym:** ZAGEPR  
**Data Subject:** Geochemistry, Isotopes  
**Subjects:** Analyses and sampling networks or borehole sample of rocks, minerals, soils, panning samples, stream sediments for reconnaissance, prospecting, exploration and environmental surveys  
**Keywords:** Geochemical exploration, sampling, metallogeny, Bohemian massif, Czecho Republic  
**Organization:** Geoindustria - Geochemical Centre  
**Center Name:** Geoindustria - Geochemical Centre  
**Center Type:** Exploration, mining  
**Address:** Malinovskeho 59, 586 01 Jihlava, Czech republic  
**Telephone:** 966-24941  
**Contact:** V. Grym; M. Zacek  
**Coverage:** Regional  
**Territory:** Bohemian Massif  
**Time Period:** Begin: 1980 End: Present  
**Volume:** 140,000 records (200 characters per record)  
**Updates:** Quarterly  
**Computers:** Hewlett Packard/9845B  
**Software:** Special  
**Output:** Online, batch, periodical  
**Language:** Czech, English  
**Availability:** Open, fees

**Reference:** CZEC 15

**Database:** Geological bibliography of Czech Republic for year  
**Data Type:** Bibliographic  
**Acronym:** GB  
**Data Subject:** General Geosciences  
**Subjects:** Geo-Sciences bibliography of all papers published in Czech Republic and of those, published by Czech and foreign authors, which deal with the territory of Czech Republic  
**Keywords:** Geology, Bibliography, Czech Republic, Czechoslovakia  
**Organization:** Cesky geologicky ustav, Praha

# Czech Republic Slovakia (Continued)

Center Name: Czech Geological Survey  
Center Type: Geological Survey  
Address: Malostranske nam. 19, 118 21, Praha 1, Czech Republic  
Telephone: 53 36 41  
Contact: Marie Baborska  
Coverage: National data  
Territory: Czech Republic  
Time Period: Begin: 1991 End: Present  
Volume: 1,100 records  
Updates: monthly  
Output: Online search, printed data compilations, published data bulletin

Reference: CZEC 11

Database: Integrated Information System of Territory  
Data Type: Numeric  
Acronym: ISU - ENVIGEO  
Data Subject: Environmental geology, engineering geology, hydrogeology  
Subjects: Environmental geology, engineering geology and hydrogeology types; economic geology and mining objects and maps as applied in territorial planning, land use natural protection and exploitation, geodynamics, etc  
Keywords: Environmental geology, land use, urban planning, natural resources, soil, protected zones, Czech republic  
Organization: TERPLAN Praha, Statni ustav pro uzemni planovani  
Center Name: TERPLAN - Czechoslovak Institute for Regional Planning, Praha  
Center Type: Governmental organization  
Address: TERPLAN, Platnerska 19, 110 00 Praha 1 St. Mesto, Czech republic  
Telephone: 02-2324412 Fax:02-232737  
Contact: Seidl, P., Hruska J  
Coverage: National, local  
Territory: Bohemia, Moravia, partly Slovakia  
Time Period: Begin: 1976  
Volume: 160 megabytes +  
Updates: Continuously  
Computers: IBM 4031, Appolo graphic WS, PC/AT, ARC/INFO WS  
Software: dBASE III, ARC/INFO  
Output: Batch, data compilations, special reports  
Language: Czech, interaction in english possible  
Availability: Open, fees

Reference: CZEC 12 Entry Number: 173

Database: Sediments of Coal Basins  
Data Type: Numeric  
Acronym: BOBR  
Data Subject: Fuels Energy Resources  
Subjects: Petrology of coal seams, physical properties including contact rocks, waters etc. In

# Czech Republic Slovakia (Continued)

Czech coal basins  
**Keywords:** Coal, sedimentary rocks, chemical composition, carboniferous, mining, Czech republic  
**Organization:** Research Institute for Coal and Coal Mining  
**Center Name:** Research Institute for Coal and Coal Mining  
**Center Type:** Regional institute  
**Address:** 716 07 Ostrava-Radvanice, Czech republic  
**Telephone:** 215-444  
**Contact:** P. Martinec; J. Krajicek  
**Coverage:** National  
**Territory:** Coal Basins in Czech republic  
**Time Period:** Begin: 1975 End: Present  
**Volume:** 4,000 records (600 characters per record)  
**Updates:** Quarterly  
**Computers:** IBM 370/145, SM 4/20  
**Software:** Special, DBMS  
**Output:** Batch, compilations  
**Language:** Czech  
**Availability:** Restricted, fees

**Reference:** CZEK 13                      **Entry Number:** 170

**Database:** Surface Water Geochemistry Database  
**Data Type:** Numeric  
**Data Subject:** Regional Geology Mapping Geology Hydrogeology  
**Subjects:** Chemical analysis of surface waters in Bohemia an additional characteristics of drainage basins  
**Keywords:** Surface water, chemical composition, Bohemia, Czech republic  
**Organization:** Ustredni Ustav Geologicky  
**Center Name:** Geological Survey  
**Center Type:** Geological Survey  
**Address:** Malostranske Namesti 19, 118 21 Prague 1, Czech republic  
**Telephone:** 590486  
**Contact:** V. Majer  
**Coverage:** Regional  
**Territory:** Bohemia  
**Time Period:** Begin: 1984 End: Present  
**Volume:** 1 megabyte  
**Updates:** Currently  
**Computers:** Hewlett Packard/86B, IBM-PC  
**Software:** Written in house, FOX PRO  
**Output:** Online, compilations  
**Language:** Czech, English  
**Availability:** Restricted, free

## **Denmark**

Reference: DENM 1                      Entry Number: 174

Database: The Interactive Cartographic Database of the Environment  
Data Type: Numeric  
Acronym: ZETA  
Data Subject: Environmental Geology  
Subjects: Administrative borders, coastlines, towns, water, streams, water catchment areas, lakes, woods, surface geology  
Keywords: Regional planning, water resources, coastal environment, urban planning, Denmark  
Organization: Danmarks Geologiske Undersoegelse  
Center Name: Geological Survey of Denmark  
Center Type: Geological Survey  
Address: Thoravej 8, Dk-2400, Copenhagen, Denmark  
Telephone: 01 10 66 00  
Contact: B. Hermansen  
Coverage: National  
Territory: Denmark  
Time Period: Begin: 1900   End: Present  
Volume: 2,000 records (500 bytes per record)  
Updates: Weekly  
Computers: VAX 11/8530  
Software: "Zeta", Datatrieve, RDB  
Output: Online, batch, compilations  
Language: Danish  
Availability: Restricted, fees, network

## **Ecuador**

Reference: ECUA 1                      Entry Number: 175

Database: Subsistema de Informacion de Recursos Naturales y Medio Ambien  
Data Type: Bibliographic  
Acronym: SIRENAMA  
Subjects: All renewable and non-renewable natural resources  
Keywords: Natural resources, Ecuador  
Organization: Centro De Levantamientos Integrados De Recursos Naturales Por Sensores Remotes, CLIRSEN  
Center Name: Center for Integrated Surveys of Natural Resources  
Center Type: Governmental organization  
Address: 4 To. Piso, Calles Senierges Y G. Pazy Mino S/N, Ecuador  
Telephone: 542-758 Telex 2775 clirs ed\*  
Contact: Cmel. E.M.S. Cesar Real Robayo  
Coverage: National data  
Territory: Ecuador  
Time Period: Begin: 1960   End: Present  
Volume: 35,000 records with aprox 2,000 characters per record  
Updates: Monthly

Ecuador (Continued)

Computers: IBM-AT  
Software: dBASE III  
Output: Interactive, compilation  
Language: Spanish  
Availability: Open, fees

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***Finland***

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Reference: FINL 1                      Entry Number: 178

Database: Airborne Geophysics  
Data Type: Numeric  
Data Subject: Geophysics  
Subjects: Magnetic, electromagnetic and radiometric (U, Th, K and total radiation) surveys measured at cca 30 m altitude. Vector and raster maps  
Keywords: Airborne methods, magnetic surveys, electromagnetic surveys, radioactivity surveys, Finland  
Organization: Geologian Tutkimuskeskus  
Center Name: Geological Survey of Finland  
Center Type: Geological Survey  
Address: Betonimiehenkuja 4, Sf-02150, Espoo, Finland  
Telephone: 358-0-46931  
Contact: Jukka Multala  
Coverage: National  
Territory: Finland  
Time Period: Begin: 1972    End: Present  
Volume: 211 values/second - 500 flight hours per year  
Updates: Monthly  
Computers: DEC VAX 8250  
Software: Fortran 77 In House  
Output: Online, compilations  
Language: Finnish  
Availability: Restricted

Reference: FINL 2                      Entry Number: 177

Database: Bedrock Mapping Database  
Data Type: Bibliographic  
Acronym: KALPEA  
Data Subject: Regional Geology, Mapping Geology  
Subjects: Petrological, tectonic, and stratigraphic data from bedrock outcrops  
ARC/INFO-Application  
Keywords: Petrology, tectonics, stratigraphy, mineral composition, bedrock, Finland  
Organization: Geologian Tutkimuskeskus, Informatiotoimisto  
Center Name: Geological Survey of Finland, Information Center  
Center Type: Geological survey  
Address: Betonimiehenkuja 4, Sf-02150, Espoo, Finland  
Telephone: 358-0-46931

# Finland (Continued)

**Contact:** Hannu Kairakari  
**Coverage:** Regional  
**Territory:** Lapland (Finland)  
**Time Period:** Begin: 1984 End: Present  
**Volume:** 35,000 records  
**Updates:** Weekly  
**Computers:** DEC VAX 6320, Microvax 3600  
**Software:** DEC RDB  
**Language:** Finnish

**Reference:** FINL 3

**Database:** Database of Finnish Peat Resources  
**Data Type:** Numeric  
**Data Subject:** Fuels and Energy Resources, Geomorphology-Quatern. Geol  
**Subjects:** Database contains information of peat bogs and peat properties  
**Keywords:** Peat bogs, peat, fuel peat, horticultural peat, holocene, Finland  
**Organization:** Geologian tutkimuskeskus  
**Center Name:** Geological Survey of Finland  
**Center Type:** Geological survey  
**Address:** Betnimiehenkuja 4, SF-2150 Espoo, Finland  
**Telephone:** 358-0-46931  
**Contact:** Enio Lappalainen  
**Coverage:** National  
**Territory:** Finland  
**Time Period:** Begin: 1975  
**Volume:** Over 10,000 peat bogs (area > 20 hectares)  
**Updates:** Weekly  
**Computers:** VAX 6310  
**Software:** Fortran + in-house  
**Output:** Interactive  
**Language:** Finnish  
**Availability:** Restricted, fees

**Reference:** FINL 4

**Database:** Database of Hydrogeological Data  
**Data Type:** Numeric  
**Data Subject:** Hydrogeology, environmental geology  
**Subjects:** Chemical and physical properties of ground water in Finland  
**Keywords:** Hydrogeology, ground water, hydrochemistry, Finland  
**Organization:** Geologian tutkimuskeskus  
**Center Name:** Geological Survey of Finland  
**Center Type:** Geological survey  
**Address:** Betnimiehenkuja 4, SF-2150 Espoo, Finland  
**Telephone:** 358-0-46931  
**Contact:** Salmi Martti



# Finland (Continued)

**Coverage:** National  
**Territory:** Finland  
**Time Period:** Begin: 1975  
**Volume:** 10,000 Springs and dug wells  
**Updates:** Annually  
**Computers:** VAX 6310  
**Software:** Fortran + in-house  
**Output:** Interactive  
**Language:** Finnish  
**Availability:** Restricted, fees

**Reference:** FINL 5

**Database:** Database of Quaternary Mapping  
**Data Type:** Numeric  
**Data Subject:** Geomorphology-Quaternary Geology  
**Subjects:** Grain size, fabric analyses and sediment sections of Quaternary deposits of Finland  
**Keywords:** Sediments, grain size, orientation, Quaternary, Finland  
**Organization:** Geologian tutkimuskeskus  
**Center Name:** Geological Survey of Finland  
**Center Type:** Geological survey  
**Address:** Betonimiehenkuja 4, SF-2150 Espoo, Finland  
**Telephone:** 358-0-46931  
**Contact:** Pekka Hanninen  
**Coverage:** National  
**Territory:** Finland  
**Time Period:** Begin: 1984  
**Volume:** 20,000  
**Updates:** Annually  
**Computers:** VAX  
**Software:** Fortran  
**Output:** Interactive  
**Language:** Finnish  
**Availability:** Restricted

**Reference:** FINL 6      **Entry Number:** 183

**Database:** Finnish Geological Bibliography  
**Data Type:** Bibliographic  
**Acronym:** FINGEO  
**Data Subject:** General Geosciences  
**Subjects:** Geological literature published in Finland or elsewhere concerning Finland. Also publications about foreign countries written by Finns. Part of national database "KATI" covering domestic books and periodicals  
**Keywords:** Areal geology, mineral exploration, Finland  
**Organization:** Geologian Tutkimuskeskus, Informatiotoimisto  
**Center Name:** Geological Survey of Finland, Information Center

# Finland (Continued)

Center Type: Geological survey  
 Address: Betonimiehenkuja 4, Sf-02150, Espoo, Finland  
 Telephone: 358-0-46931  
 Contact: H. Hurstinen  
 Coverage: National  
 Territory: Finland  
 Time Period: Begin: 1971 End: Present  
 Volume: 8,800 records  
 Updates: Monthly  
 Computers: IBM 3081, IBM 3090  
 Software: Minttu  
 Output: Online, compilations  
 Language: Finnish  
 Availability: Open, fees, network

Reference: FINL 7 Entry Number: 176

Database: National Database of Geological Reports  
 Data Type: Bibliographic  
 Acronym: RAPGEO  
 Data Subject: Regional Geology, Mapping Geology  
 Subjects: Unpublished geological reports containing mineral exploration, petrology, quaternary geology, geochemistry, geophysics etc  
 Keywords: Mineral exploration, Precambrian, Quaternary, Finland  
 Organization: Geologian Tutkimuskeskus, Informatiotoimisto  
 Center Name: Geological Survey of Finland, Information Center  
 Center Type: Geological Survey  
 Address: Betonimiehenkuja 4, Sf-02150, Espoo, Finland  
 Telephone: 358-0-46931  
 Contact: Raili Aumo  
 Coverage: National  
 Territory: Finland  
 Volume: 3,200 records  
 Updates: Monthly  
 Computers: VAX 4000  
 Software: TRIP - textual database management system  
 Output: Online, compilations  
 Language: Finnish  
 Availability: Restricted, free

Reference: FINL 8

Database: National Sand and Gravel Resources  
 Data Type: Numeric  
 Data Subject: Non-metallic mineral resources  
 Subjects: Sand and gravel resources in Finland

# Finland (Continued)

**Keywords:** Gravel deposits, glaciofluvial features, construction materials, Quaternary, Finland  
**Organization:** Geologian tutkimuskeskus  
**Center Name:** Geological Survey of Finland  
**Center Type:** Geological survey  
**Address:** Betnimiehenkuja 4, SF-2150 Espoo, Finland  
**Telephone:** 358-0-46931  
**Contact:** Palmu Jukka-Pekka  
**Coverage:** National  
**Territory:** Finland  
**Time Period:** Begin: 1971  
**Volume:** 21,000 Gravel deposits  
**Updates:** Monthly  
**Computers:** VAX 6310  
**Software:** Rdb/Vms  
**Output:** Interactive, data compilations  
**Language:** Finnish  
**Availability:** Restricted, fees

**Reference:** FINL 9

**Database:** Regional Geochemical Data  
**Data Type:** Numeric  
**Acronym:** ALKEMIA  
**Data Subject:** Geochemistry, Isotopes, Metallic min. resources, Environ. Geol  
**Subjects:** Results from geochemical mapping programs: sample locations, preparations, analyses  
**Keywords:** Geochemistry, chemical composition, metals, environmental geology, till, groundwater, Quaternary, Finland  
**Organization:** Geologian tutkimuskeskus  
**Center Name:** Geological Survey of Finland  
**Center Type:** Geological survey  
**Address:** Betonimiehenkuja 4, SF-2150, Espoo, Finland  
**Telephone:** 358-0-46931  
**Contact:** Timo Tarvainen  
**Coverage:** National  
**Territory:** Finland  
**Time Period:** Begin: 1971  
**Updates:** Weekly  
**Computers:** VAX 6310  
**Software:** Rdb/Vms  
**Output:** Interactive, data compilations  
**Language:** Finnish  
**Availability:** Restricted, network, fees

**Reference:** FINL 10      **Entry Number:** 184

**Database:** Surface (Ground) Geophysics Survey

# Finland (Continued)

**Data Type:** Numeric  
**Data Subject:** Geophysics  
**Subjects:** Gravity, magnetic, electromagnetic and other geophysical ground measurements. Vector and raster maps, graphic interpretation  
**Keywords:** Gravity logging, well logging, boreholes, electromagnetic surveys, seismic surveys, magnetic surveys, Finland  
**Organization:** Geologian Tutkimuskeskus, Espoo  
**Center Name:** Geological Survey of Finland, Espoo  
**Center Type:** Geological survey  
**Address:** Betonimiehenkuja 4, Sf-02150, Espoo, Finland  
**Contact:** Seppo Elo  
**Coverage:** National  
**Territory:** Finland  
**Time Period:** Begin: 1971 End: Present  
**Updates:** Weekly  
**Computers:** Microvax/II  
**Software:** Fortran 77 written in house  
**Output:** Online, compilations  
**Language:** Finnish

**Reference:** FINL 11                      Entry Number: 179

**Database:** The National Industrial Mineral Database  
**Data Type:** Numeric Bibliographic  
**Data Subject:** Non-Metallic Mineral Resources  
**Subjects:** The database contains data on industrial mineral deposits  
**Keywords:** Industrial minerals, petrology, mineral resources, Finland  
**Organization:** Geologian Tutkimuskeskus, Espoo  
**Center Name:** Geological Survey of Finland, Espoo  
**Center Type:** Geological survey  
**Address:** Betonimiehenkuja 4, Sf-02150, Espoo, Finland  
**Telephone:** 358-0-46931  
**Contact:** Mikko Tontti  
**Coverage:** National  
**Territory:** Finland  
**Time Period:** Begin: 1986 End: Present  
**Volume:** 506 records  
**Updates:** Annually  
**Computers:** DIGITAL VAX 6320  
**Software:** RDB/VMS  
**Output:** Online, compilations  
**Language:** Finnish  
**Availability:** Restricted

**Reference:** FINL 12                      Entry Number: 180

**Database:** The National Mineral Indication Database

# Finland (Continued)

**Data Type:** Numeric Bibliographic  
**Data Subject:** Metallic Mineral Indicators  
**Subjects:** The database contains data on mineralized outcrops, boulders and other mineral indicators of explorational significance  
**Keywords:** Mineral resources, metallogeny, ore minerals, metal ores, Finland  
**Organization:** Geologian Tutkimuskeskus  
**Center Name:** Geological Survey of Finland  
**Center Type:** Geological Survey  
**Address:** Betonimiehenkuja 4, Sf-02150, Espoo, Finland  
**Telephone:** 358-0-46931  
**Contact:** Boris Saltikoff  
**Coverage:** National  
**Territory:** Finland  
**Volume:** 10,000 records  
**Updates:** Annually  
**Computers:** DIGITAL VAX 6320  
**Software:** RDB/VMS  
**Output:** Online, compilations, periodical  
**Language:** Finnish  
**Availability:** Restricted

**Reference:** FINL 13                      Entry Number: 181

**Database:** The National Ore Deposit Database  
**Data Type:** Numeric Bibliographic  
**Data Subject:** Metallic Mineral Resources  
**Subjects:** The database contains data on metallic mineral deposits of explorational and/or economic significance  
**Keywords:** Mineral resources, metallogeny, exploration, Finland  
**Organization:** Geologian Tutkimuskeskus  
**Center Name:** Geological Survey of Finland  
**Center Type:** Geological Survey  
**Address:** Betonimiehenkuja 4, Sf-02150, Espoo, Finland  
**Telephone:** 358-0-46931  
**Contact:** Mikko Tontti  
**Coverage:** National  
**Territory:** Finland  
**Volume:** 500 deposits  
**Updates:** Annually  
**Computers:** DIGITAL VAX 6320  
**Software:** RDB/VMS  
**Output:** Online, compilations  
**Language:** Finnish  
**Availability:** Restricted, fees

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**France**

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Reference:       FRAN 1                   Entry Number: 185

Database:       Analyses Chimiques  
Data Type:       Numeric  
Data Subject:   Geochemistry, Isotopes  
Keywords:       Major element analysis, minor element analysis, trace element analysis, isotopes,  
                  France  
Organization:   Institut de Geologie, Universite de Rennes  
Center Type:     Regional institute  
Address:         Campus de Beaulieu, 35042 Rennes Cedex, France  
Telephone:       99-28-6075   Fax: 99-28-6780  
Contact:         Mme Olivier  
Territory:       France and adjacent regions  
Time Period:     Begin: 1968   End: Present  
Volume:          2,000 records  
Updates:         Annually  
Output:          Online, batch  
Language:        French  
Availability:     Open

Reference:       FRAN 2                   Entry Number: 199

Database:       Artemise  
Data Type:       Numeric  
Acronym:         ARTEMISE  
Data Subject:    Petrology; Igneous-Metamorphic, Geochemistry  
Subjects:         Results of analyses of rock, soil, and water samples from 27 French laboratories  
Keywords:        Rocks, chemical composition, soils, trace elements, major elements, ion probe, France  
Organization:    Centre de Recherches Petrographiques et Geochimiques, Laboratoire Propre du CNRS  
Center Name:     Research Center for Petrology and Geochemistry of C.N.R.S.  
Center Type:     Regional institute  
Address:          15, Rue Notre.Dame-Des-Pauvres, B.P. 20, 54501 Vandoeuvre les Nancy Cedex,  
                  France  
Telephone:       83-512213  
Contact:          M. J. Leterrier  
Coverage:         National  
Territory:        France and selected samples from abroad  
Time Period:     Begin: 1983   End: Present  
Volume:          25,000 records  
Updates:         Continuously  
Language:        French  
Availability:     Open, free

# France (Continued)

Reference:	FRAN 4	Entry Number: 200
Database:	Bibliography of African and Middle East Ore Deposits	
Data Type:	Bibliographic	
Acronym:	BIBA	
Data Subject:	Metallic Mineral Resources, Non-metallic Mineral Resources	
Subjects:	Information on geology and metallogeny of mineral resources in African and Middle East countries. Mainly published sources	
Keywords:	Mineral resources, economic geology, metallogeny, maps, Middle East, Africa, France	
Organization:	Centre de Geologie Generale et Miniere, Ecole de Mines, Paris	
Center Name:	School of Mines of Paris, Center of Mining and General Geology	
Center Type:	Regional institution	
Address:	35, Rue Saint-Honore, 77305 Fontainebleau Cedex, France	
Telephone:	64-22-4821 Telex: 694736	
Contact:	L. Zanone	
Coverage:	Regional	
Territory:	Africa and Middle East	
Volume:	5,000 records, approx 400 bytes per record	
Updates:	Weekly	
Computers:	OLIVETTI M28	
Software:	Geonix (In House) based on UNIX	
Output:	Online, data compilations	
Language:	French	
Availability:	Open, fees	

Reference:	FRAN 3	Entry Number: 198
Database:	BNDO Data Bank	
Data Type:	Numeric	
Acronym:	BNDO	
Data Subject:	Marine Geology, Geophysics	
Subjects:	Data from French coasts on bathymetry, magnetism, gravimetry, DSDP-IPOD, currents, submarine photography	
Keywords:	Marine methods, geophysical surveys, bathymetry, data, ocean floors, marine geology, France	
Organization:	Bureau National des Donnees Oceaniques (BNDO)-Institut Francais pour L'Exploitation de la Mer	
Center Name:	National Bureau for Oceanographic Data - Ifremer	
Center Type:	Regional institution	
Address:	B.P. 337, 29273 Brest Cedex, France	
Telephone:	98-22-4040	
Contact:	M. Fevrier	
Territory:	France and French Cruises in World Oceans	
Output:	Online, compilations, bulletin, batch	
Language:	French	
Availability:	Open, fees	

# France (Continued)

Reference: FRAN 5 Entry Number: 193

Database: Ecomine  
 Data Type: Bibliographic  
 Acronym: ECOMINE  
 Data Subject: Metallic Mineral Resources, Non-Metallic Mineral Resources  
 Subjects: Mineral and mining economics: costs, investments, reserves, production, mining feasibility studies, export, import  
 Keywords: Economic minerals, production, mining license, exploitation, ore deposits, mining, export, import, France  
 Organization: Bureau de Recherches Geologiques et Minieres - B.R.G.M.  
 Center Name: Geological Survey of France - B.R.G.M.  
 Center Type: Governmental organization  
 Address: B.R.G.M., Avenue de Concy, B.P., 6009, 45060 Orleans Cedex, France  
 Telephone: 33-38-643434 Telex: 780258  
 Contact: C. Nail  
 Coverage: International  
 Territory: Worldwide  
 Time Period: Begin: 1983 End: Present  
 Volume: 12,000 records  
 Updates: Monthly  
 Computers: IBM  
 Software: Questel  
 Output: Online, compilations, periodical  
 Language: French, English  
 Availability: Open, fees, network

Reference: FRAN 6 Entry Number: 197

Database: French Gravimetric Database  
 Data Type: Numeric  
 Acronym: GRAVI  
 Data Subject: Geophysics  
 Subjects: Gravimetric data  
 Keywords: Gravity surveys, Bouguer anomalies, France  
 Organization: Bureau de Recherches Geologie et Minieres  
 Center Name: Geological and Mining Research Office  
 Center Type: Geological Survey  
 Address: Avenue de Concy, B.P. 6009, 45060 Orleans Cedex, France  
 Telephone: 33-38-643434  
 Contact: J. P. Lepretre  
 Coverage: Local  
 Territory: France  
 Time Period: Begin: 1940 End: Present  
 Volume: 357,000 records  
 Updates: Monthly  
 Computers: VAX 780  
 Software: Oracle  
 Output: Online  
 Availability: Restricted



France (Continued)

Reference: FRAN 7 Entry Number: 195

Database: French Subsurface Database  
 Data Type: Numeric  
 Acronym: B.S.S.  
 Data Subject: General Geosciences  
 Subjects: Drilling wells, underground works, geological descriptions, hydrochemical data, water level, mineral deposits  
 Keywords: Areal geology, France  
 Organization: Bureau de Recherches Geologie et Minieres  
 Center Name: Geological and Mining Research Office  
 Center Type: Geological Survey  
 Address: B.R.G.M., Avenue de Concy, B.P. 6009, 45060, Orleans Cedex, France  
 Telephone: 33-38-643434  
 Contact: J. P. Lepretre  
 Coverage: National  
 Territory: France  
 Volume: 330,000 records (4 gigabytes)  
 Updates: Daily  
 Computers: VAX 780  
 Software: Oracle  
 Output: Online, compilations  
 Language: French  
 Availability: Public access by Minitel - Videotex through geobanque, network

Reference: FRAN 8 Entry Number: 196

Database: Geobanque  
 Data Type: Numeric  
 Data Subject: Hydrogeology, Regional geology - Mapping geology  
 Subjects: General information concerning observations of the French subsurface  
 Keywords: Hydrogeology, ground water, subsurface geology, stratigraphy, France  
 Organization: Bureau de Recherches Geologie et Minieres  
 Center Name: Geological and Mining Research Office  
 Center Type: Geological Survey  
 Address: B.R.G.M., Avenue de Concy, B.P. 6009, 45060, Orleans Cedex, France  
 Telephone: 33-38-643434  
 Contact: J. P. Lepretre  
 Coverage: Local  
 Territory: France  
 Time Period: Begin: 1840 End: Present  
 Volume: 330,000 records  
 Updates: Semiannually  
 Computers: IBM  
 Software: Questel Plus  
 Output: Online  
 Language: French  
 Availability: Open, fees, network, minitel videotex (36280003)

# France (Continued)

Reference: FRAN 9

Database: HORIZON  
 Data Type: Bibliographic  
 Acronym: HORIZON  
 Data Subject: General Geosciences  
 Subjects: HORIZON supplies the references to ORSTOM Scientific Works. Subject coverage is: earth sciences, health sciences, marine and freshwater sciences, economics and social sciences, plant and animal sciences, fundamental sciences, and engineering  
 Keywords: Earth sciences, hydrology, biology, engineering, France  
 Organization: Institut Francais de Recherche Scientifique pour le Developement en Cooperation (ORSTOM)  
 Center Name: French Scientific Research Institute for Development thru Coop  
 Center Type: Research institute  
 Address: Orstom-Base Horizon, 72 Route D'Aulnay, 93143 Bondy Ledex, France  
 Telephone: 33-1-48473195 Telex No: 215203F  
 Contact: Marie Helene Perrot, Francine Delmas  
 Coverage: International data  
 Territory: Tropical regions  
 Time Period: Begin: 1947 End: Present  
 Volume: 33,000 records with approximately 1,500 characters per record  
 Updates: Monthly  
 Computers: SUN 3/260  
 Software: TEXTO and in-house software  
 Output: Interactive, published data bulletins  
 Language: French  
 Availability: Open, fees

Reference: FRAN 10 Entry Number: 188

Database: Hydrocarbons, Petroleum, Gas and Energy Database  
 Data Type: Numeric, bibliographic  
 Data Subject: Fuels and Energy Resources Geochemistry, Isotopes  
 Subjects: Research and development, training and information in the field of hydrocarbons, petroleum, natural gas and energy  
 Keywords: Petroleum engineering, energy sources, petroleum geology, drilling, thermodynamic properties, France  
 Organization: Institut Francais du Petrole (IFP)  
 Center Name: French Petroleum Institute  
 Center Type: Regional institute  
 Address: 4, Avenue De Bois Preau, B.P. 311, 92506 Ruell Malmaison Cedex, France  
 Telephone: 01-74-90214 Telex: 203050 f ifp  
 Contact: J. Funck  
 Coverage: International  
 Territory: Global  
 Time Period: Begin: 1974 End: Present  
 Output: Online, compilations  
 Language: French, English  
 Availability: Open, fees

France (Continued)

Reference:       FRAN 12                   Entry Number: 187

Database:        Microfossiles

Data Type:       Numeric, bibliographic

Data Subject:    Paleontology, Stratigraphy

Keywords:        Microfossils, foraminifera, dinoflagellata, coccoliths, France

Organization:    Centre de Biostratigraphie Informatique, Universite D'Aix, Marseille 1

Center Name:     Center of Biostratigraphy Dataprocessing, University of Aix

Center Type:     University, special schools

Address:         Centre St Charles, Place Victor-Hugo, 13331 Marseilles

Telephone:       91-95-9071/607 ext

Contact:         M. Reyre

Coverage:        International

Territory:        Global- Main volume of data from France

Time Period:     Begin: 1981   End: Present

Volume:          1,200 records

Updates:         Irregularly

Output:          Batch

Language:        French, English

Availability:     Open, free (France)

Reference:       FRAN 13                   Entry Number: 189

Database:        National Geochemical Database

Data Type:       Numeric

Data Subject:    Geochemistry Environmental Geology

Subjects:         Stream sediments analyses from 100,000 sq km with an average of three soil or stream  
sediment samples per sq km

Keywords:        Soils, stream sediments, chemical composition, pollution, Holocene, France

Organization:    Bureau de Recherches Geologiques et Minieres - B.R.G.M.

Center Name:     Geological Survey of France - B.R.G.M.

Center Type:     Geological survey

Address:         B.R.G.M., Avenue de Concyr, B.P. 6009, 45060, Orleans Cedex, France

Telephone:       33-38-643434   Telex: 780258

Coverage:        National

Territory:        France

Time Period:     Begin: 1984   End: Present

Volume:          300,000 records

Updates:         Continuously

Computers:       VAX (Oracle in 1993)

Output:          Online, batch

Language:        French

Availability:     Open

Reference:       FRAN 14

Database:        Ouvrages Disponibles

# France (Continued)

**Data Type:** Bibliographic  
**Acronym:** BIBLI  
**Data Subject:** Mineralogy, General Geosciences  
**Keywords:** France  
**Organization:** CNRS/Universite de Rennes 1 - Institut de Geologie  
**Center Type:** Research institute, University  
**Address:** Campus de Beaulieu, Av. GI Leclerc, 35042 RENNES Cedex  
**Telephone:** 33-99-286075 FAX: 33-99-286780  
**Contact:** Mme M. A. Olivier  
**Coverage:** International data  
**Volume:** 4,000 records with approximately 600 characters per record  
**Updates:** Daily  
**Computers:** Zenith Z-386/25  
**Software:** Polybase  
**Output:** Interactive  
**Language:** French

**Reference:** FRAN 15

**Database:** Paleontology  
**Data Type:** Numeric  
**Acronym:** PALEONTO  
**Data Subject:** Paleontology  
**Subjects:** Inventory of specimens curaket in the museum  
**Keywords:** Collection, paleontology, France  
**Organization:** Office National de Geston des Collections Paleontologiques France, Universite Claude Bernard  
**Center Name:** University of Claude Bernard  
**Center Type:** University  
**Address:** Bat. 402, 27/43 Boulevard du 11 Novembre, 69622 Villeurbanne Cedex  
**Telephone:** 72-44-8488  
**Contact:** A. Prieur  
**Coverage:** International  
**Territory:** Global  
**Time Period:** Begin: 1965  
**Volume:** 130,000 references  
**Updates:** Continously  
**Computers:** PC  
**Software:** TEXT0  
**Output:** Local  
**Language:** French  
**Availability:** Open

**Reference:** FRAN 16      **Entry Number:** 191

**Database:** Pascal-Geode

# France (Continued)

**Data Type:** Bibliographic  
**Data Subject:** General Geosciences  
**Subjects:** Published literature in earth sciences from France and other countries  
**Keywords:** Geology, France  
**Organization:** Bureau de Recherches Geologie et Minieres  
**Center Name:** Geological and Mining Research Office  
**Center Type:** Geological Survey  
**Address:** B.R.G.M., Avenue de Concy, B.P. 6009, 45060, Orleans Cedex, France  
**Telephone:** 33-38-643434  
**Contact:** C. Nail  
**Coverage:** International  
**Territory:** Global  
**Time Period:** Begin: 1968 End: Present  
**Volume:** 800,000 records (approx. 800 bytes/record)  
**Updates:** Monthly  
**Computers:** IBM-PC  
**Software:** Questel Plus  
**Output:** Online, batch, bulletin  
**Language:** French, English  
**Availability:** Open, fees, network

**Reference:** FRAN 17                      **Entry Number:** 194

**Database:** Permanent Seismic Network Of LDG - Reseau Sismique Permanent  
**Data Type:** Numeric  
**Data Subject:** Geophysics  
**Keywords:** Seismograms, earthquakes, epicenters, Polynesia, France  
**Organization:** Laboratoire de Detection et de Geophysique  
**Center Name:** Laboratory of Sensing and Geophysics  
**Address:** B.P. 136, 92124 Mont Rouge Cedex, France  
**Telephone:** 1-4909280/5378 ext  
**Contact:** Massion, B.  
**Coverage:** National  
**Territory:** France and Polynesia  
**Time Period:** Begin: 1980 End: Present  
**Updates:** Continuously  
**Computers:** IBM-PC  
**Output:** Online, batch, bulletin

**Reference:** FRAN 18                      **Entry Number:** 192

**Database:** Roches Carbonatees - Banque des Donnes  
**Data Type:** Bibliographic  
**Data Subject:** Geomorphology, Quaternary Geology  
**Subjects:** Carbonates - their chemical analyses, physical properties and geological problems  
**Keywords:** Carbonate rocks, chemical composition, chemical weathering, karst, France  
**Organization:** Institut de Geodynamique, Laboratoire Associe des Sciences de L'Information et de la

## France (Continued)

Communication  
 Center Name: Institute of Geodynamics, Laboratory of Dataprocessing  
 Address: Universite de Bordeaux 3, Domaine Universitaire, 33405 Talence Cedex, France  
 Telephone: 56-80-6800  
 Contact: M. Humbert, M. Ducasse  
 Coverage: International  
 Territory: Global  
 Time Period: Begin: 1983 End: Present  
 Volume: 1,000 records  
 Updates: Annually  
 Output: Online, batch  
 Language: French, English  
 Availability: Open, free (France)

Reference: FRAN 19                      Entry Number: 201

Database: Statsid Data Bank  
 Data Type: Numeric, bibliographic  
 Acronym: STATSID  
 Data Subject: Fuels, Energy Resources  
 Subjects: Collection of statistics on worldwide exploration for, and production of, petroleum and gas  
 Keywords: Energy sources, fuel resources, exploration, marine platforms, France  
 Organization: Societe Nationale Eip Aquitaine (SNEA)  
 Center Name: Statsid Data Bank of SNEA  
 Center Type: Governmental organization  
 Address: 7, Rue Nelaton, 75015 Paris, France  
 Telephone: 1-57-17273  
 Coverage: International  
 Territory: Global  
 Updates: Monthly  
 Output: Online, microforms, batch, bulletins  
 Language: French  
 Availability: Open, fees

Reference: FRAN 20

Database: Stratigraphical Ages  
 Data Type: Numeric  
 Acronym: STRATI  
 Data Subject: Stratigraphy  
 Subjects: Inventory of all stratigraphic ages  
 Keywords: Stratigraphic scale, chronostratigraphy, France  
 Organization: Office National de Gestion des Collections Paleotologiques France  
 Center Name: University Claude Bernard  
 Center Type: University

# France (Continued)

Address: Bat. 402, 27/43 Boulevard du 11 Novembre, 69622 Villeurbanne Cedex  
 Telephone: 72-44-8488  
 Contact: A. Prieur  
 Time Period: Begin: 1987 End:  
 Volume: 750 references  
 Updates: Continously  
 Computers: PC  
 Software: TEXTO  
 Output: Local  
 Language: French  
 Availability: Open

## Germany

Reference: GER 1 Entry Number: 214

Database: Archivdokumentation (Archival Data)  
 Data Type: Bibliographic  
 Data Subject: General Geosciences  
 Subjects: Archive data of Geological Survey  
 Keywords: Mapping, areal geology, geology, Westphalia, North Rhine, Germany  
 Organization: Geologisches Landesamt Nordrhein-Westfalen  
 Center Name: Geological Survey of Northrhine-Westphalia  
 Center Type: Geological Survey  
 Address: De Greif Strasse 195, D-4150, Krefeld, Germany  
 Telephone: 02151/897201  
 Contact: Timpe  
 Coverage: Local  
 Territory: North Germany  
 Time Period: Begin: 1789 End: Present  
 Volume: 35,000 records (400 char per record)  
 Updates: Daily  
 Computers: IBM (MVS)  
 Software: IRMS(IBM)  
 Output: Online, batch, compilations  
 Language: German  
 Availability: Restricted, free

Reference: GER 2 Entry Number: 215

Database: Baugrund  
 Data Type: Numeric  
 Data Subject: Engineering Geology  
 Keywords: Engineering geology, foundations, Germany  
 Organization: Geologisches Landesamt Nordrhein-Westfalen  
 Center Name: Geological Survey Of Northrhine-Westphalia  
 Center Type: Geological Survey  
 Address: De-Greif Strasse 195, D-4150, Krefeld, Germany  
 Telephone: 02151/897201

# Germany (Continued)

**Contact:** Timpe  
**Time Period:** Begin: 1960 End: Present  
**Volume:** 24,000 records (280 char per record)  
**Updates:** Monthly  
**Computers:** Hewlett Packard 9000 (UNIX)  
**Software:** Geodat  
**Output:** Online, batch, compilations  
**Language:** German  
**Availability:** Restricted, free

**Reference:** GER 17                      **Entry Number:** 221

**Database:** Bodendaten Bank  
**Data Type:** Numeric, Bibliographic  
**Acronym:** GESDAT  
**Data Subject:** Environmental Geology  
**Subjects:** Soil physiochemical data  
**Keywords:** Soils, mapping, quaternary, Rhineland-Palatinate, Germany  
**Organization:** Geologisches Landesamt Rheinland-Pfalz  
**Center Name:** Geological Survey Of Rhineland-Palatinate  
**Center Type:** Geological Survey  
**Address:** Emmeransstrasse 36, D-6500, Mainz-1, Germany  
**Telephone:** 06131/232261  
**Contact:** A. Wourtsakis  
**Coverage:** Regional  
**Territory:** Rhineland-Palatinate  
**Time Period:** Begin: 1987 End: Present  
**Volume:** 743 records with 1,200 char.; 3349 records with 853 char  
**Updates:** Monthly  
**Computers:** IBM-PC/2; DEC System 5100  
**Software:** Dbase III+, Basic  
**Output:** Online, compilations  
**Language:** German  
**Availability:** Restricted

**Reference:** GER 3

**Database:** Bodenkunde  
**Data Type:** Numeric  
**Data Subject:** Environmental Geology  
**Subjects:** Soil pit description, soil chemistry  
**Keywords:** Soil science, soil type, analytical data, Westphalia, North Rhine, Germany  
**Organization:** Geologisches Landesamt Nordrhein-Westfalen  
**Center Name:** Geological Survey of Northrhine-Westphalia  
**Center Type:** Geological Survey  
**Address:** De-Greif Strasse 195, D-4150, Krefeld, Germany  
**Telephone:** 02151/897207



# Germany (Continued)

Contact: Timpe  
 Coverage: Regional data  
 Territory: Northrhine - Westphalia  
 Time Period: Begin: 1975 End: Present  
 Volume: 1,600 records (500 characters per record)  
 Updates: Monthly  
 Computers: IBM (MVS)  
 Software: DB2  
 Output: Online, batch, compilations  
 Language: German  
 Availability: Restricted

Reference: GER 4 Entry Number: 216

Database: Bohrungen (Boreholes)  
 Data Type: Numeric  
 Data Subject: Regional Geology-Mapping Geology  
 Subjects: Borehole descriptions, positioning and stratigraphy  
 Keywords: Borehole, stratigraphy, lithology, drilling, Westphalia, North Rhine, Germany  
 Organization: Geologisches Landesamt Nordrhein Westfalen  
 Center Name: Geological Survey of Northrhine-Westphalia  
 Center Type: Geological Survey  
 Address: De Greif Strasse 195, D-4150, Krefeld, Germany  
 Telephone: 02151/897201  
 Contact: Timpe  
 Coverage: Local  
 Territory: North-Westphalia  
 Time Period: Begin: 1960 End: Present  
 Volume: 150,000 records (80 characters per record) plus 13,600 records  
 Updates: Weekly  
 Computers: IBM (MVS), Hewlett Packard/9000 (UNIX)  
 Software: VSAM (IBM), INGRES, GEODAT  
 Output: Online, batch, compilations  
 Language: German  
 Availability: Restricted, free

Reference: GER 5 Entry Number: 208

Database: Calabrian Computer Log  
 Data Type: Numeric  
 Acronym: CALCOLO  
 Data Subject: Petrology; Sedimentary  
 Keywords: Sedimentology, grain size, drainage basins, Calabria, Italy, Germany  
 Organization: Inst. Fuer Geologie, Freie Univ. Berlin  
 Center Name: Dept. of Geology, Free Univ. of Berlin  
 Center Type: University, special schools  
 Address: Altensteinstrasse 34a, D-1000, Berlin, Germany

Germany (Continued)

Telephone: 8384621  
Contact: H. Ibbeken  
Coverage: Regional  
Territory: Calabria, Italy  
Time Period: Begin: 1969 End: Present  
Volume: 150,000 records (approx 50 characters per record)  
Updates: Semi-annually  
Computers: CONTROL DATA CYBER 180  
Software: SIR (Sci. Inf. Retrieval)  
Output: Online, batch, compilations  
Language: English  
Availability: Restricted, free

Reference: GER 26

Database: Ceramic Firing  
Data Type: Numeric  
Subjects: Database on firing properties of ceramic raw materials  
Keywords: Temperature, water absorbency, fragment thickness, Germany  
Organization: Bayerisches Geologisches Landesamt  
Center Name: Bavarian Geological Survey  
Center Type: Geological Survey  
Address: Bay GLA, Hess str. 123, 8000 Munchen 40, Germany  
Telephone: 089-12000-600  
Contact: Dr. Lagally  
Coverage: Regional data  
Territory: Bararia  
Time Period: Begin: 1988 End: Present  
Volume: 1,194 records with 88 char. each  
Updates: Monthly

Reference: GER 27

Database: Ceramic Base Data  
Data Type: Numeric  
Subjects: Database on the location and type of ceramic raw materials  
Keywords: R-value, H-value, TK25, Geology, Germany  
Organization: Bayerisches Geologisches Landesamt  
Center Name: Bavarian Geological Survey  
Center Type: Geological survey  
Address: Bay GLA, Hess str 128, 8000 Munchen 40, Germany  
Telephone: 089-12000-600  
Contact: Dr. Lagally  
Coverage: Regional data  
Territory: Bavaria  
Time Period: Begin: 1988 End: Present  
Volume: 582 records with 372 char. each

# Germany (Continued)

Updates: Monthly  
Computers: Siemens mainframe/BS 2000  
Software: In-house  
Language: German

Reference: GER 6 Entry Number: 218

Database: Chembank  
Data Type: Numeric, bibliographic  
Acronym: CHEMBANK  
Data Subject: Geochemistry, Isotopes  
Subjects: Rocks and soil chemistry, petrology, exploration, references  
Keywords: Geochemistry, rocks, soils, mineral exploration, Rhineland, Palatinate, Germany  
Organization: Geologisches Landesamt Rheinland-Pfalz  
Center Name: Geological Survey of Rhineland-Palatinate  
Center Type: Geological Survey  
Address: Emmeransstrasse 36, D-6500, Mainz-1, Germany  
Telephone: 06131/232261  
Contact: M. Krimmel  
Coverage: Regional  
Territory: Rheinland-Palatinate  
Time Period: Begin: 1988 End: Present  
Volume: 5 megabytes  
Updates: Weekly  
Computers: IBM-PC, DEC System 5100  
Software: Dbase III+, Basic, IBM Text-4  
Output: Online, compilations, periodical  
Language: German  
Availability: Restricted

Reference: GER 7 Entry Number: 220

Database: Cologne Database of Ostracoda  
Data Type: Bibliographic  
Acronym: CDO  
Data Subject: Paleontology, Micropaleontology, Ostracoda  
Subjects: All useful information on ostracoda (fossil and living): taxonomy, geographical and stratigraphical distribution, ecology, biology, environment, shell characteristics, kind of documentation. Future extension to GRESS (Growing Expert Support System).  
Keywords: Ostracoda, paleontology, micropaleontology, biostratigraphy, zoology, biogeography, paleobiogeography, marine microfossils, nonmarine microfossils, Germany  
Organization: Geologisches Institut, Universitaet zu Koeln  
Center Name: Geological Institute of the University at Cologne  
Center Type: University, special schools  
Address: Zuelpicher Strasse 49, D-5000, Koeln-1, Germany  
Telephone: 0221-470-2538  
Contact: E. K. Kempf

Germany (Continued)

Coverage: International  
Territory: Global  
Time Period: Begin: 1758 End: Present  
Volume: 270,000 records (80 char per record)  
Updates: Monthly  
Computers: ATARI TT030/8  
Software: Phoenix, Calamus, and in-house programs  
Output: Compilations  
Language: English  
Availability: Restricted, fees

Reference: GER 8 Entry Number: 219

Database: Dokumentations und Abfrageprogramm fur Schicht und Proben  
Data Type: Numeric  
Acronym: DASP  
Data Subject: Regional Geology-Mapping Geology  
Subjects: The system includes database for handling of basic geoscientific data (boreholes, stratigraphic records, laboratory samples etc.) and utility for processing data including plotting  
Keywords: Mapping, borehole, stratigraphy, sampling, areal geology, Scheleswig-Holstein, Germany  
Organization: Geologisches Landesamt, Schleswig-Holstein  
Center Name: Geological Survey of Schleswig-Holstein  
Center Type: Geological Survey  
Address: Mercatorstrasse 7, D-2300, Kiel, Germany  
Telephone: 0431/301-425-31  
Contact: S. Christensen  
Coverage: Regional  
Territory: Schleswig-Holstein  
Time Period: Begin: 1984 End: Present  
Updates: Weekly  
Computers: Sharp, OA/UX 8140  
Software: Unix, Special  
Output: Online, compilations, periodical  
Language: German  
Availability: Restricted

Reference: GER 30

Database: Drilling Locality Database  
Data Type: Numeric  
Data Subject: Regional geology-mapping geology, engineering & hydro-geology  
Subjects: Drilling data  
Keywords: Drilling, Germany  
Organization: Bayerisches Geologisches Landesamt  
Center Name: Bavarian Geological Survey

# Germany (Continued)

Center Type: Geological survey  
 Address: Hess-Str. 128, 8000 Munchen 40. Germany  
 Telephone: 089-12000-600  
 Contact: Dr. H. Frank  
 Coverage: Regional data  
 Territory: Bavaria  
 Time Period: Begin: 1987 End: Present  
 Volume: 4,000 records  
 Updates: Permanent  
 Output: Online

Reference: GER 25

Database: Experimental Ceramic Database  
 Data Type: Numeric  
 Subjects: Database on the properties of ceramic raw materials  
 Keywords: Chemistry, minerology, green sizes, plasticity, dryness, Germany  
 Organization: Bayerisches Geologisches Landesamt  
 Center Name: Bavarian Geological Survey  
 Center Type: Geological Survey  
 Address: Bay GLA, Hess str 128, 8000 Munchen 40, Germany  
 Telephone: 089-12000-600  
 Contact: Dr. Lagally  
 Coverage: Regional Data  
 Territory: Bavaria  
 Time Period: Begin: 1988 End: Present  
 Volume: 740 records with 944 char. per record  
 Updates: Monthly

Reference: GER 10 Entry Number: 209

Database: Geochemical Atlas  
 Data Type: Numeric  
 Acronym: GEOMULDAT  
 Data Subject: Geochemistry  
 Subjects: Geochemistry of surface waters and stream sediments  
 Keywords: Geochemistry, water, stream sediments, Germany  
 Organization: Bundesanstalt Geowissenschaften Rohstoffe  
 Center Name: Federal Institute for Geosciences and Natural Resources  
 Center Type: Geological Survey  
 Address: Stilleweg 2, P.O. Box 510153, D-3000, Hannover 51, Germany  
 Telephone: 0511/643-0  
 Contact: R. Hindel, U. Siewers  
 Coverage: National  
 Territory: Germany  
 Time Period: Begin: 1977 End: Present  
 Volume: 70,000 records (25 char per rec)

# Germany (Continued)

Updates: Annually  
Computers: VAX 6200, 6300, 6400  
Software: Sequential File  
Output: Online, compilations, bulletin  
Language: German  
Availability: Open, fees

Reference: GER 31

Database: GEODOK Information database  
Data Type: Numeric  
Acronym: GEODOK  
Data Subject: Non-metallic min. resources, stratigraphy, general geosciences  
Subjects: drilling sources and outcrops  
Keywords: R-value, H-value, TK25, Germany  
Organization: Bayerisches Geologisches Landesamt  
Center Name: Bavarian Geological Survey  
Center Type: Geological survey  
Address: Hess str. 128, 8000 Munchen 40, Germany  
Telephone: 089-12000-600  
Contact: Dr. Lagally  
Coverage: Regional data  
Territory: Bavaria  
Time Period: Begin: 1987 End: Present  
Volume: 3,500 records  
Updates: Permanent  
Computers: Siemens mainframe/BS 2000  
Software: ADABAS  
Output: Online, periodical reports  
Language: German

Reference: GER 11 Entry Number: 211

Database: Geoline  
Data Type: Bibliographic  
Acronym: GEOLINE  
Data Subject: General Geosciences  
Subjects: All fields in geosciences and natural resources  
Keywords: Geology, Germany  
Organization: Bundesanstalt Geowissenschaften Rohstoffe  
Center Name: Federal Institute for Geosciences and Natural Resources  
Center Type: Geological Survey  
Address: Stilleweg 2, P.O. Box 510153, D-3000, Hannover 51, Germany  
Telephone: 0511/643-2813  
Contact: A. Billib  
Coverage: International  
Territory: Global

# Germany (Continued)

Time Period: Begin: 1970 End: Present  
 Volume: 650,000 records  
 Updates: Monthly  
 Computers: IBM-PC  
 Output: Online  
 Language: German  
 Availability: Open, fees, network

Reference: GER 23

Database: GEORISK  
 Data Type: Numeric  
 Acronym: GEORISK  
 Data Subject: Environmental geology, geomorphology, engineering geology  
 Subjects: Principal data of mass movements: Locality, size, type, activity, risk, cause  
 Keywords: Germany  
 Organization: Bayerisches Geologisches Landesamt  
 Center Name: Bavarian Geological Survey  
 Center Type: Geological survey  
 Address: Hessesstrasse 128, D-8000 Muenchen 40, Germany  
 Telephone: 089-12000-600  
 Contact: Dr. A Vi Poschinger  
 Coverage: Regional data  
 Territory: Bavarian Alps  
 Time Period: Begin: 1988 End: Present  
 Volume: 800  
 Updates: Monthly  
 Output: Online search (interactive)

Reference: GER 9 Entry Number: 205

Database: Geow. Schutzwurdige Objekte  
 Data Type: Numeric  
 Acronym: GEOSCHOB-BY  
 Data Subject: General Geosciences, Environmental Geology  
 Subjects: Bavarian  
 Keywords: Areal geology, Bavaria, Germany, Geotope, Natural Preservation, Germany  
 Organization: Bayerisches Geologisches Landesamt  
 Center Name: Bavarian Geological Survey  
 Center Type: Geological Survey  
 Address: Hessesstrasse 128, D-8000, Munich 40, Germany  
 Telephone: 089-12000-600  
 Contact: U.Lagally  
 Coverage: Regional  
 Territory: Upper Bavaria  
 Time Period: Begin: 1986 End: Present  
 Volume: 1,600 records

# Germany (Continued)

Updates: Continuously  
Computers: Simens Mainframe BS 2000  
Software: Adabas  
Output: Online, batch, compilations  
Language: German  
Availability: Restricted

Reference: GER 29

Database: Gydrogeochemical Analysis  
Data Type: Numeric  
Acronym: HYD-ANAL  
Data Subject: Gydro-geology, geochemistry, Isotopes  
Subjects: Analysis of the HYD-STAMM samples  
Keywords: Data, chemical parameters, Germany  
Organization: Bayerisches Geologisches Landesamt  
Center Name: Bavarian Geological Survey  
Center Type: Geological survey  
Address: Bay GLA, Hess str. 128, 8000 Munchen 40, Germany  
Telephone: 089-12000-600  
Contact: Dr. Lagally  
Coverage: Regional data  
Territory: Bavaria  
Time Period: Begin: 1987 End: Present  
Volume: 3,800 records with 1,230 character each  
Updates: Monthly

Reference: GER 28

Database: Gydrogeochemistry Basic Data  
Data Type: Numeric  
Acronym: HYD-STAMM  
Data Subject: Hydro-geology, geochemistry, Isotopes  
Subjects: Database on location and type of springs , surface water, and streams from which Hydrogeological samples were taken  
Keywords: R-value, H-value, TK25, GWL, Germany  
Organization: Bayerisches Geologisches Landesamt  
Center Name: Bavarian Geological Survey  
Center Type: Geological survey  
Address: Bay GLA, Hess str. 128, 8000 Munchen 40, Germany  
Telephone: 089-12000-600  
Contact: Dr. Lagally  
Coverage: Regional data  
Territory: Bavaria  
Time Period: Begin: 1987 End: Present  
Volume: 1,180 records with 350 character each  
Updates: Monthly



Germany (Continued)

Computers: Siemens mainframe/BS2000  
Software: In-house  
Language: German

Reference: GER 12                      Entry Number: 217

Database: Hydrochemie  
Data Type: Numeric  
Data Subject: Hydrogeology Geochemistry  
Subjects: Water chemistry, sampling point description, including geology  
Keywords: Hydrochemistry, sampling, pollution, ground water, North Rhine, Westphalia, Germany  
Organization: Geologisches Landesamt Nordrhein-Westfalen  
Center Name: Geological Survey of Northrhine-Westphalia  
Center Type: Geological Survey  
Address: De Greiff Strasse 195, D-4150, Krefeld, Germany  
Telephone: 02151/897201  
Contact: Timpe  
Coverage: Regional  
Territory: North Rhine-Westphalia  
Time Period: Begin: 1950    End: Present  
Volume: 13,000 records (560 characters per record)  
Updates: Weekly  
Computers: Hewlett Packard/9000 (UNIX)  
Software: Geodat  
Output: Online, batch, compilations  
Language: German  
Availability: Restricted, free

Reference: GER 13                      Entry Number: 204

Database: Inventarnummer  
Data Type: Bibliographic  
Acronym: SLGNR  
Data Subject: Paleontology  
Subjects: Collection of all published specimens of the collection BSP (vertebrated and invertibrates including bibliography)  
Keywords: Vertebrata, Germany  
Organization: Bayerische Staatssammlung fur Palaontologic und historische Geologie  
Center Name: Bavarian State Coll. of Paleontology & Historical Geology  
Center Type: Regional institute  
Address: Richard Wagner Str. 10/II, D-8000, Munich, Germany  
Telephone: 089/5203/362  
Contact: H. Mayr  
Coverage: International  
Territory: Global  
Time Period: Begin: 1987    End: Present  
Volume: 4,000 Records (75 characters per record)

# Germany (Continued)

**Updates:** Irregular  
**Computers:** Tandon Data Pac 286 PLUS  
**Software:** Dbase III+, Texass-Window+  
**Output:** Compilations, periodical  
**Language:** German  
**Availability:** Free

**Reference:** GER 24

**Database:** Kermamik-Brenndaten  
**Data Type:** Numeric  
**Keywords:** Germany  
**Organization:** Bayerisches Geologisches Landesamt  
**Center Name:** Bavarian Geological Survey  
**Center Type:** Geological survey  
**Address:** Bay GLA, Hessstr. 128, 8000 Munchen 40, Germany  
**Telephone:** 089-12000-600  
**Contact:** Dr. Lagally  
**Coverage:** Bavaria  
**Territory:** Regional data  
**Time Period:** Begin: 1988 End: Present  
**Volume:** 1,194 records (88 character per record)  
**Updates:** Monthly

**Reference:** GER 14      **Entry Number:** 222

**Database:** Landslides  
**Data Type:** Numeric Bibliographic  
**Data Subject:** Engineering Geology  
**Subjects:** Drilling description, borehole logs, quaternary and engineering geology  
**Keywords:** Drilling, boreholes, quaternary, landslides, Rhineland-Palatinte, Germany  
**Organization:** Geologisches Landasamt Rheinland-Pfalz  
**Center Name:** Geologisches Survey Of Rhineland-Palatinate  
**Center Type:** Geological Survey  
**Address:** Emmeransstrasse 36, D-6500, Mainz-1, Germany  
**Telephone:** 06131/23-22-61  
**Contact:** K. Kerzan  
**Coverage:** Regional  
**Territory:** Rhineland-Palatinate  
**Time Period:** Begin: 1988 End: Present  
**Volume:** 4 megabytes  
**Updates:** Weekly  
**Computers:** IBM PS/2  
**Software:** Dbase III+, IBM Text-4, Fortran 77  
**Output:** Online, compilations, periodical  
**Language:** German  
**Availability:** Restricted

# Germany (Continued)

Reference: GER 15 Entry Number: 212

Database: Marineline  
 Data Type: Bibliographic  
 Acronym: MARINELINE  
 Data Subject: Marine Geology  
 Subjects: Desalination, navigation, oceanology, platform construction, Law of Sea, diving technology, environmental geology, mineral resources  
 Keywords: Marine geology, mineral resources, Germany  
 Organization: Bundesanstalt Geowissenschaften Rohstoffe  
 Center Name: Federal Institute for Geosciences and Natural Resources  
 Center Type: Geological Survey  
 Address: Stilleweg 2, P.O. Box 510153, D-3000, Hannover 51, Germany  
 Telephone: 0511/643-2813  
 Contact: A. Billib  
 Coverage: International  
 Territory: Global  
 Time Period: Begin: 1975 End: Present  
 Volume: 25,000  
 Updates: Monthly  
 Computers: IBM  
 Output: Online  
 Language: Open, fees, network

Reference: GER 16 Entry Number: 210

Database: Mineral Deposit Databank  
 Data Type: Bibliographic  
 Data Subject: Metallic Mineral Resources  
 Subjects: Mineral deposits  
 Keywords: Mineral resources, metal ores, mineral economics, Germany  
 Organization: Bundesanstalt Geowissenschaften Rohstoffe  
 Center Name: Federal Institute for Geosciences and Natural Resources  
 Center Type: Geological Survey  
 Address: Stilleweg 2, P.O.Box 510153, D-3000, Hannover 51, Germany  
 Telephone: 0511/643-0  
 Coverage: International  
 Territory: Global  
 Time Period: Not listed  
 Volume: 5,000 deposits (cca 9.5 megabytes)  
 Computers: VAX  
 Software: Grasp + Rdb (Commercial)  
 Output: Online  
 Availability: Restricted

# Germany (Con't)

Reference: GER 18 Entry Number: 223

Database: Mineralisch Rohstoffe  
 Data Type: Numeric, bibliographic  
 Acronym: PROVIS  
 Data Subject: Non-Metallic Mineral Resources  
 Subjects: Industrial minerals, reserves, resources, owners  
 Keywords: Industrial minerals, reserves, mining, Rhineland-Palatinate, Germany  
 Organization: Geologisches Landesamt Rheinland-Pfalz  
 Center Name: Geological Survey of Rhineland-Palatinate  
 Center Type: Geological Survey  
 Address: Emmeransstrasse 36, D-6500, Mainz-1, Germany  
 Telephone: 06131/232261  
 Contact: K. Steingoetter  
 Coverage: Regional  
 Territory: Rhineland-Palatinate  
 Volume: 2-3 megabytes  
 Computers: IBM-PC  
 Software: Dbase III+, Text 4, Fortran 77  
 Output: Online, compilations, periodical  
 Language: German (English)  
 Availability: Restricted

Reference: GER 19 Entry Number: 224

Database: Seismological Central Observatory GRF  
 Data Type: Numeric  
 Acronym: GRF DATABASE  
 Data Subject: Geophysics  
 Subjects: Operation of digital broadband seismic array with 13 remote stations and 1 sro-station (Graefenberg)  
 Keywords: Seismogram, earthquakes, epicenters, seismic risk, Germany  
 Organization: Seismologisches Zentralobservatorium, GRF  
 Center Name: GRF Seismological Central Observatory  
 Center Type: Governmental organization  
 Address: Krankenhausstrasse 1-3, D-8520, Erlangen, Germany  
 Telephone: 09131-25900 Telex 29706  
 Coverage: National  
 Territory: Germany  
 Time Period: Begin: 1974 End: Present  
 Updates: Continuously  
 Output: Online, bulletins, batch  
 Language: German, English  
 Availability: Open

Germany (Continued)

Reference: GER 20 Entry Number: 206

Database: Soil Mechanics  
 Data Type: Numeric, bibliographic  
 Acronym: GEOTEC  
 Data Subject: Engineering Geology  
 Keywords: Soil mechanics, foundations, physical properties, Bavaria, Germany  
 Organization: Bayerisches Geologisches Landesamt  
 Center Name: Bavarian Geological Survey  
 Center Type: Geological Survey  
 Address: Hesstrasse 128, D-8000, Munich 40, Germany  
 Telephone: 089-12-000  
 Contact: H. J. Baumann  
 Coverage: Regional  
 Territory: Bavaria  
 Time Period: Begin: 1985 End: Present  
 Volume: 5,200 records (100 char per record)  
 Updates: Weekly  
 Computers: SIEMENS 7580-D  
 Software: Adabas, Special  
 Output: Online  
 Language: German  
 Availability: Restricted

Reference: GER 21 Entry Number: 207

Database: Soils Description  
 Data Type: Numeric  
 Acronym: PROFIL-DATEI  
 Data Subject: Environmental Geology  
 Subjects: Description of soils, (including chemical and physical analysis)  
 Keywords: Soil profile, soil type, pedology, bavaria, Germany  
 Organization: Bayerisches Geologisches Landesamt  
 Center Name: Bavarian Geological Survey  
 Center Type: Geological Survey  
 Address: Hessesstrasse 128, Post Pach 40 03 46, D-8000, Munich 40, Germany  
 Telephone: 089-12000-600  
 Contact: W. Martin  
 Coverage: Regional data  
 Territory: Bavaria  
 Time Period: Begin: 1960 End: Present  
 Volume: 1,100 records (1,100 char per record)  
 Updates: Daily  
 Computers: SIEMENS 7580-D  
 Software: BS-2000, Adabas, Special  
 Output: Online  
 Language: German  
 Availability: Restricted

# Germany (Continued)

Reference: GER 22 Entry Number: 213

Database: Stimline  
 Data Type: Bibliographic  
 Acronym: STIMLINE  
 Data Subject: Non-Metallic Mineral Resources  
 Subjects: Industrial minerals and rocks, economic geology, genesis of deposits, prospecting, mining, processing, utilization, properties of materials, analysis, mineral economics, market, production, environmental protection, reclamation, recycling  
 Keywords: Mineral resources, industrial minerals, exploration, processing, reclamation, recycling, mineral planning, environment, economics, Germany  
 Organization: Bundesanstalt fur Geowissenschaften und Rohstoffe  
 Center Name: Federal Institute for Geosciences and Natural Resources  
 Center Type: Geological Survey  
 Address: Stilleweg 2, PO Box 510153, D-3000 Hannover 51, Germany  
 Telephone: 0511-643-2812 Telex 923730 bgrhad  
 Contact: Eckhard Muhs  
 Coverage: International  
 Time Period: Begin: 1975 End: Present  
 Volume: 22,000  
 Updates: Monthly  
 Computers: IBM  
 Output: Online  
 Language: German  
 Availability: Open, fees, network

## Guatemala

Reference: GUAT 1 Entry Number: 230

Database: Petroleum Geology and Geophysics of Guatemala  
 Data Type: Bibliographic  
 Acronym: GEOGUAT  
 Data Subject: Fuels, Energy Resources, Geophysics  
 Subjects: The Database covers all the information related to the oil exploration effort in Guatemala. It includes information about seismic, gravity, magnetics, surface geology, well data, electric logs, topography, cores and cuttings, geochemistry, paleontology, seismic and geologic interpretations, operator's monthly and quarterly reports, published articles, related bibliography, etc. Under development  
 Keywords: Petroleum, exploration, wells, Guatemala  
 Organization: Direccion General Hidrocarburos (Ministerio de Energia y Minas)  
 Center Name: Ministry of Mines and Energy  
 Center Type: Governmental organization  
 Address: Apartado Postal 1421, 01901 Guatemala City, Guatemala, Central America  
 Telephone: 502-2-760679-82 Telex 5516 PETGUA GU  
 Contact: Luis F. Lopez Aguilar  
 Coverage: National data  
 Territory: Guatemala

Guatemala (Continued)

Time Period: Begin: 1949 End: Present  
Volume: 3,500 records with 200 characters/record  
Updates: Monthly  
Computers: Hewlett Packard Vectra-PC and Hewlett Packard 30  
Software: Hewlett Packard Image and dBase III+  
Output: Interactive, compilation  
Language: Spanish  
Availability: Restricted, free

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***Guyana***

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Reference: GUYA 1 Entry Number: 231

Database: Geochemical Database  
Data Type: Numeric  
Acronym: GEOCHEM  
Data Subject: Geochemistry, Isotopes Geophysics  
Subjects: Collection of regional geochemical surveys; analytical results from rocks, soils, stream sediments, vegetation, water or gases. Univariate analysis with some bivariate or multivariate statistical interpretation. Under development  
Keywords: Geochemistry, exploration, chemical composition, mineral resources, Guyana  
Organization: Guyana Geology and Mines Commission  
Center Name: Geological Survey  
Center Type: Geological Survey  
Address: PO Box 1028, Georgetown, Guyana  
Telephone: 53047 Telex 3042 GUY GEOL  
Contact: The Commissioner  
Coverage: National data  
Territory: Territory of Guyana (South America)  
Updates: From time to time  
Computers: Micro Computers: IBM, COMPAQ  
Software: dBASE III+ & in-house software  
Output: Compilation  
Language: English  
Availability: Restricted

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***Hungary***

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Reference: HUNG 1 Entry Number: 236

Database: Boreholes Cadastre - Regional Inventory  
Data Type: Bibliographic  
Acronym: ROKA  
Data Subject: Fuels, Energy resources  
Subjects: Concise borehole descriptions of natural resources exploration  
Keywords: Boreholes, stratigraphy, mineral resources, fuel resources, exploration, Hungary  
Organization: Magyar Allami Foeldtani Intezet

# Hungary (Continued)

Center Name: Hungarian Geological Survey  
 Center Type: Geological Survey  
 Address: Stefania Ut. 14, H-1143, Budapest, Hungary  
 Telephone: 36-1-835-115 Fax: 36-1-251-0703  
 Contact: E. Erdelyi, L. Okovacs  
 Coverage: National  
 Territory: Hungary  
 Volume: 40,000 records with 260 characters per record  
 Updates: Continuously  
 Computers: IBM-PC  
 Software: dBASE, Clipper 87  
 Output: Interactive, compilations  
 Language: Hungarian  
 Availability: Restricted, free

Reference: HUNG 2 Entry Number: 240

Database: CCT of Landsat and Spot Imagery  
 Data Type: Numeric  
 Acronym: CCT  
 Data Subject: Remote sensing  
 Subjects: Digital data of space images of Landsat 1-5 and SPOT-1 satellites for Hungary. The Database contains Landsat MSS, TM and SPOT XS and P images  
 Keywords: Landsat, SPOT, remote sensing, geodynamics, Hungary  
 Organization: Foeldmeresi es Taverzekelesi Intezet  
 Center Name: Institute of Geodesy, Cartography, Remote Sensing  
 Center Type: Regional institute  
 Address: P. O. Box 546, H-1373, Budapest, Hungary  
 Telephone: 36-1-163-6670  
 Contact: E. Csato  
 Coverage: National  
 Territory: Hungary  
 Time Period: Begin: 1972 End: Present  
 Volume: 100 CCT  
 Updates: Irregular  
 Computers: Microvax 2 Sun Workstations  
 Software: ARC INFO  
 Output: Online, batch, compilations, periodical  
 Language: English  
 Availability: Open, fees

Reference: HUNG 3 Entry Number: 238

Database: Database of Boreholes  
 Data Type: Bibliographic Numeric  
 Acronym: SZUV



# Hungary (Continued)

Data Subject: Regional geology, mapping geology, Stratigraphy  
 Subjects: Reduced borehole descriptions, stratigraphy sections, drilling documentation  
 Keywords: Boreholes, stratigraphy, mineral exploration, Hungary  
 Organization: Magyar Allami Foeldtani Intezet  
 Center Name: Hungarian Geological Survey  
 Center Type: Geological Survey  
 Address: Nepstadion Ut. 14, H-1143, Budapest, Hungary  
 Telephone: 836-912  
 Contact: L. Somos  
 Coverage: National  
 Territory: Hungary  
 Time Period: Begin: 1900 End: Present  
 Volume: 30,000 with 120 characters per record  
 Updates: Annually  
 Computers: R-15  
 Software: Cobol, written in house  
 Output: Compilations, periodical  
 Language: Hungarian  
 Availability: Open, fees

Reference: HUNG 10

Database: Database of Oil Resource Company  
 Data Type: Numeric  
 Acronym: HUGENESS  
 Data Subject: Regional geology, mapping geology, engineering geology  
 Subjects: Tree structure  
 Keywords: Basic data, drilling, eages, cover, geochemical, geophysical, deviation, mind, casing, cement, analysis, well test, pool data, Hungary  
 Organization: Koolajkutato Vallalat  
 Center Name: Oil Resource Company  
 Center Type: Exploration/mining  
 Address: Koros Ut. 43, 5001, Szolnok, Hungary  
 Telephone: 36-56-34033/1440  
 Contact: G. Molnar  
 Coverage: Local, regional  
 Territory: West Hungary  
 Time Period: Begin: 1960 End: Present  
 Volume: 253,000 records (approx. 100 char per record)  
 Updates: Weekly  
 Computers: IBM-PC, Concurent Corporation 3210  
 Software: Programs written in house  
 Output: Online, batch, compilations, periodical  
 Language: English, Hungarian  
 Availability: Open, fees, network

## Hungary (Continued)

Reference: HUNG 4 Entry Number: 237

Database: Geological Information System  
 Data Type: Bibliographic Numeric  
 Acronym: FIRE  
 Data Subject: Regional geology, Mapping geology  
 Subjects: Detailed borehole descriptions  
 Keywords: Boreholes, stratigraphy, paleontology, areal geology, Hungary  
 Organization: Magyar Allami Foeldtani Intezet  
 Center Name: Hungarian Geological Survey  
 Center Type: Geological Survey  
 Address: Nepstadion Ut. 14, H-1143, Budapest, Hungary  
 Telephone: 836-912  
 Contact: L. Somos  
 Coverage: National  
 Territory: Hungary  
 Time Period: Begin: 1960 End: Present  
 Volume: 130,000 records (80 characters per record)  
 Updates: Monthly  
 Computers: Videoton VT 20/IV  
 Software: Cobol, written in house  
 Output: Interactive, compilations, periodical  
 Language: Hungarian  
 Availability: Open, free, fees (partly)

Reference: HUNG 9

Database: Hungarian Geological Publications  
 Data Type: Bibliographic  
 Acronym: HUNGEO PUB  
 Data Subject: General Geosciences  
 Subjects: Reports, articles, lecture notes, books published in Hungary  
 Keywords: Geological publications, Hungary  
 Organization: Magyar Allami Foldtani Intezet  
 Center Name: Hungarian Geological Survey  
 Center Type: Geological survey  
 Address: Stefania Ut 14, H-1143, Budapest, Hungary  
 Telephone: 36-1-251-6769 Fax: 36-1-251-0703  
 Contact: E. Erdelyi  
 Coverage: National  
 Territory: Hungary  
 Time Period: Begin: 1961 End: 1980  
 Volume: 11,000 records (approx. 300 char per record)  
 Updates: Irregularly  
 Computers: IBM PC/AT  
 Output: Online, compilations  
 Language: English, Hungarian  
 Availability: Open, fees

Hungary (Continued)

Reference: HUNG 5 Entry Number: 239

Database: Inventory of Wells and Springs  
 Data Type: Numeric  
 Acronym: INWESP  
 Data Subject: Hydrogeology  
 Subjects: Hydrogeology  
 Keywords: Hydrogeology, hydrochemistry, ground water, Hungary  
 Organization: Magyar Allami Foeldtani Intezet  
 Center Name: Hungarian Geological Survey  
 Center Type: Geological Survey  
 Address: Nepstadion Ut. 14, H-1143, Budapest, Hungary  
 Telephone: 835-115  
 Contact: G. Toth  
 Coverage: National  
 Territory: Hungary  
 Time Period: Begin: 1825 End: Present  
 Volume: 50,000 records (approx. 150 char per record)  
 Updates: Monthly  
 Computers: IBM PC/AT  
 Software: dBASE III  
 Output: Online, compilations  
 Language: Hungarian  
 Availability: Restricted, free, fees

Reference: HUNG 6 Entry Number: 232

Database: Mineralogy Database of Hungary  
 Data Type: Bibliographic  
 Acronym: HUNGAMIN  
 Data Subject: Mineralogy  
 Subjects: Minerals ever described from any Hungarian locality  
 Keywords: Mineral localities, minerals, Hungary  
 Organization: Elte TTK, Asvanytani TSZ  
 Center Name: Department of Mineralogy, Eotvos Lorand University  
 Center Type: University, special schools  
 Address: Museum Korut 4/A, H-1088, Budapest, Hungary  
 Telephone: 189-833/345  
 Contact: T. Weiszbarg, G. Lovas  
 Coverage: National  
 Territory: Hungary  
 Time Period: Begin: 1800 End: Present  
 Volume: 5,000 records  
 Updates: Irregularly  
 Computers: IBM PC/AT  
 Software: Foxbase+  
 Language: Hungarian  
 Availability: Restricted, fees

## Hungary (Continued)

Reference: HUNG 7 Entry Number: 234

Database: National Inventory of Mineral Resources  
 Data Type: Numeric  
 Acronym: MERLEG  
 Data Subject: Metallic mineral resources  
 Subjects: National inventory of mineral resources  
 Keywords: Mineral resources, ore deposits, Hungary  
 Organization: Magyar Allami Foeldtani Intezet  
 Center Name: Hungarian Geological Survey  
 Center Type: Geological Survey  
 Address: Stefania Ut. 14, H-1143, Budapest, Hungary  
 Telephone: 36-1/836-912 Fax: 36-1/251-0703  
 Contact: L. Somos  
 Coverage: National  
 Territory: Hungary  
 Time Period: Begin: 1973 End: Present  
 Volume: 15,000 records with 600 characters per record  
 Updates: Annually  
 Computers: VAX, IBM-PC  
 Software: Oracle, Foxbase, Clipper 87  
 Output: Compilations  
 Language: Hungarian  
 Availability: Restricted, fees

Reference: HUNG 8 Entry Number: 233

Database: Structures  
 Data Type: Bibliographic  
 Data Subject: Fuels, Energy resources  
 Subjects: Geological structures identified from seismic data  
 Keywords: Seismic surveys, structural traps, tectonics, oil and gas fields, Hungary  
 Organization: Geofizikai Kutato Vallalat  
 Center Name: Geophysical Exploration Company  
 Center Type: Exploration, mining  
 Address: Nepkoeztarsasag U. 59, H-1032, Budapest, Hungary  
 Telephone: 36-1-421-199  
 Contact: E. Simon  
 Coverage: National  
 Territory: Hungary  
 Time Period: Begin: 1984 End: Present  
 Volume: 600 records with 100 characters per record  
 Updates: Monthly  
 Computers: Commodore 64  
 Output: Interactive  
 Language: Hungarian  
 Availability: Open

## **India**

Reference: INDI 1                      Entry Number: 241

Database: Geological Oceanographic Database  
Data Type: Numeric  
Acronym: GOD BASE  
Data Subject: Marine Geology  
Subjects: Geological information including sedimentology, paleontology, mineralogy, geochronology, geochemistry and geophysics  
Keywords: Sediments, marine geology, marine sedimentation, changes of level, sampling, Indian Ocean, India  
Organization: INODC, Nat. Inst. of Oceanography  
Center Name: Indian National Oceanographic Data Centre-INODC  
Center Type: Regional institute  
Address: Dona-Paula, 403 004 Goa, India  
Telephone: 6253-56  
Contact: Kunte, P.D.  
Coverage: National  
Territory: Indian Ocean  
Time Period: Begin: 1960    End: Present  
Volume: 3,500 records (80 char per record)  
Updates: Monthly  
Computers: Norsk Data ND-520  
Software: Roscop  
Output: Online, batch, compilations, periodical  
Language: English  
Availability: Restricted, fees

Reference: INDI 2                      Entry Number: 242

Database: Geophysical Database  
Data Type: Numeric  
Data Subject: Geophysics Hydrogeology  
Keywords: Geophysical surveys, magnetic field, data processing, seismology, volcanology, hydrology, India  
Organization: National Geophysical Research Institute - NGRI  
Center Name: National Geophysical Research Institute - NGRI  
Center Type: Regional institute  
Address: Uppal Road, Hyderabad, 500007, India  
Telephone: 71831 Telex 015478  
Coverage: National  
Territory: India and adjacent regions  
Output: Batch, compilations, periodical  
Language: English  
Availability: Open, fees

## **International**

Reference: INTL 1

Database: Asian Geotechnical Engineering Database  
Data Type: Bibliographic  
Acronym: AAGE  
Data Subject: Engineering Geology, Hydrogeology, Geomorphology-Quatern  
Subjects: Soil Mechanics, rock mechanics, foundation engineering, engineering geology and earthquake engineering  
Keywords: Geotechnical, soil mechanics, site investigation, rock mechanics, International  
Organization: Asian Geotechnical Engineering Information Center  
Center Name: Asian Geotechnical Engineering Information Center  
Center Type: Information center  
Address: Asian Geotechnical Engineering Information Center, Asian Institute fo Technology, C.P.O. Box 2754, Bangkok, 10501 Thailand  
Telephone: 66-2-524-5867 Fax:66-2-524-5870 Tex:8427TH  
Contact: Vespry, H.A.  
Coverage: Regional  
Territory: Asian region  
Time Period: Begin: 1973 End: Present  
Volume: 49,000 1,000 characters per record, 4,000 records per year  
Computers: IBM Mainframe 3083  
Software: Micro ISIS/CDS  
Output: Interactive, batch, microforms, data compilations, bulletins  
Language: English  
Availability: Open, fees

Reference: INTL 2                      Entry Number: 246

Database: Bibliographic Information System  
Data Type: Bibliographic  
Data Subject: General Geosciences  
Subjects: The database contains information on publications cataloge in OLADE's document center, in relation to the energy sector Under development  
Keywords: Energy sources, Latin America, International  
Organization: Latin American Energy Organization (OLADE)  
Center Type: International organization  
Address: PO Box 6413 C.C.I., Quito, Ecuador  
Telephone: 539-676 Telex 2-2728 OLADE E  
Contact: Mr. Gabriel Sanchez-Sierra, Exec. Secretary  
Coverage: Regional data  
Territory: Latin America  
Time Period: Begin: 1975 End: Present  
Volume: 7,000 records  
Updates: Daily  
Computers: IBM PC/AT microcomputer  
Software: Cds-Microisis (From UNESCO)  
Output: Interactive, batch, compilation, reports, bulletins

# International (Continued)

Language: Spanish  
Availability: Open

Reference: INTL 3                      Entry Number: 244

Database: CATIE  
Data Type: Numeric  
Subjects: Landsat & SPOT data CATIE has recently acquired, plus well data (location, type, characteristics, water quality)  
Keywords: Agronomy, hydrogeology, wells, climate, forestry, Central America, Dominican Republic, Guatemala, El Salvador, Honduras, Nicaragua, Costa Rica, Panama, International  
Organization: Centro Agronomico Tropical Investigacion Y Ensenanza (CATIE)  
Center Name: Tropical Agricultural Research and Training Center  
Center Type: Regional institute  
Address: D. Cartago, E. Costa Rica  
Telephone: 506-56-64-31 \* Telex 8005 CATIE CR  
Contact: Dengo, M.B.  
Coverage: Guatemala, El Salvador, Honduras, Nicaragua, Costa Rica,  
Territory: Central America  
Volume: Under development  
Computers: I) Data General MV 7800 for Image Processing  
Software: I) Erdas Image and GIS Software  
                  II) Database  
Output: Interactive, batch, compilation  
Language: Spanish  
Availability: Restricted

Reference: INTL 4

Database: Coal Data Bank of the European Community  
Data Type: Bibliographic  
Acronym: COALDATA  
Data Subject: Fuels and Energy Resources  
Subjects: Literature data on coals, coal liquids and coal chemicals and mixtures of hydrocarbons produced in the liquefaction of coal  
Keywords: Coal, sediments, coal liquids, chemical analyses, ash content, thermodynamics, International  
Organization: DECHAMA Frankfurt  
Center Type: International organization  
Address: Michael Groves, Postfach 970146, D 6000 Frankfurt a,M, 97, Federal Republic of Germany  
Telephone: 069-756-4248  
Contact: Groves, Michael  
Coverage: International  
Territory: Western and central Europe  
Time Period: Begin: 1981  
Updates: Continuously  
Computers: IBM-PC

International (Continued)

Software: DEDARS  
Output: Interactive, batch, special reports  
Language: English and German  
Availability: Open, fees, network

Reference: INTL 5                      Entry Number: 243

Database: Core Sample Database; Sample Investigations & Published Works  
Data Type: Bibliographic  
Acronym: SAM;SID  
Data Subject: Marine Geology  
Subjects: A record of all samples removed from cores (SAM) linked to a database of investigations, names and addresses and their proposed research linked to all the resulting papers (SID)  
Keywords: Ocean Drilling Program, cores, marine geology, International  
Organization: Ocean Drilling Program  
Center Type: Governmental organization  
Address: 1000 Discovery Drive, College Station, Texas, USA  
Telephone: 409-845-4819 Telex 62760390 EZLIN  
Contact: Christine Mato  
Coverage: International data  
Time Period: Begin: 1968    End: Present  
Volume: SAM about 193,354 records w/approx 109 characters/record,  
Updates: Daily  
Computers: VAX 8350  
Software: System 1032 (Software House) commercially available  
Output: Interactive, batch, compilation  
Availability: Restricted

Reference: INTL 6                      Entry Number: 245

Database: Directory of Institutions Responsible for Geothermal Energy  
Data Type: Bibliographic  
Data Subject: Fuels, energy resources, regional geology  
Subjects: The database gathers information on institutions in charge of geothermal energy development in Latin America.    Under development.  
Keywords: Geothermal energy, Latin America, International  
Organization: Latin American Energy Organization (OLADE)  
Center Type: International organization  
Address: PO Box 6413 C.C.I., Quito, Ecuador  
Telephone: 539-676 Telex 2-2728 OLADE E  
Contact: Mr. Gabriel Sanchez-Sierra, Executive Secretary  
Coverage: Regional data  
Territory: Latin America  
Time Period: Begin: 1988    End: To Date  
Volume: 100 records  
Updates: Annually



International (Continued)

Computers: IBM PC/AT Microcomputer  
 Software: dBASE III Plus  
 Output: Interactive, batch, compilation  
 Language: Spanish-English  
 Availability: Open

Reference: INTL 7                      Entry Number: 247

Database: Europeo-Mediterranean Banque des donnees Seismologiques  
 Data Type: Numeric  
 Data Subject: Geophysics Marine Geology  
 Subjects: Rapid dissemination of information on location and magnitude of earthquakes, determination of epicenters, transmission of data to NEIS  
 Keywords: Earthquakes, epicenters, seismic risk, Mediterranean Sea, International  
 Organization: Centre Seismologique Europeo-Mediterranean  
 Center Name: European Mediterranean Seismological Center (CSEM)  
 Center Type: International organization  
 Address: 5 Rue Rene Descartes, 67084 Strasbourg Cedex, France  
 Telephone: 88-614820 Telex 890826 CSEM  
 Coverage: International, regional  
 Territory: Mediterranean Sea, France, Spain, Northern Africa, Italy  
 Time Period: Begin: 1976    End: Present  
 Updates: Continuously  
 Output: Online, batch, bulletins, periodical  
 Availability: Open, fees

Reference: INTL 8                      Entry Number: 249

Database: Geology for the Development of Africa + PANGIS  
 Data Type: Bibliographic  
 Acronym: PANGIS  
 Data Subject: General Geosciences  
 Subjects: PANGIS (Pan African Network for a Geological Information System) bibliography  
 Keywords: Regional geology, mineral resources, environmental geology, Africa, International  
 Organization: CIFEG - PANGIS  
 Center Name: International Center for Training and Exchange in Geoscience  
 Center Type: International organization  
 Address: Avenue de Concyr B.P. 6517, F-45065 ORLEANS cedex 2 (France)  
 Telephone: 33-38-64-36-57  
 Contact: Bidet, J.C.  
 Coverage: International  
 Territory: Africa including surrounding oceans  
 Time Period: Begin: 1984    End: Present  
 Volume: 1,200 records (800 char/per record)  
 Updates: Quarterly  
 Computers: IBM/PS2  
 Software: CDS-ISIS (Unesco software + Cifeg specific application)

International (Continued)

Output: Online, compilations, bulletin, periodicals  
 Language: French, English  
 Availability: Open, international network operating on a voluntary basis

Reference: INTL 9

Database: IMAGE  
 Data Type: Bibliographic  
 Acronym: IMAGE  
 Data Subject: Metallic mineral resources, Non-metallic min.resources  
 Subjects: International Minerals Industry Publication Abstracts includes economic geology, mining, and processing of metallic and industrial minerals  
 Keywords: Economic geology, mining, mineral processing, metals, industrial minerals, International  
 Organization: Institution of Mining and Metallurgy, London  
 Center Type: International organization  
 Address: Institution of Mining and Metallurgy, London, 44 Portland Place, London W1N 4BR, United Kingdom  
 Telephone: 071-580-3802 Fax: 071-436-5388 Tex: 261410  
 Contact: McGarr, M.  
 Coverage: International  
 Territory: World-wide  
 Time Period: Begin: 1979 End: Present  
 Volume: 55,000  
 Updates: Bi-monthly  
 Computers: VAX-online: in-house network on microcomputers PC  
 Software: BASIS on line (in-house: microCAIRS)  
 Output: interactive, batch, data compilations, bulletins, sp. reports  
 Language: English  
 Availability: Open, fees

Reference: INTL 10 Entry Number: 248

Database: International Environmental Information System  
 Data Type: Bibliographic  
 Acronym: INFOTERRA  
 Data Subject: Environmental Geology Remote Sensing  
 Subjects: 23 principal environmental subjects; environmental impact, law and protection activities  
 Keywords: Environment, protected zones, legislation, wildlife, natural resources, pollution, soil erosion, global, International  
 Organization: United Nations Environment Programme - UNEP; Infoterra  
 Center Name: Infoterra Programme Activity Center - PAC  
 Center Type: International organization  
 Address: Infoterra PAC, UNEP, P.O. Box 30552, Nairobi, Kenya  
 Telephone: 254-2-230800 Telex 22068 UNEPKE  
 Contact: Lee Woyen  
 Coverage: International  
 Territory: Global

International (Continued)

Time Period: Begin: 1977 End: Present  
 Volume: 6,500 records  
 Updates: Annually  
 Computers: IBM PC/AT  
 Software: Micro-Isis  
 Output: Batch, printed data compilations  
 Language: English, French Spanish  
 Availability: Open, free, network

Reference: INTL 13

Database: Mediterranean European Database for Earthquakes  
 Data Type: Numeric  
 Acronym: MEDEA  
 Data Subject: Geophysics, Marine Geology, Tectonics-Structure Geology  
 Subjects: Parametric database for earthquakes, epicentre location, time of occurrence, magnitude, phase readings. It includes European-Mediterranean region in the broad sense, including also major catalogs of worldwide seismicity  
 Keywords: Seismology, Europe, Mediterranean Sea, Epicentres, seismic risk, earthquakes, International  
 Organization: European Mediterranean Seismological Centre  
 Center Name: European Mediterranean Seismological Centre  
 Center Type: International organization  
 Address: 5, rue Rene Descartes, F-67084 Strasbourg Cedex  
 Telephone: 338-841-6381  
 Contact: Dr. A. Hofstetter  
 Coverage: International data  
 Time Period: Begin: 1900 End: Present  
 Updates: Monthly  
 Computers: IBM  
 Software: Sir (to be changed)  
 Output: Interactive, compilations  
 Language: English, French, German, Italian, Portuguese, Spanish  
 Availability: Open

Reference: INTL 11

Database: RERIC Database  
 Data Type: Bibliographic  
 Acronym: RERC  
 Data Subject: Fuels, energy resources  
 Subjects: Energy conservation, energy planning, solar energy, wind energy, biomass energy, biogas, small-scale hydropower  
 Keywords: International  
 Organization: Regional Energy Resources Information Center  
 Center Name: Regional Energy Resources Information Center  
 Center Type: Information center or library

International (Continued)

Address: RERIC, G.P.O. Box 2754, Bangkok, 10501, Thailand  
Telephone: 66-2-5245866 Fax:66-2-5245866, 66-2-5262126  
Contact: Suraniranat, Ms  
Coverage: Regional  
Territory: ASIS  
Time Period: Begin: 1978  
Volume: 7,300  
Updates: Daily  
Computers: IBM 3083  
Software: CDS, ISIS  
Output: Interactive, batch, data compilations, bulletins  
Language: English  
Availability: Open, fees

Reference: INTL 12 Entry Number: 250

Database: Unified Seismic Observation System - Database  
Data Type: Numeric  
Data Subject: Geophysics  
Subjects: Collection and exchange of seismological data with WDC-A, the international  
seismological center, etc  
Keywords: Seismograms, earthquakes, seismic stations, International  
Organization: Solid Earth Group, World Data Center B2  
Center Name: World Data Center B2  
Center Type: International organization  
Address: Molodezhnaya 3, 117296 Moscow GSP-1 USSR  
Contact: Fevrileva, L G  
Coverage: International  
Territory: Global  
Time Period: Begin: 1970 End: Present  
Updates: Continuously  
Output: Online, batch, bulletins, microforms  
Language: English, Russian  
Availability: Open, fees

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***Italy***

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Reference: ITAL 1 Entry Number: 256

Database: Geothermal Database  
Data Type: Numeric

# Italy (Continued)

**Acronym:** BDGEOT-MIND  
**Data Subject:** Fuels Energy Resources  
**Subjects:** Geological, physical and chemical data of wells, springs and other natural manifestations of interest for the exploration of geothermal energy  
**Keywords:** Geothermal energy, hot springs, steam, Italy  
**Organization:** Inst. Intl. Ricerche Geotermiche-CNR  
**Center Name:** International Institute for Geothermal Research  
**Center Type:** Regional institute  
**Address:** Piazza Solferino 2, 56100, Pisa, Italy  
**Telephone:** 50-46069  
**Contact:** Saracco, L.  
**Coverage:** National  
**Territory:** Italy  
**Time Period:** Begin: 1950 End: Present  
**Volume:** 2,000 records (approx. 1,500 char per record)  
**Updates:** Annually  
**Computers:** IBM 3081  
**Software:** SQL/DS On V.M.  
**Output:** Online, batch, compilations  
**Language:** Italian, English  
**Availability:** Open, free, network

**Reference:** ITAL 2                      **Entry Number:** 251

**Database:** Gravimetric Data  
**Data Type:** Numeric  
**Acronym:** GRAVI  
**Data Subject:** Geophysics  
**Subjects:** Management of gravimetric data  
**Keywords:** Gravity surveys, gravity anomalies, Italy  
**Organization:** Servizio Geologico  
**Center Name:** Geological Survey  
**Center Type:** Governmental organization  
**Address:** Largo S. Susanna 13, 00187, Rome, Italy  
**Telephone:** 06-4740909  
**Contact:** R. Ventura, C. Cesi  
**Coverage:** National  
**Territory:** Italy  
**Time Period:** Begin: 1950 End: Present  
**Volume:** 230,000 records (approx. 80 char per record)  
**Updates:** Irregularly  
**Computers:** DIGITAL VAX 8250  
**Software:** Special  
**Output:** Batch, compilations, periodical  
**Language:** Italian  
**Availability:** Restricted

## Italy (Continued)

Reference: ITAL 3 Entry Number: 254

Database: Ingeit  
 Data Type: Numeric  
 Acronym: INGEIT  
 Data Subject: Cartography  
 Subjects: Management of all information gained by geology  
 Keywords: Groundwater, lithostratigraphy, Italy  
 Organization: Servizio Geologico  
 Center Name: Geological Service  
 Center Type: Governmental organization  
 Address: Largo S. Susanna 13, 00187, Rome, Italy  
 Telephone: 064-740-909  
 Contact: A. Spaziani, P. Cara  
 Coverage: National  
 Territory: Italy  
 Time Period: Begin: 1950 End: Present  
 Volume: 50,000 records (approx. 256 char per record)  
 Updates: Irregularly  
 Computers: Digital Microvax 3400  
 Software: DEC RDB and ESRI Arc Info  
 Output: Online, batch, compilations, periodical  
 Language: Italian  
 Availability: Restricted, free

Reference: ITAL 4 Entry Number: 252

Database: Seismic Data  
 Data Type: Numeric  
 Acronym: SISMI  
 Data Subject: Geophysics  
 Subjects: Management of historical seismic data  
 Keywords: Seismicity, earthquakes, maps, history, Italy  
 Organization: Servizio Geologico  
 Center Name: Geological Survey  
 Center Type: Governmental organization  
 Address: Largo S. Susanna 13, 00187, Rome, Italy  
 Telephone: 06-470909  
 Contact: F. Visicchio  
 Coverage: National  
 Territory: Italy  
 Volume: 74,000 records (approx. 130 char per record)  
 Updates: Irregularly  
 Computers: Digital Microvax 3400  
 Software: Special  
 Output: Batch, compilations, periodical  
 Language: Italian  
 Availability: Restricted, free

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## ***Jamica***

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**Reference:** JAMA 1                      Entry Number: 257

**Database:** Jamaican Metallic Mineral Information System  
**Data Type:** Bibliographic  
**Acronym:** JAMMINS  
**Data Subject:** Metallic Mineral Resources Geophysics, Geochemistry, Isotopes  
**Subjects:** Provides a catalog of all available information on metallic mineral exploration in the country, together with related geology, geophysics and geochemistry. This Database is not yet fully developed but should be so by the end of 1988  
**Keywords:** Metal ores, exploration, geophysical surveys, Jamaica  
**Organization:** Geological Survey Division of the Ministry of Mining, Energy and Tourism  
**Center Name:** Division of the Ministry of Geology, Mining and Tourism  
**Center Type:** Geological Survey  
**Address:** PO Box 141, Hope Gardens, Kingston 6, Jamaica, WI  
**Telephone:** 92-71036-40  
**Contact:** Juliet Banhan  
**Coverage:** Local data  
**Territory:** Jamaica  
**Time Period:** Begin: 1950's End: Present  
**Volume:** 1,500 records with approx. 250 characters per record  
**Updates:** Monthly  
**Computers:** IBM PC/XT  
**Software:** Cos/Isis (Unesco)  
**Output:** Interactive, batch, compilation  
**Language:** English  
**Availability:** Open, free

**Reference:** JAMA 2

**Database:** Metallic Mineral Occurrences  
**Data Type:** Bibliographic  
**Acronym:** JAM MRI  
**Data Subject:** Metallic mineral resources, Regional-Mapping geology, Minerals  
**Subjects:** List of assessment files and maps, prospecting licences granted for metallic mineral commodities, location of active and inactive prospecting licences  
**Keywords:** Prospecting licence, Jamaica  
**Organization:** Geological Survey Division  
**Center Name:** Geological Survey Division  
**Center Type:** Geological Survey  
**Address:** P.O. Box 141, Hope Gardens, Kingston 6, Jamaica, W.I.  
**Telephone:** 809-927-1936 Fax: 809-927-0350  
**Contact:** Margeret Aratram  
**Coverage:** National  
**Territory:** Island-wide  
**Time Period:** Begin: 1920 End: 1993

Jamica (Continued)

Volume: 771 Records with Appox. 1500 Characters  
Updates: As needed  
Output: Interactive, compilation

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**Japan**

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Reference: JAPA 2

Database: Geological Map of Japan, 1=1,000,000  
Data Type: Numeric  
Acronym: GEO92  
Data Subject: Regional geology, mapping geology  
Subjects: Nodes, polygons, lines, geological code, fault code  
Keywords: Geology, Japab, 1=1,000,000, map, CD-ROM, Japan  
Organization: Geological Survey of Japan  
Center Name: Geological Survey of Japan  
Center Type: Geological survey  
Address: Geological Survey of Japan, 1-1-3 Higashi, Tsukuba, Ibaraki, 305 Japan  
Telephone: 0298-54-3643  
Contact: Yasuaki Murata  
Coverage: National data  
Territory: Japan  
Time Period: Begin: 1992 End: 1992  
Volume: 14,000 polygons  
Updates: One time  
Computers: Sun SPARC-Station, PC-9801  
Software: ARC/INFO  
Output: Online search  
Language: Fortran, C  
Availability: Open

Reference: JAPA 1

Database: Mineralogical Inorganic Database  
Data Type: Numeric  
Data Subject: Mineralogy, Geochemistry, Isotopes  
Subjects: Names, chemical formulas, localities, crystal data, chemical compositions, meteorites, moon, experimental values, references  
Keywords: Mineral composition, property, inorganic, mineralogy, crystal structure, Japan  
Organization: Kobutsu-database-group  
Center Name: Mineralogical Institute, The University of Tokyo  
Center Type: Research institute  
Address: Mineralogical Institute, Faculty of Science, The University of Tokyo, Hongo 7-3-1, Bunkyo-ku, Tokyo 113, Japan



### Japan (Continued)

Telephone: 81-3-812-2111 ext4543  
Contact: Takeda, Hiroshi  
Coverage: International  
Territory: Japan, world-wide  
Time Period: Begin: 1962  
Volume: 5 megabytes on magnetic disk  
Updates: Continuously  
Output: Interactive, batch, bulletins  
Language: Japanese, interaction in English  
Availability: Open, restricted, network, fees

Reference: JAPA 3

Database: Roch Physical Properties Database of Japan  
Data Type: Numeric  
Acronym: PROCK  
Data Subject: Petrology, igneous-metamorphic, geophysics  
Subjects: Names, localities, property values  
Keywords: Rock physical property, density, porosity, thermal conductivity, magnetism, P-wave velocity, Japan  
Organization: Geological Survey of Japan  
Center Name: Geological Survey of Japan  
Center Type: Geological survey  
Address: Geological Survey of Japan, 1-1-3 Higashi, Tsukuba, Ibaraki, 305 Japan  
Telephone: 0298-54-3643  
Contact: Yasuaki Murata  
Coverage: National data  
Territory: Japan  
Time Period: Begin: 1985 End: 1987  
Volume: 7,742 samples  
Updates: One time  
Computers: FACOM M-780  
Software: FAIRS  
Output: Online search  
Language: Fortran, C, AWK  
Availability: Open

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### ***Jordan***

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Reference: JORD 1                      Entry Number: 258

Database: Natural Resources Inventory of Jordan  
Data Type: Numeric Bibliographic  
Data Subject: General Geosciences  
Subjects: Hydrocarbons, tar sands, bituminous rocks, groundwater, soils, metallic ores, uranium/thorium, geophysics

Jordan (Continued)

Keywords: Natural resources, areal geology, Jordan  
Organization: Natural Resources Authority of Jordan  
Center Name: Natural Resources Authority of Jordan  
Center Type: Governmental organization  
Address: PO Box 7, Amman, Jordan  
Telephone: 962-6-811300  
Contact: Jreisat, K.  
Coverage: National  
Territory: Jordan  
Volume: 15,000 records on 500 localities  
Updates: Continuously  
Computers: DEC VAX 11/750, IBM PC/AT  
Software: Grasp (USGS)  
Output: Online, batch, compilations  
Language: English  
Availability: Restricted, fees

**Martinique**

Reference: MART 1                      Entry Number: 259

Database: Water, Energy Resources, Materials and Geothermal Database  
Data Type: Numeric  
Acronym: GEOBANQUE  
Data Subject: Fuels Energy Resources Hydrogeology  
Keywords: Energy sources, water resources, geothermal energy, hydrochemistry, mineral resources, Martinique  
Organization: Bureau de Recherches Geologiques et Minieres - B.R.G.M.  
Center Name: Office of Geological and Mining Research  
Center Type: Regional institute  
Address: Avenue de Concy, B.P. 6009, 45060 Orleans, Cedex, France  
Telephone: 38-643434 Telex 780258 BRGM  
Contact: Lepretre, J. P.  
Coverage: Regional  
Territory: Martinique and adjacent regions  
Time Period: Begin: 1980    End: Present  
Updates: Annually  
Output: Online, batch, bulletins, periodical  
Language: French  
Availability: Restricted, fees

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## **Mexico**

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Reference: MEXI 2                      Entry Number: 263

Data Type: Bibliographic  
Acronym: ONIONS  
Data Subject: General Geosciences, Regional and Mapping Geology, Minerals  
Subjects: The coverage of this Database includes all the references related to studies made in Mexico  
Keywords: Areal geology, Mexico  
Organization: Universidad Nacional, Autonoma de Mexico  
Center Name: Institute of Geology  
Center Type: Regional institute  
Address: Postal 70-296, Delegacion Coyoacan, D.F., 04510, Mexico  
Telephone: 5-48-06-68 Telex 017-60155 CICM  
Contact: Luis Miguel Mitre Salazar  
Coverage: National data  
Territory: Mexico  
Volume: 15,000 records  
Updates: Not Regular  
Computers: Burroughs  
Software: Written In House  
Output: Interactive  
Language: Spanish  
Availability: Restricted

Reference: MEXI 3                      Entry Number: 265

Database: Banco Nacional De Datos y Servicios Geograficos  
Data Type: Numeric  
Acronym: BNDSG  
Data Subject: General Geosciences, Remote Sensing, Geomorphology  
Subjects: Digital information on geography. Chemical analysis, complimenting each other, which may be used by programs of simple computation  
Keywords: Soils, geography, topography, economics, Mexico  
Organization: Direccion General de Geografia  
Center Name: General Direction Of Geography  
Center Type: Governmental organization  
Address: San Marcos 20020, Aguascalientes, Mexico  
Telephone: 491-82914  
Contact: Biol. Armando Bayona Celis  
Coverage: National data  
Territory: Mexico  
Time Period: Begin: 1987    End: 1992  
Volume: 80,000 records  
Updates: Monthly  
Computers: IBM-PC , Compatibles  
Software: Sql Relational Databases  
Output: Interactive

# Mexico (Continued)

Availability: Open

Reference: MEXI 4 Entry Number: 264

Database: CECMYT  
 Data Type: Bibliographic  
 Acronym: CECMYT  
 Data Subject: Engineering Geology, Non-Metallic & Metallic Mineral Resources  
 Subjects: Mining geomechanics, and mineral economics  
 Keywords: Mines, design, rock mechanics, waste disposal, utilization, water-rock interface, diagenesis, mineral resources, Mexico  
 Organization: Universidad Autonoma de Zacatecas  
 Center Name: The Autonomous University of Zacatecas  
 Center Type: University, special schools  
 Address: 98000, Zacatecas, Zacatecas, Mexico  
 Telephone: 492-226-03 Telex 120662  
 Contact: V. M. Navarro  
 Coverage: International data  
 Time Period: Begin: 1970 End: Present  
 Volume: 3,000 records with approx. 300 characters/record  
 Updates: Quarterly  
 Computers: APPLE IIE, IBM-PC  
 Software: dBASE III Plus, QL Librarian  
 Output: Interactive  
 Language: English  
 Availability: Restricted

Reference: MEXI 5 Entry Number: 262

Database: Geology of Dam Sites, Secretariat of Agriculture and Hydraulic  
 Data Type: Bibliographic  
 Acronym: GPSARH  
 Data Subject: Engineering, Regional, Structural & Mapping Geology, Tectonics  
 Subjects: Geologic studies for dam construction  
 Keywords: Areal geology, dams, Mexico  
 Organization: Secretaria de Agricultura y Recursos Hidraulicos, Subsecretaria de Infraestructura Hidraulica, Direccion General de Irrigacion y Drenaje, Direccion de Estudios y Normas Te  
 Center Name: Subdirectorate of Geology  
 Center Type: Governmental organization  
 Address: Mexico, D.F., D.P. 06700, Mexico  
 Telephone: 574-25-50  
 Contact: Ing. Carlos Garcia Herrera  
 Coverage: National data  
 Territory: Mexico  
 Computers: NCR MOD. 3285-12  
 Software: dBase III Plus

**Mexico (Continued)**

Output: Batch, microforms, compilation  
Availability: Restricted

Reference: MEXI 6                      Entry Number: 260

Database: National Data Bank and Geographic Services  
Data Type: Numeric  
Acronym: BNDSG  
Data Subject: General Geosciences, Remote Sensing, Geomorphology Quaternary  
Subjects: Design of Databases containing geographic and related subjects maintained in data banks for PC retrieval  
Keywords: Areal geology, land use, topography, remote sensing, socioeconomics, Mexico  
Organization: Direccion General de Geografia  
Center Name: General Directorate of Geography  
Center Type: Governmental organization  
Address: Esq. Manuel M. Ponce, San Marcos 20020, Aguascalientes, Mexico  
Telephone: 491-82914  
Contact: Biol. Armando Bayona Celis  
Coverage: National data  
Territory: Mexico  
Time Period: Begin: 1987    End: 1992  
Volume: 80,000 records  
Updates: Monthly  
Computers: IBM-PC, Compatibles  
Software: SQL Relational Database  
Output: Interactive  
Language: Spanish  
Availability: Open

**Netherlands**

Reference: NETH 1                      Entry Number: 268

Database: Bibliography  
Data Type: Bibliographic  
Acronym: GEOLIB  
Data Subject: General Geosciences  
Subjects: Publications on Dutch earth sciences and on general geological topics  
Keywords: Geology, Netherlands  
Organization: Netherlands Geological Survey  
Center Name: Netherlands Geological Survey  
Center Type: Geological Survey  
Address: PO Box 157, 2000 AD, Haarlem, Netherlands

# Netherlands (Continued)

Telephone: 023-319362  
Contact: Apon, L.C.  
Coverage: National  
Territory: Netherlands  
Time Period: Begin: 1985 End: Present  
Volume: 5,000 records  
Updates: Daily  
Computers: DEC VAX  
Software: Special  
Output: Online, compilations, bulletin  
Language: Dutch, English  
Availability: Open

Reference: NETH 2 Entry Number: 267

Database: Well Description  
Data Type: Numeric Bibliographic  
Acronym: BORDATA  
Data Subject: Regional Geology-Mapping Geology  
Subjects: All well descriptions of wells deeper than 10 M and most recent wells collected by the NGS  
Keywords: Well logs, boreholes, stratigraphy, Netherlands  
Organization: Netherlands Geological Survey  
Center Name: Netherlands Geological Survey  
Center Type: Geological Survey  
Address: PO Box 157, 2000 AD, Haarlem, Netherlands  
Telephone: 023-319362  
Contact: J. V. Kuilenburg  
Coverage: National  
Territory: Netherlands  
Volume: 60,000 records - 300 megabytes  
Updates: Daily  
Computers: DEC VAX  
Software: Special  
Output: Online  
Language: Dutch  
Availability: Restricted, fees

Reference: NETH 3 Entry Number: 266

Database: Well Logs Database  
Data Type:  
Data Subject: Hydrogeology  
Subjects: Subsurface of the Netherlands onshore and offshore territory  
Keywords: Hydrogeology, water resources, wells, ground water, Netherlands  
Organization: Netherlands Geological Survey

**Netherland (Continued)**

Center Name: Netherlands Geological Survey  
Center Type: Geological Survey  
Address: PO Box 157, 2000 AD, Haarlem, Netherlands  
Telephone: 023-319362  
Contact: J. V. Kuilenburg  
Coverage: National  
Territory: Netherlands  
Volume: 60,000 wells  
Updates: Daily  
Output: Online, batch, compilations  
Language: Dutch  
Availability: Restricted, fees

**New Caledonia**

Reference: NEWC 1                      Entry Number: 269

Database: Orstom Marine Geological and Geophysical Data Bank  
Data Type: Numeric  
Acronym: GEOMER  
Data Subject: Geophysics, Marine Geology  
Keywords: Marine sedimentation, bathymetry, magnetic surveys, marine geology, gravimetry,  
Pacific Ocean, New Caledonia  
Organization: ORSTOM, Department Geologie et Geophysique, Noumea  
Center Name: Orstom, Geology and Geophysics Department  
Center Type: Governmental organization  
Address: B.P. A5, Noumea, New Caledonia  
Telephone: 687-26100 Telex 3193 NM  
Contact: F. Missegue; J. Recy  
Coverage: International  
Territory: South-West Pacific Ocean and islands  
Time Period: Begin: 1974    End: Present  
Updates: Continuously  
Computers: Hewlett Packard/1000  
Software: Fortran (In House)  
Output: Online, batch, data compilations  
Language: English, French  
Availability: Open, fees

**New Zealand**

Reference: NEWZ 1                      Entry Number: 273

Database: Electrical Resistivity  
Data Type: Numeric  
Data Subject: Geophysics  
Subjects: Electrical resistivity measurements made using Schlumberger and Wenner arrays, with  
1,000 M and 500 M spacings  
Keywords: Resistivity, electrical surveys, Schlumberger arrays, New Zealand

New Zealand (Continued)

Organization: Resistivity, electrical surveys, Schlumberger arrays  
Center Name: Geophysics Div. Department of Scientific and Industrial Research  
Center Type: Governmental organization  
Address: PO Box 1320, Wellington, New Zealand  
Telephone: 04-738-208 Telex: NZ 32076  
Contact: H. M. Bibby  
Coverage: National data  
Time Period: Begin: 1965 End: Present  
Volume: 18,000 records of 100 characters/record  
Updates: 2 Months  
Computers: VAX-750  
Software: In House  
Output: Interactive, batch  
Language: English  
Availability: Restricted, fees, network

Reference: NEWZ 2 Entry Number: 271

Database: Geodetic Database  
Data Type: Numeric  
Data Subject: General Geosciences  
Subjects: Geodetic station descriptions, positions, deflections of vertical, heights and eventually observational data  
Keywords: Geodesy, topography, New Zealand  
Organization: Department of Survey and Land Information  
Center Type: Governmental organization  
Address: PO Box 170, Wellington, New Zealand  
Telephone: 04-710-380 Telex: 04-721-866  
Contact: J. Hannah  
Coverage: National data  
Time Period: Begin: 1910 End: Present  
Volume: 25,000 records with 300 characters/record  
Updates: Daily  
Computers: VAX 8350  
Software: RDB (Digital Equipment Corp)  
Output: Interactive, batch, compilation  
Language: Alpha - Numeric/English  
Availability: Open, fees

Reference: NEWZ 3 Entry Number: 270

Database: Land Gravity  
Data Type: Numeric  
Data Subject: Geophysics  
Subjects: Force of gravity; and free air, bouguer, and isostatic gravity anomalies  
Keywords: Gravity surveys, New Zealand  
Organization: eophysics Division, Department of Scientific and Industrial Research  
Center Type: Governmental organization  
Address: PO Box 1320, Wellington, New Zealand



New Zealand (Continued)

Telephone: 04-738-208 Telex: NZ 32076  
Contact: A. F. Carman  
Coverage: National data  
Territory: New Zealand Land Area  
Time Period: Begin: 1949 End: Present  
Volume: 35,000 records with 86 characters/record  
Updates: Semi-Annually  
Computers: VAX 750  
Software: In House  
Output: Interactive, batch  
Language: English  
Availability: Open, fees

Reference: NEWZ 4 Entry Number: 276

Database: Marine Geophysics  
Data Type: Numeric  
Data Subject: Geophysics  
Subjects: Digital gravity, magnetics and bathymetric data  
Keywords: Gravity surveys, magnetic surveys, bathymetry, Ross Sea, Southwest Pacific, New Zealand  
Organization: Geophysics Division, Department of Scientific and Industrial Research  
Center Type: Geological Survey  
Address: PO Box 1320, Wellington, New Zealand  
Telephone: 04-738-208 Telex: NZ 32076  
Contact: R. A. Wood  
Coverage: International data  
Territory: Southwest Pacific and Ross Sea  
Time Period: Begin: 1960 End: Present  
Volume: 1,000,000 records with 70 characters/record  
Updates: Semi-Annually  
Computers: VAX-750, Microvax II  
Software: In-House  
Output: Interactive, batch  
Language: English  
Availability: Open, fees

Reference: NEWZ 5 Entry Number: 277

Database: National Coal Database  
Data Type: Numeric  
Acronym: NCD  
Data Subject: Fuels and Energy Resources Geophysics Engineering  
Subjects: Mainly drill hole-based database with full lithological descriptions. In addition, coal exploration, geophysical logs (down hole) are stored on tape, also geotechnical data. Future development into an on-line bibliographic database, and inclusion of metallic minerals; possibly oil and gas  
Keywords: Coal, drilling, New Zealand

# New Zealand (Continued)

Organization: Ministry of Energy (NZ)  
Center Type: Governmental organization  
Address: PO Box 2337, Wellington, New Zealand  
Telephone: 04-733-805 Telex: ENMIN NZ 31 48  
Contact: J. F. Anckorn  
Coverage: National data  
Territory: New Zealand  
Time Period: Begin: 1942 End: Present  
Volume: excess of 2,000 drillholes and growing  
Updates: Daily  
Computers: VAX 750, Microvax  
Software: In-House-'Coalmap', Plus Commercial -- 'GEODAS'  
Output: Interactive, batch  
Language: English  
Availability: Restricted, free, fees, network

Reference: NEWZ 6 Entry Number: 272

Database: New Zealand Earthquake Catalogue  
Data Type: Numeric  
Data Subject: Geophysics  
Subjects: Earthquake locations  
Keywords: Earthquakes, epicenters, New Zealand  
Organization: Geophysics Division, Department of Scientific and Industrial Research  
Center Type: Governmental organization  
Address: PO Box 1320, Wellington, New Zealand  
Telephone: 64-4-738208 Telex: NZ 32076  
Contact: W. D. Smith  
Coverage: National data  
Territory: New Zealand  
Time Period: Begin: 1460 End: Present  
Volume: 27,000 records with 48 bytes per record)  
Updates: Semi-Annually  
Computers: Microvax II  
Software: In-House  
Output: Batch, reports, bulletins  
Language: English  
Availability: Open, fees

Reference: NEWZ 7 Entry Number: 275

Database: New Zealand Land Resource Inventory  
Data Type: Numeric  
Acronym: NZLRI  
Data Subject: Geomorphology-Quaternary Geology, Environmental Geology  
Subjects: Rock type, soil, slope, erosion type and degree, vegetation and long term use capability  
Keywords: Mapping, resources, inventory, erosion, New Zealand  
Organization: Soil Conservation Centre, Aokautere (DSIR)

### New Zealand (Continued)

Center Name: Soil Conservation Centre, Aokautere  
Center Type: Regional institute  
Address: PO Box 8041, Palmerston North, New Zealand  
Telephone: 063-67-154 Telex: PUBTX NZ 3960  
Contact: G. O. Eyles  
Coverage: National data  
Territory: New Zealand  
Time Period: Begin: 1973 End: Present  
Volume: 90 megabytes  
Updates: 10 Years  
Computers: Microvax II, IBM 3083  
Software: Arcinfo, Ladedata  
Output: Interactive, compilation, reports, bulletins  
Language: English  
Availability: Open, fees

Reference: NEWZ 8 Entry Number: 274

Database: Rock Properties Catalogue  
Data Type: Numeric  
Data Subject: Geophysics  
Subjects: Geophysical rock properties including density, magnetic susceptibility, remanent magnetization, electrical, sonic velocity  
Keywords: Rocks, properties, Antarctica, New Zealand  
Organization: Geophysics Division, Department of Scientific and Industrial Research  
Center Type: Governmental organization  
Address: PO Box 1320, Wellington, New Zealand  
Telephone: 738-208 Telex: NZ 32076  
Contact: T. C. Mumme  
Coverage: International data  
Territory: New Zealand, South Pacific Islands, Antarctica  
Time Period: Begin: 1950 End: Present  
Volume: 10,000 records with 150 characters per record  
Updates: Monthly  
Computers: VAX-750  
Software: In-House  
Output: Interactive, compilation, reports, bulletins  
Language: English  
Availability: Restricted, fees

### Nicaragua

Reference: NICA 1 Entry Number: 278

Database: Seismic First P and S Arrivals  
Data Type: Numeric  
Acronym: ORIGINAL  
Data Subject: Geophysics General Geosciences

Nicaragua (Continued)

Subjects: A. First seismic P arrivals and polarity  
B. Primary parameters seismic catalog (1975-1982)  
Keywords: Earthquakes, P-waves, S-waves, Nicaragua  
Organization: Observatorio Geofisico  
Center Name: Geophysical Observatory  
Center Type: Governmental organization  
Address: PO Box 1761, Managua, Nicaragua  
Telephone: 510-234-4739 Telex 1084 INETER M  
Contact: Segura, F.  
Coverage: Local data  
Territory: Western Pacific Nicaraguan Coast  
Time Period: Begin: 1975 End: Present  
Volume: 15,000 records, 240 characters per record  
Updates: Monthly  
Computers: SECOINSA 40-2  
Software: Hypo-C2, Pros\*  
Output: Compilation  
Availability: Open

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**Norway**

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Reference: NORW 7

Database: BOREBR  
Data Type: Numeric  
Data Subject: Hydrogeology  
Subjects: Groundwater wells in hard rock  
Keywords: Groundwater, Norway  
Organization: Geological Survey of Norway  
Center Name: Geological Survey of Norway  
Center Type: Governmental organization  
Address: P.O. Box 3006 Lade, N-7002 Trondheim, Norway  
Telephone: 477-90-4011  
Coverage: National  
Territory: Norway  
Updates: Continuously  
Output: Interactive  
Language: Norwegian  
Availability: Open

Reference: NORW 12

Database: DEPONI  
Data Type: Numeric  
Data Subject: General Geosciences, Waste Disposal  
Keywords: Waste disposal, Norway

# Norway (Continued)

Organization: Geological Survey of Norway  
Center Name: Geological Survey of Norway  
Center Type: Geological survey  
Address: P.O. Box 3006 Lade, N-7002 Trondheim, Norway  
Telephone: 477-90-4011  
Coverage: National  
Territory: Norway  
Updates: Continuously  
Output: Interactive  
Language: Norwegian  
Availability: Open

Reference: NORW 2                      Entry Number: 280

Database: Environmental Statistical Database  
Data Type: Numeric  
Data Subject: Environmental Geology Hydrogeology  
Subjects: Acquisition and statistical evaluation of environmental data on renewable energy resources, hydrology, water resources, contamination and quality of surface water  
Keywords: Environment, water resources, hydrochemistry, pollution, surface water, energy sources, Norway  
Organization: Statisk Sentralbyra  
Center Name: Norwegian Central Bureau of Statistics  
Center Type: Governmental organization  
Address: B.P. 8131, 0030 Oslo, Norway  
Telephone: 472-286-4500  
Contact: L. Lorentsen  
Coverage: National  
Territory: Norway and adjacent sea and lands  
Updates: Continuously  
Output: Batch, compilations  
Language: Norwegian  
Availability: Restricted (minor part)

Reference: NORW 9

Database: FORIBA  
Data Type: Numeric  
Data Subject: Geology  
Subjects: Ore deposits  
Keywords: Ore deposits, Norway  
Organization: Geological Survey of Norway  
Center Name: Geological Survey of Norway  
Center Type: Governmental organization  
Address: Geological Survey of Norway, P.O. Box 3006 Lade, N-7002 Trondheim, Norway  
Telephone: 477-90-4011  
Coverage: National  
Territory: Norway

## Norway (Continued)

**Updates:** Continuously  
**Output:** Interactive  
**Language:** Norwegian  
**Availability:** Open

**Reference:** NORW 8

**Database:** GRABA  
**Data Type:** Numeric  
**Data Subject:** Geophysics  
**Subjects:** Gravity point measurements  
**Keywords:** Gravity, Norway  
**Organization:** Geological Survey of Norway  
**Center Name:** Geological Survey of Norway  
**Center Type:** Government organization  
**Address:** Geological Survey of Norway, P.O. Box 3006 Lade, N-7002 Trondheim, Norway  
**Telephone:** 477-90-4011  
**Coverage:** National  
**Territory:** Norway  
**Updates:** Continuously  
**Output:** Interactive  
**Language:** Norwegian  
**Availability:** Open

**Reference:** NORW 3

**Database:** GRUSREGISTERET  
**Data Type:** Numeric  
**Data Subject:** Geology  
**Subjects:** Deposits of sand, gravel and aggregate rocks  
**Keywords:** Sand, gravel, aggregate rocks, Norway  
**Organization:** Geological Survey of Norway  
**Center Name:** Geological Survey of Norway  
**Center Type:** Governmental organization  
**Address:** Geological Survey of Norway, P.O. Box 3006 Lade, N-7002 Trondheim, Norway  
**Telephone:** 477-90-4011  
**Coverage:** National  
**Territory:** Norway  
**Updates:** Continuously  
**Output:** Interactive  
**Language:** Norwegian  
**Availability:** Open

## Norway (Continued)

Reference: NORW 10

Database: HELIDB  
Data Type: Numeric  
Data Subject: Geophysics  
Subjects: Aeromagnetic and electromagnetic measurements from helicopters and planes  
Keywords: Norway  
Organization: Geological Survey of Norway  
Center Name: Geological Survey of Norway  
Center Type: Governmental organization  
Address: Geological Survey of Norway, P.O. Box 3006 Lade, N-7002 Trondheim, Norway  
Telephone: 477-90-4011  
Coverage: National  
Territory: Norway  
Updates: Continuously  
Output: Interactive  
Language: Norwegian  
Availability: Open

Reference: NORW 16

Database: Industrimineralregistret  
Data Type: Numeric  
Data Subject: Geology  
Subjects: Industrial mineral deposits  
Keywords: Norway  
Organization: Geological Survey of Norway  
Center Name: Geological Survey of Norway  
Center Type: Geological survey  
Address: P.O. Box 3006 Lade, N-7002 Trondheim, Norway  
Telephone: 477-90-4011  
Coverage: National  
Territory: Norway  
Updates: Continuously  
Output: Interactive  
Language: Norwegian  
Availability: Open

Reference: NORW 14

Database: MALIN  
Data Type: Numeric  
Data Subject: Marine geology  
Subjects: Marine seismic profile and sample point data  
Keywords: Norway  
Organization: Geological Survey of Norway  
Center Name: Geological Survey of Norway  
Center Type: Geological survey  
Address: P.O. Box 3006 Lade, N-7002 Trondheim, Norway

## Norway (Continued)

Telephone: 477-90-4011  
Coverage: National  
Territory: Norway  
Updates: Continuously  
Output: Interactive  
Language: Norwegian  
Availability: Open

Reference: NORW 15

Database: Malmregistret  
Data Type: Numeric  
Data Subject: Geology  
Subjects: Ore deposits  
Keywords: Norway  
Organization: Geological Survey of Norway  
Center Name: Geological Survey of Norway  
Center Type: Geological survey  
Address: P.O. Box 3006 Lade, N-7002 Trondheim, Norway  
Telephone: 477-90-4011  
Coverage: National  
Territory: Norway  
Updates: Continuously  
Output: Interactive  
Language: Norwegian  
Availability: Open

Reference: NORW 4

Database: MGK  
Data Type: Numeric  
Data Subject: Marine Geology  
Subjects: References to marine seismic surveys, seismic profiles and sample points  
Keywords: Norway  
Organization: Geological Survey of Norway  
Center Name: Geological Survey of Norway  
Center Type: Governmental organization  
Address: Geological Survey of Norway, P.O. Box 3006 Lade, N-7002 Trondheim, Norway  
Telephone: 477-90-4011  
Coverage: National  
Territory: Continental Shelf of Norway  
Updates: Continuously  
Output: Interactive  
Language: Norwegian  
Availability: Open



# Norway (Continued)

Reference: NORW 17

Database: Natursteinsregistret  
 Data Type: Numeric  
 Data Subject: Geology  
 Keywords: Norway  
 Organization: Geological Survey of Norway  
 Center Name: Geological Survey of Norway  
 Center Type: Geological survey  
 Address: P.O. Box 3006 Lade, N-7002 Trondheim, Norway  
 Telephone: 477-90-4011  
 Coverage: National  
 Territory: Norway  
 Updates: Continously  
 Output: Interactive  
 Language: Norwegian  
 Availability: Open

Reference: NORW 1                      Entry Number: 279

Database: Norwegian Seismic Array-Norsar Database  
 Data Type: Numeric  
 Acronym: MORSAR  
 Data Subject: Geophysics  
 Subjects: Seismology, deismic discrimination, seismic surveillance, network operation, earthquake engineering, exploration geophysics, seismic modelling, information technology  
 Keywords: Seismicity, nuclear explosions, earthquakes, seismic risk, seismic arrays, seismic exploration methods, software, Norway  
 Organization: Norwegian Seismic Array, The Research Council of Norway  
 Center Name: Norwegian Seismic Array  
 Center Type: Regional institute  
 Address: PO Box 51, N-2007 Kjeller, Norway  
 Telephone: 476-81-7121 Telex 78147 KCIN  
 Coverage: National, regional  
 Territory: Norway and Adjacent Regions  
 Time Period: Begin: 1978    End: Present  
 Updates: Continuously  
 Output: Online, bulletin, periodical, software  
 Language: English  
 Availability: Open, network

Reference: NORW 11

Database: PETBA  
 Data Type: Numeric  
 Data Subject: Geophysics  
 Subjects: Petrophysical data on rock samples  
 Keywords: Petrophysics, Norway

Norway (Continued)

Organization: Geological Survey of Norway  
Center Name: Geological Survey of Norway  
Center Type: Government organization  
Address: Geological Survey of Norway, P.O. Box 3006 Lade, N-7002 Trondheim, Norway  
Telephone: 477-90-4011  
Coverage: National  
Territory: Norway  
Updates: Continuously  
Output: Interactive  
Language: Norwegian  
Availability: Open

Reference: NORW 13

Database: Regeransearkivet  
Data Type: Bibliographic  
Data Subject: Geology  
Subjects: References to information on Norwegian geology  
Keywords: Norway  
Organization: Geological Survey of Norway  
Center Name: Geological Survey of Norway  
Center Type: Geological survey  
Address: P.O. Box 3006 Lade, N-7002 Trondheim, Norway  
Telephone: 47-7-904011  
Coverage: National  
Territory: Norway  
Updates: Continuously  
Output: Interactive  
Language: Norwegian  
Availability: Open

Reference: NORW 5

Database: SENGU  
Data Type: Numeric  
Data Subject: Geology  
Subjects: Laboratory analysis of quaternary samples  
Keywords: Norway  
Organization: Geological Survey of Norway  
Center Name: Geological Survey of Norway  
Center Type: Governmental organization  
Address: Geological Survey of Norway, P.O. Box 3006 Lade, N-7002 Trondheim, Norway  
Telephone: 477-90-4011  
Coverage: National  
Territory: Norway  
Updates: Continuously  
Output: Interactive  
Language: Norwegian  
Availability: Open

Norway (Continued)

Reference: NORW 6

Database: URANAL  
Data Type: Numeric  
Data Subject: Geology  
Subjects: Radioactivity measurements of rock samples  
Keywords: Radioactivity, Norway  
Organization: Geological Survey of Norway  
Center Name: Geological Survey of Norway  
Center Type: Governmental organization  
Address: Geological Survey of Norway, P.O. Box 3006 Lade, N-7002 Trondheim, Norway  
Telephone: 477-90-4011  
Coverage: National  
Territory: Norway  
Updates: Continuously  
Output: Interactive  
Language: Norwegian  
Availability: Open

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***Peru***

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Reference: PERU 1      Entry Number: 283

Database: Catalog of Earthquakes  
Data Type: Numeric  
Acronym: Catalog of earthquakes from 1900 to 1987 (hypocenters and intensities)  
Keywords: Earthquakes, Peru  
Organization: Instituto Geofisico del Peru  
Center Name: Geophysical Institute of Peru  
Center Type: Regional institute  
Address: Lima 100, Peru  
Telephone: 014-36-5640  
Contact: Leandor Rodriguez  
Coverage: National data  
Territory: Peru  
Time Period: Begin: 1900    End: Present  
Volume: 17,000 records approx  
Updates: Daily  
Computers: PRIME  
Output: Reports, bulletins  
Availability: Restricted

Reference: PERU 2      Entry Number: 284

Database: Comite Cientifico y Tecnologico de Defensa Civil  
Data Type: Bibliographic  
Acronym: CCT-INDC

Peru (Continued)

Data Subject: Geophysics General Geosciences Remote Sensing  
 Subjects: To know useful information prevention of geodynamic and hydrometeorological disasters  
 Keywords: Geodynamics, hydrometeorology, ecology, Peru Organization: Instituto Nacioanl de Defensa Civil  
 Center Name: Scientific and Technological Committee of Civil Defense  
 Center Type: Governmental organization  
 Address: Lima, Peru  
 Telephone: 413-277 Telex: 21650-SIDECI  
 Contact: Ing. Cesar Arguedas Madrid  
 Coverage: National data  
 Territory: Peruvian Republic  
 Time Period: Begin: Jan 1988 End: Present  
 Volume: Factual/100 records with approx. 30 characters per record  
 Updates: Annually  
 Output: Interactive  
 Language: Spanish  
 Availability: Open

Reference: PERU 3 Entry Number: 281

Database: Earthquake Data  
 Data Type: Numeric Bibliographic  
 Acronym: SISAN  
 Data Subject: Geophysics  
 Subjects: Main facts about historical and instrumental earthquakes  
 Keywords: Earthquakes, seismicity, Peru  
 Organization: Instituto Geofisico del Peru; Geofisico Aplicada  
 Center Name: Instituto Geofisico del Peru  
 Center Type: Governmental organization  
 Address: Lote 10, Apartado 3747, Lima 100, Peru  
 Telephone: 370-244 Telex 25507PE IGPLIM  
 Contact: Ocola L.  
 Coverage: National data  
 Time Period: Begin: 1471 End: 1982  
 Volume: About 40,000 records  
 Updates: Every 2 Years  
 Computers: PRIME  
 Software: Written in-house  
 Output: Compilation  
 Language: Spanish  
 Availability: Open

Reference: PERU 4 Entry Number: 282

Database: Ingemmet Database  
 Data Type: Bibliographic  
 Acronym: INFO

Peru (Continued)

Keywords: Geology, mining, metallurgy, Peru  
Organization: Instituto Geologico, Minero y Metalurgico  
Center Name: Geological, Mining and Metallurgical Institute  
Center Type: Governmental organization  
Address: Pablo Bermudez 211, Jesus Maria, Lima, Peru  
Telephone: 336-234  
Contact: Ing. Hugo Rivera Mantilla, Ing. Francisco Herrera Romero  
Coverage: Local data, regional data, national data,  
Time Period: Begin: 1902 End: 1993  
Computers: IBM PC/AT  
Software: Microsis  
Output: Interactive, compilation, reports, bulletins  
Language: Spanish  
Availability: Open, fees

**Philippines**

Reference: PHIL 1 Entry Number: 285

Database: Seismicity Database  
Data Type: Numeric  
Data Subject: Geophysics  
Subjects: 14-short period, high magnification stations throughout the Philippines; 18-strongmotion accelerographs. Data exchange with other networks of UNDP-UNESCO system  
Keywords: Earthquakes, seismograms, accelerograms, epicenters, tsunamis, Philippines  
Organization: Philippine Atmospheric, Geophysical, and Astronomical Service Administration (PAGASA)  
Center Name: Pagasa, Seismological Section  
Center Type: Governmental organization  
Address: Philippine Institute of Volcanology and Seismology (PIVS); National Science and Technology Authority (NSTA)  
Telephone: 980661 Telex 2021 PAGASA PM  
Contact: M. C. Bonjoc  
Coverage: National, regional  
Territory: Philippines and adjacent sea regions  
Time Period: Begin: 1979 End: Present  
Updates: Continuously  
Output: Online, batch, network (UNDP-UNESCO)  
Language: English, Spanish  
Availability: Open, fees

Reference: PHIL 2 Entry Number: 286

Database: Volcanology and Seismology Database  
Data Type: Numeric  
Data Subject: Geophysics, Environmental Geology, Tectonics-Structural Geol

### Philippines (Continued)

Subjects: Areal and remote sensing data concerning earthquakes, seismic risks, and volcanologic events  
Keywords: Seismology, volcanology, seismic risk, geologic hazards, earthquakes, tsunamis, Philippines  
Organization: Philippine Institute of Volcanology and Seismology (PIVS); National Science and Technology Authority (NSTA)  
Center Name: National Science and Technology Authority (NSTA)  
Center Type: Regional institute  
Address: 6th Floor Hizon Building, 29 Quezon Avenue, Quezon City, Philippines  
Telephone: 712-4656  
Contact: J. C. Tayag  
Coverage: National  
Territory: Philippines and adjacent sea region  
Time Period: Begin: 1980 End: Present  
Volume: 44,000 records (more than 3 megabytes)  
Updates: Continuously  
Output: Interactive, compilations, reports  
Language: Spanish and English  
Availability: Open, fees

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### ***Poland***

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Reference: POLA 5

Database: Aluwia i gleby (Valley fills and soils)  
Data Type: Numeric  
Acronym: GLE; ALU  
Subjects: Geochemical map of Warszawa and vicinity. Base contains the results of cal-chemical analyses of fill and soils  
Keywords: Chemical analysis, Alluvium, Soil, Poland (Warsaw), Poland  
Organization: Polish Geological Institute  
Center Name: Petrography and Geochemistry Department  
Center Type: Geological survey and research institute  
Address: Panstwowy Instytut Geologiczny, Rakowiecka 4, 00-975 Warszawa, Poland, Zaklad Petrografii i Geochemii  
Telephone: 495-351 ext 590  
Contact: Dr. J. Lis  
Coverage: Regional data  
Time Period: Begin: 1991 End: Present  
Volume: 4,000 samples  
Updates: Continuous  
Computers: Microcomputers IBM-PC 486  
Software: Based on FoxPro  
Output: Interactive, compilations, bulletins, special reports  
Language: Polish  
Availability: Open

# Poland (Continued)

- Reference:** POLA 7
- Database:** Base for Coal Capacity and Coal Analyses
- Data Type:** Numeric
- Acronym:** WZA
- Subjects:** All coal layers in the wells considered; Chemical and technological data for defining coal quality and reserve estimation
- Keywords:** Coal, Chemical analysis, Borehole sections, Quality, Reserves, Poland
- Organization:** Polish Geological Institute
- Center Name:** Polish Geological Insitute Uppersilesian Branck in Sosnowiec
- Center Type:** Geological survey and research institute
- Address:** Oddzial Gornoslaski PIG, 41-200 Sosnowiec, ul Krolowej Jadwigi 1
- Telephone:** 832-66-30-40 Tel:03-122-95
- Contact:** J. Jureczka MSc
- Coverage:** Regional data
- Time Period:** Begin: 1989 End: Present
- Volume:** ca 160,000 coal layers
- Updates:** When necessary
- Computers:** Network Novell, micrcomputers IBM-PC
- Software:** Based on Pascal
- Output:** Interactive
- Language:** Polish
- Availability:** Open
- 
- Reference:** POLA 9
- Database:** Base of Stationary Hydrogeological Observation
- Data Type:** Numeric
- Acronym:** SOH
- Data Subject:** Hydro-Geology
- Subjects:** System of stationary observations of ground waters. Depth of groundwater table: 1) base of daily measurements - stations of first order monitoring. 2) base of weekly measurements - observation points of II and III order
- Keywords:** Wody podziemne, Poland
- Organization:** Polish Geological Institute
- Center Name:** Hydrogeology and Engineering Geology Department
- Center Type:** Geological survey and research institute
- Address:** Panstwowy Instytut Geologiczny, ul Rakowiecka 4, 00-975 Warszawa, Poland, Zaklad Hydrologii i Geologii Inzynierskiej
- Telephone:** 49-53-51 ext 363 Tel:82-55-41
- Contact:** E. Przytula MSc
- Coverage:** National data
- Time Period:** Begin: 1986 End: Present
- Volume:** 12 MB
- Updates:** Monthly
- Computers:** Microcomputers IBM-PC 486
- Software:** Based on Pascal
- Output:** Interactive, compilations, bulletins, special reports
- Language:** Polish
- Availability:** Open

# Poland (Continued)

Reference: POLA 4

Database: Dane Florystyczne (Floristic data)  
 Data Type: Numeric  
 Acronym: FLORA  
 Subjects: Results of floristic investigations of Carboniferous rocks  
 Keywords: Flora, skaly karbonskie, Poland  
 Organization: Polish Geological Institute  
 Center Name: Uppersilesian Branch in Sosnowiec  
 Center Type: Geological survey and research institute  
 Address: 41-200 Sosnowiec, ul. Krolowej Jadwigi 1, Oddzial Gornoslaski PIG  
 Telephone: 832-66-30-40 Tel:832-0312-295  
 Contact: J. Jureczka MSc  
 Coverage: Regional data  
 Time Period: Begin: 1991 End: 1991  
 Volume: PGI wells  
 Updates: Completed work  
 Computers: Online search  
 Software: Network Novell-microcomputers, IBM-PC  
 Output: Based on Pascal  
 Language: Polish  
 Availability: Open

Reference: POLA 8

Database: Dane grawimetryczne i magnetyczne (Gravimetric & magnetic data)  
 Data Type: Numeric  
 Acronym: GRMG  
 Subjects: Baza danych grawimetryczny i magnetycznych (Gravimetric and magnetic)  
 Keywords: Gravimetric survey, Magnetic survey, Poland  
 Organization: Polish Geological Institute  
 Center Name: Geophysics and Remote Sensing Department  
 Center Type: Geological survey and research institute  
 Address: Panstwowy Instytut Geologiczny, Rakowiecka 4, 00-975 Warszawa, Poland, Zaklad Geofizyki i Teledetekcji  
 Telephone: 49-53-51 ext 350 Tel:82-55-41  
 Contact: Dr. S. Mlynarski  
 Coverage: National data  
 Time Period: Begin: 1985 End: Present  
 Updates: Continuous  
 Computers: Microcomputers IBM-PC 486  
 Software: Pased on Pascal, Fortran  
 Output: Interactive and compiled data compilations  
 Language: Polish  
 Availability: Open



# Poland (Continued)

Reference: POLA 2

Database: Informacja o zlozach (Information on mineral resources)  
 Data Type: Numeric  
 Acronym: MIDAS  
 Data Subject: Metallic & non-metallic min. resources, balance of reserves  
 Subjects: Information of deposits exploitation, reserves movement, quality parameters, mines users, minerals processing, post-exploitation menaces  
 Keywords: Mineral resources, Reserves, Quality, Ore-dressing, Preventive measure, Poland  
 Organization: Polish Geological Institute  
 Center Name: Economic Geology Department  
 Center Type: Geology survey & research institute  
 Address: Panstwowy Instytut Geologiczyn, Rakowiecka 4, 00-975 Warszawa, Poland, Economic Geology Department  
 Telephone: 495-351 ext 495 Telex: 82-55-41  
 Contact: Dr. St. Przenioslo  
 Coverage: National  
 Time Period: Begin: 1988 End: Present  
 Volume: 6,000 deposits  
 Updates: Daily  
 Computers: Network Nowell - Computers IMB-PC  
 Software: Based on FoxPro  
 Output: Interactive, compilations, bulletins, special reports  
 Language: Polish, English  
 Availability: Open

Reference: POLA 11

Database: Otwory i probki z Baltyku (Wells & samples form the Baltic Sea)  
 Data Type: Numeric  
 Acronym: PBAL  
 Subjects: Bathymetry, well profile, analyses of samples from the Polish area of the Baltic Sea  
 Keywords: Shape analysis, Marine sediment, Borehole sections, Quality, Reserves, Poland  
 Organization: Polish Geological Institute  
 Center Name: Marine Geology Branch  
 Center Type: Geological survey and research institute  
 Address: 81-740 Sopot, ul. Polna 62, Oddzial Geologii Morza PIG  
 Telephone: 058-51-1232 Tel: GEOM 0512677  
 Contact: Dr. J. Zachowicz  
 Coverage: Regional data  
 Time Period: Begin: 1985 End: Present  
 Volume: Results obtained since 1970  
 Updates: Continous  
 Computers: Microcomputers IBM-PC  
 Software: Based on FoxPro  
 Output: Interactive  
 Language: Polish  
 Availability: Open

# Poland (Continued)

Reference: POLA 6

Database: Petrographic data on sedimentary rocks  
 Data Type: Numeric  
 Acronym: PETR  
 Subjects: Results of petrographic laboratory investigations  
 Keywords: Sedimentary rocks, Carboniferous, Poland  
 Organization: Polish Geological Institute  
 Center Name: Uppersilesian Branch in Sosnowiec  
 Center Type: Geological survey and research institute  
 Address: 41-200 Sosnowiec, ul. Krolowej Jadwigi 1, Oddzial Gornoslaski PIG  
 Telephone: 832-66-30-40  
 Contact: J. Jureczka MSc  
 Coverage: Regional data  
 Time Period: Begin: 1990 End: Present  
 Volume: Wells and Silesia  
 Updates: Frequently  
 Computers: Network Nowell, crocomputers IBM-PC  
 Software: Based on Pascal  
 Output: Interactive  
 Language: Polish  
 Availability: Open

Reference: POLA 12

Database: Wiercenia (Wells)  
 Data Type: Numeric  
 Acronym: WIERC  
 Subjects: Basic data on wells, wells profiles, lithology, stratigraphy, technical data, description of core  
 Keywords: Borehole section, Stratigraphy, Lithology, Poland  
 Organization: Polish Geological Institute  
 Center Name: Geology & Oil-Natural Gas Potential of Polish Lowland Depart  
 Center Type: Geological survey and research institute  
 Address: Panstwowy Instytut Geologiczny, Rakowiecka 4, 00-975 Warsaw, Poland, Zaklad Geologii i Ropogazonosci Nizu  
 Telephone: 49-53-51 ext 291 Tel:82-55-41  
 Contact: Dr. L. Milaczewski  
 Coverage: National data  
 Time Period: Begin: 1986 End: Present  
 Volume: 150 Wells  
 Updates: Continuous  
 Computers: Microcomputers IBM-PC 486  
 Software: Based on Clipper  
 Output: Interactive and compilations  
 Language: Polish  
 Availability: Open

Poland (Continued)

Reference: POLA 3

Database: Wiercenia glebokie (Deep wells)

Data Type: Numeric

Acronym: BAZACS

Data Subject: Fuels and Energy Resources

Subjects: Information from deep wells of the Fore-Sudetic Monocline

Keywords: Deep wells, Borehole section, Petroleum, Gaz, Stratigraphy, Poland Organization: Panston Instytut Geologiczny

Center Name: Polish Geological Survey

Center Type: Geological survey and research institute

Address: Panstwowy Instytut Geologiczny, Rakowiecka 4, 00-975 Warszawa, Poland, Zaklad Geologii i Ropogazonosnosci Nizu

Telephone: 495-351 ext 218 Tel:825-541

Contact: J. Chelminski MSc

Coverage: Regional data

Time Period: Begin: 1989 End: Present

Volume: 500 wells

Updates: Continuous

Computers: Microcomputers IBM-PC 486

Software: Based on Pascal

Output: Interactive and printed data compilations

Language: Polish

Reference: POLA 1 Entry Number: 287

Database: Wiercenia hydrogeologiczne (Hydrogeological wells)

Data Type: Numeric

Acronym: HYDRO

Data Subject: Hydro-Geology

Subjects: Geological and hydrogeological data from wells (location, stratigraphy, lithology, casing, filter construction, test pumping, chemical analyses, granulometric data)

Keywords: Hydrogeology, boreholes, chemical composition, pump tests, ground water, Poland

Organization: Polish Geological Institute

Center Name: Computer Center Hydrogeology & Engineering Geology Department

Center Type: Geological survey and research institute

Address: Panstwowy Instytut Geologiczny, Rakowiecka 4, 00-975 Warszawa, Poland, Osrodek Komputeryzacji Badan, Zaklad Hydrogeologii i Geologii Inzynierskiej

Telephone: 49 53 51 ext 362 or ext 569

Contact: A. Berestka-Tkacz MSc, L. Skrzypczak MSC

Coverage: National data

Time Period: Begin: 1976 End: Present

Volume: 100,000 wells

Updates: Quarterly

Computers: Microcomputers IBM-PC 486

Software: Based of FoxPro

Poland (Continued)

Output: Interactive, compilations, bulletins, special reports  
Language: Polish, English  
Availability: Open

Reference: POLA 10

Database: Zbiory Geofizyki Wiertniczej (Collections of well loggings)  
Data Type: Numeric  
Acronym: GEOF  
Data Subject: Stratigraphy, Geophysics  
Subjects: Original data for geophysical well logging with stratigraphy and interpreted lithology  
Keywords: Borehole sections, Well logging, Poland  
Organization: Polish Geological Institute  
Center Name: Geophysics and Remote Sensing Department  
Center Type: Geological survey and research institute  
Address: Panstwowy Instytut Geologiczny, Rakowiecka 4, 00-975 Warszawa, Poland, Geophysics and Remote Sensing Department  
Telephone: 495-351 ext 457 Tel:49-53-42  
Contact: Dr. J. Szewczyk  
Coverage: National data  
Time Period: Begin: 1985 End: Present  
Volume: 100 deep boreholes  
Updates: Continuous  
Computers: Microcomputers IBM-PC 486  
Software: Based on Pascal  
Output: Interactive and compilations  
Language: Polish  
Availability: Open

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***Puerto Rico***

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Reference: PUER 1                      Entry Number: 288

Database: National, Cultural, Environmental Resources Inventory  
Data Type: Numeric  
Acronym: NCERI GIS  
Data Subject: Remote Sensing  
Subjects: Database consists of land use, general geology, primary and secondary soil series and characteristics, floodable areas in terms of 1/4 square kilometer cells  
Keywords: Areal geology, land use, Puerto Rico  
Organization: Department of Natural Resources  
Center Type: Governmental organization  
Address: Department of Natural Resources/Scientific Inventory Division, Box 5887, Puerta de Tierra, Puerto Rico 00906  
Telephone: 724-8774 x292, 452  
Contact: Mr. Alejandro Candelario, Mrs. Piedad Morayta

Puerto Rico (Continued)

Coverage: National data  
Territory: Puerto Rico  
Time Period: Begin: 1972 End: 1988  
Updates: Periodically  
Computers: Digital 4000  
Software: GEOSISTEMA GIS  
Output: Compilation  
Language: Fees charged  
Availability: Open, fees

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***South Africa***

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Reference: SAFR 1

Database: National Coal Database  
Data Type: Numeric  
Acronym: NATCOALBASE  
Data Subject: Fuels and Energy Resources  
Subjects: A comprehensive base on exploration data of various origin supplied to the Geological Survey by companies in terms of the Mining Rights Acts  
Keywords: Coal deposits, exploration, reserves lithology, carboniferous, permian, South Africa  
Organization: Geological Survey of South Africa  
Center Name: Geological Survey of South Africa  
Center Type: Geological survey  
Address: Geological Survey of South Africa, Private Bag X112, Pretoria 0001, Republic of South Africa  
Telephone: 012-841-1353 Fax: 012-841-1221  
Contact: Wolmarans, L.  
Coverage: National, Regional  
Territory: South Africa and adjacent regions  
Time Period: Begin: 1981 End: 1990?  
Updates: Annually  
Computers: IBM-PC  
Output: Batch, data compilations, bulletins  
Language: English, Afrikaans  
Availability: Open, fees

Reference: SAFR 2 Entry Number: 289

Database: Seismological Database  
Data Type: Numeric  
Data Subject: Geophysics  
Subjects: Collection and interpretation of seismograms from national network of 15 seismological stations; induced seismicity and rock-burst tremors from deep gold mines. Reporting of earthquake data to U.S. NEIS and to world data centers  
Keywords: Seismograms, earthquakes, seismicity, rock bursts, seismic surveys, South Africa  
Organization: Geological Survey of South Africa

### South Africa (Continued)

Center Name: Geological Survey of South Africa  
Center Type: Geological Survey  
Address: Visagie Street, Private Bag X112, Pretoria 0001, South Africa  
Telephone: 012-484230  
Contact: Fernandez, L. M.  
Coverage: National, regional  
Territory: South Africa  
Time Period: Begin: 1971 End: Present  
Updates: Continuously  
Output: Batch, online, network (undp-unesco)  
Language: English  
Availability: Open, free (standard form)

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### *Spain*

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Reference: SPAI 1

Database: Coal Abstracts  
Data Type: Bibliographic  
Data Subject: Fuels and Energy Resources  
Subjects: Coal exploration, reserves and production data  
Keywords: Coal, carboniferous, global, Spain  
Organization: Instituto tecnologico geominero de Espana  
Center Name: Geological and Mining Technological Institute of Spain  
Center Type: Geological survey  
Address: Instituto tecnologico geominero de Espana, Rios Rosas 23, 28003, Madrid, Spain  
Telephone: 91-4416500  
Contact: Sanchez, Lencina A.  
Coverage: International  
Time Period: Begin: 1978  
Updates: Monthly  
Computers: IBM 4361  
Software: BASIS  
Output: Interactive  
Language: English  
Availability: Open, fees

Reference: SPAI 2

Database: PASCAL-GEODE  
Data Type: Bibliographic  
Acronym: PASCAL  
Data Subject: General Geosciences  
Keywords: Geology, Spain  
Organization: Instituto tecnologico geominero de Espana  
Center Name: Geological and Mining Technological Institute of Spain  
Center Type: Geological survey  
Address: Instituto tecnologico geominero de Espana, Rios Rosas 23, 28003, Madrid, Spain

Spain (Continued)

Telephone: 91-4416500  
Contact: Sanchez, Lencina A.  
Coverage: International  
Time Period: Begin: 1968  
Updates: Monthly  
Computers: IBM 4361  
Software: BASIS  
Output: Interactive  
Language: English, French  
Availability: Open, fees

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***Sweden***

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Reference: SWED 1                      Entry Number: 304

Database: Bedrock Map Database  
Data Type: Numneric  
Acronym: BMAP  
Data Subject: Regional and Mapping Geology, Petrology, Igneous, Metamorphic  
Keywords: Bedrock, crystalline rocks, shield areas, outcrops, cartography, Sweden  
Organization: Sveriges Geologiska Undersoekning  
Center Name: Geological Survey of Sweden  
Center Type: Geological Survey  
Address: Box 670, S-75128 Uppsala, Sweden  
Telephone: 00946-018179000 Telex 76154 S  
Contact: Bruun, Ake  
Coverage: National  
Territory: Sweden  
Time Period: Begin: 1987    End: Present  
Volume: 25 megabytes  
Updates: Continuously  
Computers: PRIME 5320  
Software: Campus - a vector database system  
Output: Online, batch, graphic  
Language: Swedish  
Availability: Open, fees

Reference: SWED 2                      Entry Number: 295

Database: Drift Surface Map Database  
Data Type: Numeric  
Acronym: FMAP  
Data Subject: Geomorphology, Quaternery and Structural Geology, Tectonics  
Keywords: Sweden  
Organization: Sveriges Geologiska Undersoekning  
Center Name: Geological Survey of Sweden

# Sweden (Continued)

Center Type: Geological Survey  
 Address: Box 670, S-75128 Uppsala, Sweden  
 Telephone: 009-460-1817-9000 Telex: 76154 S  
 Contact: Soderlund, Tor  
 Coverage: National  
 Territory: Sweden and adjacent regions of Scandinavia including seafloor  
 Time Period: Begin: 1986 End: Present  
 Volume: 25 megabytes  
 Updates: Continuously  
 Computers: PRIME 5320  
 Software: Campus - a vector database system  
 Output: Online, batch, graphics  
 Language: Swedish  
 Availability: Open, fees

Reference: SWED 3 Entry Number: 300

Database: Geochemical Database  
 Data Type: Numeric  
 Acronym: JKDB  
 Data Subject: Geochemistry, Isotopes  
 Keywords: Geochemical maps, chemical composition, petrochemistry, trace elements, Sweden  
 Organization: Sveriges Geologiska Undersokning  
 Center Name: Geological Survey of Sweden  
 Center Type: Geological Survey  
 Address: Box 670, S-75128 Uppsala, Sweden  
 Telephone: 009-460-1817-9000 Telex 76154 S  
 Contact: Ohlsson, Sten-ake  
 Coverage: National  
 Territory: Sweden  
 Time Period: Begin: Open End: Present  
 Volume: 110 megabytes, 300,000 samples  
 Updates: Continuously  
 Computers: PRIME 5320  
 Software: Mimer-Relational Dbms  
 Output: Online, batch, data compilations, bulletins, graphics  
 Language: Swedish  
 Availability: Restricted, fees

Reference: SWED 4

Database: Geomagnetic Database  
 Data Type: Numeric  
 Acronym: MAGDOK  
 Data Subject: Geophysics  
 Subjects: Measurements of the geomagnetic field in time-series at certain locations  
 Keywords: Geomagnetism, time-series, Sweden



# Sweden (Continued)

**Organization:** Sveriges Geologiska Undersokning  
**Center Name:** Geological Survey of Sweden  
**Center Type:** Geological survey  
**Address:** Geological Survey of Sweden, Box 670, S-75128, Uppsala, Sweden  
**Telephone:** +461-817-9000  
**Contact:** Olafsdottir, Birna  
**Coverage:** National  
**Territory:** Sweden  
**Time Period:** Begin: 1928 End: Present  
**Volume:** 15 megabytes  
**Updates:** Annually  
**Computers:** PRIME 5320  
**Software:** In-house database and application  
**Output:** Online, batch, data compilations, graphics, bulletins  
**Language:** English  
**Availability:** Restricted, fees

**Reference:** SWED 5                      **Entry Number:** 302

**Database:** Geophysical Database - Griddata  
**Data Type:** Numeric  
**Acronym:** AK/IPOL  
**Data Subject:** Geophysics  
**Keywords:** Geophysical surveys, geophysical maps, geophysical anomalies, aeromagnetic, gamma radiation, ground conductivity, Sweden  
**Organization:** Sveriges Geologiska Undersokning  
**Center Name:** Geological Survey of Sweden  
**Center Type:** Geological Survey  
**Address:** Box 670, S-75128 Uppsala, Sweden  
**Telephone:** 009-460-1817-9000 Telex: 76154 S  
**Contact:** Aaro, Sven  
**Coverage:** National  
**Territory:** Sweden  
**Time Period:** Begin: Open End: Present  
**Volume:** 800 megabytes  
**Updates:** Continuously  
**Computers:** PRIME 5320  
**Software:** Mimer, relational DBMS  
**Output:** Online, batch, data compilations, graphics  
**Language:** Swedish  
**Availability:** Restricted, fees

**Reference:** SWED 6

**Database:** Gravity Database  
**Data Type:** Numeric  
**Acronym:** GRAVIA  
**Data Subject:** Geophysics

# Sweden (Continued)

**Subjects:** Field measurements and interpreted anomalies  
**Keywords:** Gravity, Sweden  
**Organization:** Sveriges Geologiska Undersokning  
**Center Name:** Geological Survey of Sweden  
**Center Type:** Geological Survey  
**Address:** Geological Survey of Sweden, Box 670, S-75128, Uppsala, Sweden  
**Telephone:** +461-817-9000  
**Contact:** Aaro, Sven  
**Coverage:** National  
**Territory:** Sweden  
**Time Period:** Begin: 1965 End: Present  
**Volume:** 30 megabytes  
**Updates:** Annually  
**Computers:** PRIME 5320  
**Software:** In-house database and application  
**Output:** Online, batch, data compilations  
**Language:** Swedish  
**Availability:** Restricted, fees

**Reference:** SWED 7                      Entry Number: 301

**Database:** Groundwater Database  
**Data Type:** Numeric  
**Acronym:** GRVDOK  
**Data Subject:** Hydrogeology Environmental Geology  
**Keywords:** Ground water, water resources, water wells, pollution, hydrogeological maps, Sweden  
**Organization:** Sveriges Geologiska Undersoekning  
**Center Name:** Geological Survey of Sweden  
**Center Type:** Geological Survey  
**Address:** Box 670, S-75128 Uppsala, Sweden  
**Telephone:** 009-460-1817-9000 Telex 76154 S  
**Contact:** Hellstrom, Goran  
**Coverage:** National  
**Territory:** Sweden  
**Time Period:** Begin: Open End: Present  
**Volume:** 100 megabytes  
**Updates:** Continuously  
**Computers:** PRIME 5320  
**Software:** Miner, relational DBMS  
**Output:** Online, batch, data compilations, graphics  
**Language:** Swedish  
**Availability:** Open, fees

**Reference:** SWED 8                      Entry Number: 305

**Database:** Hydrogeological Map Database  
**Data Type:** Numeric

# Sweden (Continued)

**Acronym:** HMAP  
**Data Subject:** Hydrogeology  
**Keywords:** Hydrogeological maps, water budget, water resources, hydrochemistry, Sweden  
**Organization:** Sveriges Geologiska Undersökning  
**Center Name:** Geological Survey of Sweden  
**Center Type:** Geological Survey  
**Address:** Box 670, S-75128 Uppsala, Sweden  
**Telephone:** 00946-018179000 Telex 76154 S  
**Contact:** Engquist, Per  
**Coverage:** National  
**Territory:** Sweden  
**Time Period:** Begin: 1987 End: Present  
**Volume:** 10 megabytes  
**Updates:** Continuously  
**Computers:** PRIME 5320  
**Software:** Campus - a vector database system  
**Output:** Online, batch, graphics  
**Language:** Swedish  
**Availability:** Open, free (Sweden)

**Reference:** SWED 9                      Entry Number: 294

**Database:** Marine Geology Database  
**Data Type:** Numeric  
**Acronym:** MARINIS  
**Data Subject:** Marine Geology  
**Keywords:** Marine sediments, bathymetry, erosion, ocean floors, geophysical surveys, Sweden  
**Organization:** Sveriges Geologiska Undersökning  
**Center Name:** Geological Survey of Sweden  
**Center Type:** Geological Survey  
**Address:** Box 670, S-75128 Uppsala, Sweden  
**Telephone:** 00946-018179000 Telex 76154 S  
**Contact:** Cato, Ingemar  
**Coverage:** National  
**Territory:** World Ocean - main part of data from Baltic and North Sea  
**Time Period:** Begin: 1992 End: Present  
**Volume:** 120 megabytes  
**Updates:** Irregularly  
**Computers:** PRIME 9750  
**Software:** GIS, INGRES, SIERRA  
**Output:** Online, batch, compilations, bulletins, graphics  
**Language:** Swedish  
**Availability:** Restricted, fees

**Reference:** SWED 10                      Entry Number: 298

**Database:** Ore and Mineral Deposits Database

# Sweden (Continued)

**Data Type:** Numeric, bibliographic  
**Acronym:** GRUVM  
**Data Subject:** Metallic Mineral Resources Non-Metallic Mineral Resources  
**Keywords:** Ore deposits, ore sources, metallogeny, ore guides, mineral exploration, Sweden, claims, concessions, gas, oil, peat, clays, mining, Sweden  
**Organization:** Sveriges Geologiska Undersokning  
**Center Name:** Geological Survey of Sweden  
**Center Type:** Geological Survey  
**Address:** Box 670, S-75128 Uppsala, Sweden  
**Telephone:** 00946-018179000 Telex 76154 S  
**Contact:** Arne Sundberg, Ike Berg  
**Coverage:** National  
**Territory:** Sweden  
**Time Period:** Begin: Open End: Present  
**Volume:** 9 megabytes  
**Updates:** Continuously  
**Computers:** PRIME 5320, PC  
**Software:** Mimer relational DBMS  
**Output:** Online, batch, compilations, bulletins, reports, graphics  
**Language:** Swedish  
**Availability:** Restricted, fees

**Reference:** SWED 11 Entry Number: 296

**Database:** Peat - Database  
**Data Type:** Numeric  
**Acronym:** TRVDB  
**Data Subject:** Environmental Geology, Geomorphology  
**Keywords:** Peat, Quaternary, organic sediments, peat bogs, soils, Sweden  
**Organization:** Sveriges Geologiska Undersokning  
**Center Name:** Geological Survey of Sweden  
**Center Type:** Geological Survey  
**Address:** Box 670, S-75128 Uppsala, Sweden  
**Telephone:** 00946-018179000 Telex 76154 S  
**Contact:** Fredriksson, Dag  
**Coverage:** National  
**Territory:** Sweden  
**Time Period:** Begin: Open End: Present  
**Volume:** 8 megabytes, 13,200 peatbogs  
**Updates:** Continuously  
**Computers:** PRIME 5320  
**Software:** Mimer Relational DBMS  
**Output:** Online, batch, compilations  
**Language:** Swedish  
**Availability:** Open, free, fees (Sweden)

# Sweden (Continued)

Reference: SWED 12

Database: Petrophysical Database  
 Data Type: Numeric  
 Acronym: SURE  
 Data Subject: Geophysics  
 Subjects: Measurements of geophysical properties of rock specimen such as density, susceptibility, remanence  
 Keywords: Rock specimen, density, susceptibility, remanence, Sweden  
 Organization: Sveriges Geologiska Undersokning  
 Center Name: Geological Survey of Sweden  
 Center Type: Geological survey  
 Address: Geological Survey of Sweden, Box 670, S-75128, Uppsala, Sweden  
 Telephone: +4618179000  
 Contact: Aaro, Sven  
 Coverage: National  
 Territory: Not listed  
 Time Period: Begin: 1965 End: Present  
 Volume: 35 megabytes  
 Updates: Annually  
 Computers: PRIME 5320  
 Software: In-house database and application  
 Output: Online, batch, data compilations, graphics  
 Language: Swedish  
 Availability: Restricted, fees

Reference: SWED 13 Entry Number: 292

Database: Pollen and Diatom Database  
 Data Type: Numeric Bibliographic  
 Acronym: POLLENDB & DIATOMDB  
 Data Subject: Paleontology Stratigraphy  
 Keywords: Pollen, diatoms, palynomorphs, biostratigraphy, palynology, micropaleontology, Sweden  
 Organization: Sveriges Geologiska Undersokning  
 Center Name: Geological Survey of Sweden  
 Center Type: Geological Survey  
 Address: Box 670, S-75128 Uppsala, Sweden  
 Telephone: 00946-018179000 Telex 76154 S  
 Contact: Robertsson, Ann-Marie  
 Coverage: Local  
 Territory: Sweden  
 Time Period: Begin: Open End: Present  
 Volume: 4 megabytes, 1,000 analyses  
 Updates: Continuously  
 Computers: PRIME 5320  
 Software: Mimer Relational DBMS  
 Output: Online, batch, compilations, graphics  
 Language: Swedish, English  
 Availability: Restricted

# Sweden (Continued)

Reference: SWED 14 Entry Number: 303

Database: Reference System for Geological Information  
 Data Type: Bibliographic  
 Acronym: GEOREGISTER II  
 Data Subject: General Geosciences: Areal, Regional and Mapping Geology  
 Keywords: Geology, aerial geology, Sweden, IR systems, keywords, locations, document types, Sweden  
 Organization: Sveriges Geologiska Undersokning  
 Center Name: Geological Survey of Sweden  
 Center Type: Geological Survey  
 Address: Box 670, S-75128 Uppsala, Sweden  
 Telephone: 00946-018179000 Telex 76154 S  
 Contact: Sundberg, Arne  
 Coverage: National  
 Territory: Sweden  
 Time Period: Begin: Open End: Present  
 Volume: 37 megabytes, 10,200 documents  
 Updates: Daily  
 Computers: PRIME 5320  
 Software: Mimer relational DBMS, X-REF/IR  
 Output: Online, batch, data compilations, bulletins  
 Language: Swedish  
 Availability: Open, fees

Reference: SWED 15 Entry Number: 297

Database: Sand and Gravel Database  
 Data Type: Numeric  
 Acronym: GRUSDB  
 Data Subject: Engineering Geology, Non-Metallic Mineral Resources  
 Keywords: Sand, gravel, construction materials, Sweden  
 Organization: Sveriges Geologiska Undersokning  
 Center Name: Geological Survey of Sweden  
 Center Type: Geological Survey  
 Address: Box 670, S-75128 Uppsala, Sweden  
 Telephone: 00946-018179000 Telex 76154 S  
 Contact: Granas, Karin  
 Coverage: National  
 Territory: Sweden  
 Time Period: Begin: Open End: Present  
 Volume: 13 megabytes, 8,840 deposits  
 Updates: Continuously  
 Computers: PRIME 5320  
 Software: Mimer relational DBMS  
 Output: Online, batch, data compilations  
 Language: Swedish  
 Availability: Open, fees

Sweden (Continued)

Reference:	SWED 16	Entry Number: 299
Database:	Sedimentary Bedrock Database	
Data Type:	Numeric, Bibliography	
Acronym:	SWESTRAT	
Data Subject:	Regional Geology, Mapping Geology Stratigraphy	
Keywords:	Sedimentary rocks, sediments, sedimentary cover, stratigraphy, petrochemistry, verburden, Sweden	
Organization:	Sveriges Geologiska Undersokning	
Center Name:	Geological Survey of Sweden	
Center Type:	Geological Survey	
Address:	Box 670, S-75128 Uppsala, Sweden	
Telephone:	00946-018179000 Telex 76154 S	
Contact:	Karis, Lars	
Coverage:	Local	
Territory:	Sweden	
Time Period:	Begin: Open End: Present	
Volume:	4 megabytes	
Updates:	Continuously	
Computers:	PRIME 5320	
Software:	Mimer, Relational Dbms	
Output:	Online, batch	
Language:	Swedish	
Availability:	Restricted, fees	

Reference:	SWED 17	Entry Number: 293
Database:	Seismological Database	
Data Type:	Numeric	
Data Subject:	Geophysics	
Subjects:	Analyses of seismological data from the Hagfors array and local network of 20 stations	
Keywords:	Seismograms, seismic stations, earthquakes, seismic risk, nuclear explosions, Sweden	
Organization:	Hagfors Observatory Data Center	
Center Type:	Governmental organization	
Address:	Foa 2, S-10450 Stockholm, Sweden	
Telephone:	08-631800 Telex 13399	
Contact:	Dahlman, O.	
Time Period:	Begin: 1970 End: Present	
Updates:	Daily	
Output:	Batch, online	
Language:	English, Swedish	
Availability:	Open, free	

## **Switzerland**

Reference: SWIT 1                      Entry Number: 307  
Database: Minresdata  
Data Type: Bibliographic  
Acronym: INVENT/INVENTAR  
Data Subject: Metallic Mineral Resources  
Subjects: Metallic, non-metallic and energy neral resources, historical deposits, mineral occurrences of scientific interest, bibliography  
Keywords: Mineral resources, mining, history, geochemistry, Switzerland  
Organization: Schweizerische Geotechnische Kommission  
Center Name: Swiss Geotechnical Commission  
Center Type: Governmental organization  
Address: BGS Hydrogeology Group, Maclean Buildings, Growmarsh Gifford, Willingford, Oxon, OX 10 8BB  
Telephone: 01-256-37-28  
Contact: Kuending R.  
Coverage: National  
Territory: Switzerland  
Time Period: Begin: 1987    End: Present  
Volume: 1,000 Records  
Updates: Currently  
Computers: ATARI ST, IBM-PC  
Software: DBMAN 5.3 pseudo dBASE III+  
Output: Online  
Language: German  
Availability: Restricted

Reference: SWIT 2                      Entry Number: 306  
Database: Schweizerische Geol.Dokumentationstelle Der Landeshydrol/Geol  
Data Type: Bibliographic  
Acronym: SGD-LHG  
Data Subject: Regional Geology-Mapping Geology  
Subjects: Microfilms in original wording and drafting. Only part of the documents is accessible to all users  
Keywords: Geology, Switzerland  
Organization: Landeshydrologie Und Geologie  
Center Name: Archives Of Unpubl.Geol.Info In Switz.  
Center Type: Governmental organization  
Address: Bernastrasse 28, Ch-3003, Bern, Switzerland  
Telephone: 004131/67'76'83'  
Contact: Dr. Peter Heitzmann  
Coverage: National  
Territory: Switzerland  
Time Period: Begin: 1965    End: Present  
Volume: 27,000 documnets (January 1993) of various content  
Updates: Monthly  
Computers: IBM 3084 QX, MVS-XA  
Software: Special (In House)



Switzerland (Continued)

Output: Online, microforms, periodical  
Language: German (mainly), French, Italian, English  
Availability: Free, fees

**United Kingdom**

Reference: UK 1

Database: Aquifer Properties Database  
Data Type: Text Bibliographic  
Acronym: Aquifer Properties Database  
Data Subject: Hydrogeology  
Subjects: Borehole locational information and sections  
Keywords: Catalogue, borehole section, boreholes, geology, lithology, stratigraphy, United Kingdom  
Organization: British Geological Survey  
Center Name: British Geological Survey  
Center Type: Geological Survey  
Address: BGS Hydrogeology Group, Maclean Buildings Growmarsh Gifford, Walling, Oxon OX10 BB  
Telephone: 0491-38800 Fax: 0491-25338 Telex: 849365 HYDRO  
Contact: Hydrogeology Group (M. Bird/D.J. Allen)  
Coverage: International data  
Territory: World  
Volume: 1,500 records including 500 UK & c.100 overseas boreholes  
Updates: Active  
Computers: VAX  
Software: Oracle  
Output: Machine readable  
Language: English  
Availability: Retricted, fees charged

Reference: UK 2

Database: BGS Borehole Records Index  
Data Type: Text Bibliographic  
Acronym: Various (BGS Dataset Ref. No. 2, 645, 749)  
Data Subject: Structural, regional and mapping geology, tectonics  
Subjects: Positional and administrative data for borehole sections held in paper form by BGS  
Keywords: Bibliography, catalogue, borehole section, boreholes, United Kingdom  
Organization: British Geological Survey  
Center Name: British Geological Survey  
Center Type: Geological Survey  
Address: Keyworth, Nottingham, NG12 5GG

United Kingdom (Continued)

Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
Contact: NGRC South  
Coverage: National data  
Territory: UK (England)  
Volume: Approx. 300,000 records  
Updates: Active  
Computers: VAX  
Software: Oracle  
Output: Online search, machine readable, printed compilations  
Language: English  
Availability: Open to all users but with some restrictions

Reference: UK 3

Database: BGS Library Catalogue  
Data Type: Text Bibliographic  
Acronym: BGS Library Catalogue; BGS Staff Offprints  
Data Subject: General geosciences  
Subjects: Catalogue of BGS Library holdings and collection of papers by BGS staff.  
BGS Library Catalogue (BGS Dataset Ref. No. 450). BGS Staff Offprints (BGS Dataset Ref. No. 707)  
Keywords: Bibliography, catalogue, maps, publications, reports, serials, United Kingdom  
Organization: British Geological Survey  
Center Name: British Geological Survey  
Center Type: Geological Survey  
Address: Keyworth, Nottingham, NG12 5GG  
Telephone: 0602-363205 Fax: 0602-363200 Telex: 378173 BGSKEY G  
Contact: Library (G. McKenna)  
Coverage: International data  
Territory: World  
Volume: 75,000 entries  
Updates: Active  
Computers: VAX  
Software: LIBERTAS  
Output: Online search (interactive), machine readable  
Language: English  
Availability: Open to all users, free of charge, network accessible

Reference: UK 4

Database: BGS Library Maps Index  
Data Type: Text Bibliographic  
Acronym: BGS Library STATUS Maps Index (BGS Dataset Ref. No. 748)  
Data Subject: Regional geology, mapping geology, general geosciences  
Subjects: Catalogue of geosciences other maps (all scales) held in BGS libraries  
Keywords: Bibliography, catalogue, maps, geological map, United Kingdom  
Organization: British Geological Survey

United Kingdom (Continued)

Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363361 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Library (J. Hurst)  
 Coverage: International data  
 Territory: World  
 Volume: 138kByte  
 Updates: Static  
 Computers: IBM mainframe  
 Software: Status  
 Output: Online search (interactive)  
 Language: English  
 Availability: Open to all users, free of charge

Reference: UK 5 Entry Number: 227

Database: BGS/NGDC Computerized Borehole Database  
 Data Type: Numeric  
 Data Subject: General Geosciences, Stratigraphy  
 Subjects: Data abstracted from BGS/NGDC records archive for England  
 Keywords: Boreholes, drilling, exploration, stratigraphy, lithology, well logs, England, United Kingdom  
 Organization: National Geoscience Data Centre (NGDC) of BGS  
 Center Type: Information center, library  
 Address: Keyworth, Nottingham NG 12 5GG, England  
 Coverage: National, local  
 Territory: England  
 Time Period: Begin: 1983 End: Present  
 Volume: 5,500 records  
 Updates: Continuously  
 Computers: Mimer  
 Output: Batch  
 Language: English  
 Availability: Open (national), fees

Reference: UK 6

Database: Biostratigraphy Reports Index  
 Data Type: Text Bibliographic  
 Acronym: Biostratigraphy Reports Index (BGS Dataset Ref. No. 372)  
 Data Subject: Palaeontology, regional and mapping geology, geosciences  
 Subjects: Index to BGS reports on palaeontological examinations of specimens & materials  
 Keywords: Bibliography, catalogue, reports, biostratigraphy, palaeontology, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey

United Kingdom (Continued)

Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Biostratigraphy & Sedimentology Group (S.P. Tunnicliffe)  
 Coverage: International data  
 Territory: World  
 Time Period: Begin: 1960 End: 1989  
 Volume: 9567 entries  
 Updates: Static  
 Computers: VAX  
 Software: Oracle  
 Output: Online search (interactive), machine readable  
 Language: English  
 Availability: Restricted, network accessible

Reference: UK 7 Entry Number: 228

Database: Blacknest Seismological Database  
 Data Type: Numeric Bibliographic  
 Data Subject: Geophysics  
 Subjects: Seismology data, unclassified reports; full original recording from Yellow Knife (Canada), Gauibinadur (India), and Warramunga (Australia) arrays  
 Keywords: Seismology, earthquakes, seismograms, United Kingdom  
 Organization: Blacknest Seismological Centre  
 Center Name: Blacknest Seismological Centre  
 Center Type: Regional institute  
 Address: M.O.D.(PE), Blacknest, Brimpton, Reading RG7 4RS, U.K.  
 Telex: 848104 ATEN  
 Coverage: National  
 Territory: United Kingdom  
 Output: Online, bulletins  
 Language: English  
 Availability: Open, network

Reference: UK 8

Database: Borehole Materials Register  
 Data Type: Text Bibliographic  
 Acronym: Registered Core Specimen Database (BGS Data Ref. Nos 5, 369)  
 Data Subject: Regional and mapping geology, geoscience, stratigraphy  
 Subjects: Index to registered collection(s) of borehole drill-core  
 Keywords: Boreholes, cores, catalogue, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: NGRC South (S.E. Hollyer)

United Kingdom (Continued)

Coverage: National data  
Territory: UK  
Volume: 5077 entries  
Updates: Active  
Computers: VAX  
Software: Oracle  
Output: Online search (interactive), machine readable  
Language: English  
Availability: Restricted

Reference: UK 9

Database: Borehole Notifications and Accessions  
Data Type: Text Bibliographic  
Acronym: Borehole Databases (BGS Dataset Ref. No. 3 & 4)  
Data Subject: Regional and mapping geology, geosciences, stratigraphy  
Subjects: Details of new borehole records lodged with BGS or notified under UK statute  
Keywords: Borehole sections, catalogue, United Kingdom  
Organization: British Geological Survey  
Center Name: British Geological Survey  
Center Type: Geological Survey  
Address: Keyworth, Nottingham, NG12 5GG  
Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
Contact: NGRC South  
Coverage: National data  
Territory: UK  
Volume: 5,000  
Updates: Active  
Computers: VAX  
Software: Oracle  
Output: Online search (interactive), machine readable  
Language: English  
Availability: Restricted, fees charged

Reference: UK 10

Database: British Earthquakes  
Data Type: Numeric  
Acronym: Contemporary British Earthquakes  
Data Subject: Geophysics  
Subjects: UK earthquakes instrumentally recorded by BGS; phase data Contemporary British Earthquakes (BGS Dataset Ref. No. 455); British Earthquakes Phase Data (BGS Dataset Ref. No. 456)  
Keywords: Geophysics, geophysical surveys, seismology, seismicity, United Kingdom  
Organization: British Geological Survey  
Center Name: British Geological Survey  
Center Type: Geological Survey

United Kingdom (Continued)

Address: Murchison House, West Mains Road, Edinburgh, EH9 3LA  
Telephone: 031-667-1000 Fax: 031-668-2683 Telex: 727343 SEISED G  
Contact: Global Seismology Group (T. Turbitt)  
Coverage: National data  
Territory: UK  
Volume: 5,000 events  
Updates: Active  
Computers: VAX  
Software: ASCII  
Output: Machine readable, published data bulletins  
Language: English  
Availability: Open to all users, fees charged

Reference: UK 11

Database: British Institutions Reflection Profiling Syndicate Data  
Data Type: Text Bibliography Numeric  
Acronym: BIRPS Navigation (BGS Dataset Ref. No. 95)  
Data Subject: Marine geology, geophysics  
Subjects: Positional data for BIRPS seismic surveys  
Keywords: Maps, cartography, offshore, marine, geophysics, geophysical surveys, United Kingdom  
Organization: British Geological Survey  
Center Name: British Geological Survey  
Center Type: Geological Survey  
Address: Murchison House, West Mains Road, Edinburgh, EH9 3LA  
Telephone: 031-667-1000 FAX: 031-668-2683 Telex: 727343 SEISED G  
Contact: Regional Geophysics Group (A.S. Mould/I.F. Smith)  
Coverage: National data  
Territory: UK Continental Shelf  
Updates: Active  
Computers: VAX  
Software: ASCII  
Output: Machine readable  
Language: English  
Availability: Open to all users, fees charged

Reference: UK 12

Database: Cambridge Arctic Shelf Program Georecords Database  
Data Type: Bibliographic  
Acronym: CASP GEORECORDS  
Subjects: Arctic and Antarctic published and open unpublished documents, articles, maps, reports, and specimen descriptions, etc  
Keywords: Arctic environment, Antarctica, oceanography, sampling, stratigraphy, mineral resources, United Kingdom

United Kingdom (Continued)

Organization: University of Cambridge, Department of Earth Sciences  
Center Name: University of Cambridge  
Center Type: University, special schools  
Address: West Building, Gravel Hill, Huntington Road, CAMBRIDGE CB3 0DJ  
Telephone: /0223/277586  
Contact: Marla Weston  
Coverage: International  
Territory: Arctic and Antarctic Regions  
Time Period: Begin: 1988 End: Present  
Updates: Monthly  
Computers: IBM-PC  
Software: dBASE III Plus, under Clipper, DOS 3.3 - ATLAS Workstation  
Output: Batch, published data bulletins  
Language: English  
Availability: Open, fees (subscription)

Reference: UK 13

Database: Continuous/bulk Onshore Drill Core Register  
Data Type: Text Bibliographic  
Acronym: Continuous/bulk Onshore Drill Core Register (BGS Ref. No. 8)  
Data Subject: Regional and mapping geology, geosciences, stratigraphy  
Subjects: Index to unprocessed borehole-derived materials  
Keywords: Boreholes, cores, catalogue, United Kingdom  
Organization: British Geological Survey  
Center Name: British Geological Survey  
Center Type: Geological Survey  
Address: Keyworth, Nottingham, NG12 5GG  
Telephone: 0602-363100 FAX: 0602-363200 Telex: 378173 BGSKEY G  
Contact: NGRC South (S.E. Hollyer)  
Coverage: National data  
Territory: UK  
Volume: 2,880 boreholes  
Updates: Active  
Computers: VAX  
Software: Oracle  
Output: Online search (interactive), machine readable  
Language: English  
Availability: Restricted, network accessible

Reference: UK 14

Database: Digital Waveform Data  
Data Type: Numeric

United Kingdom (Continued)

Acronym: Digital Waveform Data (BGS Dataset Ref. No. 461, 754)  
Data Subject: Geophysics  
Subjects: Digital earthquake recordings made by BGS  
Keywords: Geophysics, geophysical surveys, seismology, seismicity, United Kingdom  
Organization: British Geological Survey  
Center Name: British Geological Survey  
Center Type: Geological Survey  
Address: Murchison House, West Mains Road, Edinburgh, EH9 3LA  
Telephone: 031-667-1000 Fax: 031-668-2683 Telex: 727343 SEISED G  
Contact: Global Seismology Group (T. Turbitt)  
Coverage: International data  
Territory: World  
Volume: 2Gbyte  
Updates: Active  
Computers: VAX  
Software: ASCII  
Output: Machine readable  
Language: English  
Availability: Open to all users with some restrictions, fees charged

Reference: UK 15

Database: Digitized Geological Maps  
Data Type: Cartographic Numerical  
Acronym: Digital Maps  
Data Subject: Regional geology, mapping geology  
Subjects: Digitised geological maps at various scales: 1:625 000 (all UK); 1:250 000 (selected regions); 1:50 000 and 1:10 000 (selected areas); digitized thematic mapping at 1:25 000 (selected areas)  
Keywords: Geological map, Geological Survey, United Kingdom  
Organization: British Geological Survey  
Center Name: British Geological Survey  
Center Type: Geological Survey  
Address: Keyworth, Nottingham, NG12 5GG  
Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
Contact: Cartographic Services (K. Becken)  
Coverage: Regional data; national data  
Territory: UK  
Updates: New areas being actively added to the holding  
Computers: Intergraph Workstation/PC  
Software: Intergraph Microstation  
Output: Machine readable  
Language: English  
Availability: Available under licencing agreements



United Kingdom (Continued)

Reference: UK 16  
Database: Digitized Geophysical Borehole Logs  
Data Type: Numeric  
Acronym: Digitized Geophysical Borehole Logs (BGS Dataset Ref. No. 354)  
Data Subject: Geophysics  
Subjects: Digitized geophysical borehole logs - deep boreholes  
Keywords: Borehole section, boreholes, geophysics, geophysical surveys, United Kingdom  
Organization: British Geological Survey  
Center Name: British Geological Survey  
Center Type: Geological Survey  
Address: Keyworth, Nottingham, NG12 5GG  
Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
Contact: Tectonics & Database Group (C.J. Evans)  
Coverage: National data  
Territory: UK & Continental Shelf  
Volume: 4 million VAX blocks  
Updates: Active plus archive  
Computers: VAX  
Software: WELLOG  
Output: Online search (interactive), machine readable, graphics  
Language: English  
Availability: Restricted

Reference: UK 17  
  
Database: Enhanced Satellite Imagery Data  
Data Type: Numeric  
Acronym: Satellite Digital Data (BGS Dataset Ref. No. 116)  
Data Subject: Remote sensing  
Subjects: Digitally enhanced data from Landsat imagery  
Keywords: Remote sensing, satellite imagery, Landsat TM, United Kingdom  
Organization: British Geological Survey  
Center Name: British Geological Survey  
Center Type: Geological Survey  
Address: Keyworth, Nottingham, NG12 5GG  
Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
Contact: Remote Sensing Group (D. Greenbaum)  
Coverage: International data  
Territory: UK and selected regions/countries  
Volume: Over 100 tapes  
Updates: Active  
Computers: VAX  
Software: Special format  
Output: Machine readable  
Language: English  
Availability: Open to all users with some restrictions, fees charged

# United Kingdom (Continued)

**Reference:** UK 19  
**Database:** Field Maps Index  
**Data Type:** Text Bibliographic  
**Acronym:** Field Slips Database (BGS Dataset Ref. No. 11)  
**Data Subject:** Regional geology, mapping geology, general geosciences  
**Subjects:** Index to original 1:10000 and equivalent scale Geological Survey field map collection  
**Keywords:** Bibliography, catalogue, geological map, Geological Surveys, United Kingdom  
**Organization:** British Geological Survey  
**Center Name:** British Geological Survey  
**Center Type:** Geological Survey  
**Address:** Keyworth, Nottingham, NG12 5GG  
**Telephone:** 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
**Contact:** NGRC South  
**Coverage:** National data  
**Territory:** UK (England)  
**Volume:** 20,343 records  
**Updates:** Active  
**Computers:** VAX  
**Software:** Oracle  
**Output:** Online search (interactive), machine readable  
**Language:** English  
**Availability:** Restricted

**Reference:** UK 18  
**Database:** FLOTATION Reagent Database  
**Data Type:** Numeric  
**Acronym:** FREDA  
**Data Subject:** Non-metallic Min. Resources, Mineralogy, Geochemistry, Isotope  
**Subjects:** Flotation Practice Information, operating conditions, minerals separated and lists metallurgical results for products and intermediate flowstreams. Catalogues chemical properties and commercial facts about reagents  
**Keywords:** Flotation, reagents, beneficiation, metal ore, mineral deposits, chemical composition, United Kingdom  
**Organization:** Warren Spring Laboratory  
**Center Name:** Warren Spring Laboratory  
**Center Type:** Research institute  
**Address:** Gunnels Wood Road, Stevange, Hertshireford SG1 2BX, UK  
**Telephone:** 0438-741122 Telex No. 82250  
**Contact:** Steve Barber  
**Coverage:** International  
**Territory:** Worldwide  
**Time Period:** Begin: 1970 End: Present  
**Volume:** 600 records  
**Updates:** Continuously  
**Computers:** VAX minicomputer  
**Software:** RDMS (derived from dBASE IV)  
**Output:** Interactive, compilations  
**Language:** English

# United Kingdom (Continued)

Availability: Open, fees

Reference: UK 20

Database: GEOBASE  
 Data Type: Bibliographic  
 Data Subject: General Ggeosciences, Environmental Geology, Geomorphology  
 Ssubjects: A comprehensive earth science database, taking in geology, physical heman geology, ecology, and environmental selated  
 Keywords: Geology, geography, ecology, environment, hydrology, geomorphology, United Kingdom  
 Organization: Elseviergeo Abstracts  
 Center Name: Regency House  
 Center Type: Private company  
 Address: 34 Duke Street, Norwich NR 3 3 AP, Norfolk, United Kingdom  
 Telephone: +603-626327 Telex: 975247  
 Contact: Ian B. Woods  
 Coverage: International  
 Time Period: Begin: 1980 End: Present  
 Volume: 400,000 records IKB each  
 Updates: Monthly  
 Computers: Available on international hosts  
 Software: Dialog, Orbit Search Service, and ESA/IRS  
 Output: Online search  
 Language: English  
 Availability: Open, fees

Reference: UK 21

Database: Geochemical Survey Database  
 Data Type: Numeric  
 Acronym: Geochemical Survey Database (BGS Dataset Ref. No. 213)  
 Data Subject: Metallic minerals, mineralogy, geochemistry  
 Subjects: Stream sediment and water sample geochemical survey data  
 Keywords: Samples, geochemistry, geochemical analysis, geochemical surveys, hydrogeology, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Geochemistry Group (J.S. Coats)  
 Coverage: National data  
 Territory: UK  
 Volume: 600,000 samples  
 Updates: Active  
 Computers: VAX  
 Software: Oracle  
 Output: Online search (interactive), machine readable  
 Language: English

# United Kingdom (Continued)

Availability: Restricted

Reference: UK 22

Database: Geohazard Susceptibility Package, Version 1.0  
 Data Type: Cartographic Numeric  
 Acronym: GHASP 1  
 Data Subject: Engineering and environmental geology  
 Subjects: Ground instability susceptibility by post-code sectors  
 Keywords: Geotechnical survey, engineering geology, geology, hazards, subsidence, instability, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: keywords, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Marketing Division (A.Wadge)  
 Coverage: National data  
 Territory: UK (Great Britain)  
 Volume: 30Mbyte  
 Updates: Yearly  
 Computers: IBM-PC Mac/Unix  
 Software: Microstation/Oracle; Microstation/dBase; Tactician, Mapinfo  
 Output: Diskettes supplied under licence  
 Language: English  
 Availability: Restricted, fees charged

Reference: UK 23

Database: Geomagnetic Observatory Data  
 Data Type: Numeric  
 Acronym: Magnetic Activity Indices (BGS Dataset Ref. No. 331)  
 Data Subject: Geophysics  
 Subjects: Geomagnetic activity indices  
 Keywords: Geomagnetism, geophysics, geophysical surveys, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Murchison House, West Mains Road, Edinburgh, EH9 3LA  
 Telephone: 031-667-1000 Fax: 031-668-4368 Telex: 727343 SEISED G  
 Contact: Geomagnetism Group (D.R. Barraclough)  
 Coverage: International data  
 Territory: World  
 Time Period: Begin: 1868 End: Present  
 Updates: Active  
 Computers: VAX  
 Software: Oracle

United Kingdom (Continued)

Output: Machine readable, published data bulletins  
Language: English  
Availability: Open to all users with some restrictions, fees may be charged

Reference: UK 24

Database: Geomagnetic Observatory Data  
Data Type: Numeric  
Acronym: Observatory Annual Means (See Subjects)  
Data Subject: Geophysics  
Subjects: Geomagnetic observations, indices & values from UK and overseas observatories.  
Observatory Annual Means (BGS Dataset Ref. No. 147) Hourly Values Worldwide  
(BGS Dataset Ref. No. 333) UK Observatories Hourly and Minute Values (BGS Dataset  
Ref. No. 335 & 336)  
Keywords: Geomagnetism, geophysics, geophysical surveys, United Kingdom  
Organization: British Geological Survey  
Center Name: British Geological Survey  
Center Type: Geological Survey  
Address: Murchison House, West Mains Road, Edinburgh, EH9 3LA  
Telephone: 031-667-1000 Fax: 031-668-4368 Telex: 727343 SEISED G  
Contact: Geomagnetism Group (D.R. Barraclough)  
Coverage: International data  
Territory: World  
Time Period: Begin: 1913 End: Present  
Volume: 1835Mbyte  
Updates: Active  
Computers: VAX  
Software: Oracle  
Output: Machine readable, published data bulletins  
Language: English  
Availability: Open to all users with some restrictions, fees may be charged

Reference: UK 25

Database: Geomagnetic Survey Data Worldwide  
Data Type: Numeric  
Acronym: Geomagnetic Survey Data Worldwide (BGS Dataset Ref. No. 146)  
Data Subject: Geophysics  
Subjects: Land, marine and airborne magnetic observations  
Keywords: Geomagnetism, geophysics, geophysical surveys, United Kingdom  
Organization: British Geological Survey  
Center Name: British Geological Survey  
Center Type: Geological Survey  
Address: Murchison House, West Mains Road, Edinburgh, EH9 3LA  
Telephone: 031-667-1000 Fax: 031-668-4368 Telex: 727343 SEISED G  
Contact: Geomagnetism Group (D.R. Barraclough)  
Coverage: International data

# United Kingdom (Continued)

Territory: World  
 Time Period: Begin: 1900 End: Present  
 Volume: 350,000 records  
 Updates: Active  
 Computers: VAX  
 Software: Oracle  
 Output: Machine readable  
 Language: English  
 Availability: Open to all users, fees charged

Reference: UK 26

Database: Geophysical Borehole Logging Data  
 Data Type: Numeric  
 Acronym: Borehole Geophysical Log Tapes (BGS Dataset Ref. No. 346)  
 Data Subject: Geophysics  
 Subjects: Digitally recorded geophysical log data for deep boreholes  
 Keywords: Borehole section, boreholes, geophysics, geophysical surveys, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Tectonics & Database Group (C.J. Evans)  
 Coverage: National data  
 Territory: UK & Continental Shelf  
 Volume: approx. 400 tapes  
 Updates: Active  
 Computers: VAX  
 Software: Sequential file  
 Output: Machine readable  
 Language: English  
 Availability: Restricted

Reference: UK 27

Database: Geotechnical Database  
 Data Type: Text Bibliographic  
 Acronym: Geotechnical Database (BGS Dataset Ref. No. 498)  
 Data Subject: Engineering geology  
 Subjects: Geotechnical parameter values for 12 regions of England & Wales  
 Keywords: Samples, borehole section, boreholes, core, geotechnical survey, engineering geology, geology, lithology, stratigraphy, physical properties, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG

United Kingdom (Continued)

Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
Contact: Engineering Geology & Geophysics Group  
Coverage: Regional data  
Territory: UK (England, Wales)  
Volume: 66,700 records  
Updates: Active  
Computers: IBM-PC  
Software: SMART  
Output: Online search (interactive), machine readable  
Language: English  
Availability: Open to all users with some restrictions, fees charged

Reference: UK 28

Database: Hard Rock Aggregates Databases  
Data Type: Text Bibliographic  
Acronym: Hard Rock Aggregates Database  
Data Subject: Non-metallic minerals, regional, mapping geology, stratigraphy  
Subjects: Locational and descriptive information for boreholes and sections in various hard rock formations (Culm Measures, Lower Greensand and others) in parts of England & Wales. Hard Rock Aggregates Database (BGS Ref. No. 580); Lower Greensand Data (BGS Dataset Ref. No. 575); Culm Measures Hard Rock Aggregate Database - CULM (BGS Dataset Ref. No. 576)  
Keywords: Aggregates, construction materials, samples, borehole section, boreholes, core, geology, coastlines, lithology, stratigraphy, physical properties, United Kingdom  
Organization: British Geological Survey  
Center Name: British Geological Survey  
Center Type: Geological Survey  
Address: Keyworth, Nottingham, NG12 5GG  
Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
Contact: Eastern England Group (M.D.A. Samuel)  
Coverage: Local & regional data  
Territory: UK  
Volume: Approximately 2,000 records  
Updates: Static  
Computers: VAX  
Software: Oracle  
Output: Online search (interactive), machine readable  
Language: English  
Availability: Open to all users with some restrictions, fees charged

Reference: UK 29

Database: Hydrogeochemical Database  
Data Type: Text Bibliographic  
Acronym: Hydrogeochemical Database  
Data Subject: Hydrogeology, geochemistry

# United Kingdom (Continued)

Subjects: Hydrogeochemical analyses from UK and overseas well samples  
 Keywords: Boreholes, hydrogeology, geochemistry, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Crowmarsh Gifford, Wallingford, OX10 8BB  
 Telephone: 0491-38800 Fax: 0491-25338 Telex: 849365 HYDRO G  
 Contact: Hydrogeology Group (A. McKenzie)  
 Coverage: Regional data  
 Territory: World  
 Volume: Large  
 Updates: Active  
 Computers: Unix  
 Software: Oracle  
 Output: Machine readable  
 Language: English  
 Availability: Open to all users with some restrictions, fees charged

Reference: UK 31

Database: Index to Palaeontological Type Specimens & Stratigraphic Coll  
 Data Type: Text Bibliographic  
 Acronym: (BGS Dataset Ref. Nos. 444 & 447)  
 Data Subject: Palaeontology, stratigraphy  
 Subjects: Index to Palaeontological Type Specimens and Stratigraphic Collections  
 Keywords: Bibliography, catalogue, samples, specimens, biostratigraphy, palaeontology, geology, stratigraphy, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Biostratigraphy & Sedimentology Group (D.K. Graham)  
 Coverage: Regional data  
 Territory: UK (Scotland)  
 Volume: 14,000 entries  
 Updates: Active  
 Computers: VAX  
 Software: Oracle  
 Output: Online search (interactive), machine readable  
 Language: English  
 Availability: Restricted

Reference: UK 30 Entry Number: 229

Database: ISC Database  
 Data Type:



# United Kingdom (Continued)

**Data Subject:** Geophysics  
**Subjects:** Seismic phase, hypocenter and macroseismic data. Location and relocation of earthquakes two years after occurrence. Sponsors from 40 countries. Catalogs, bulletins and maps are periodically produced mainly by computer  
**Keywords:** Seismology, earthquakes, seismograms, global, United Kingdom  
**Organization:** International Seismological Centre  
**Center Name:** International Seismological Centre  
**Center Type:** International organization  
**Address:** Newbury Rg13 1lx, Berkshire, U.K.  
**Telephone:** 0635-42547 Telex: 849303 seismo  
**Coverage:** International  
**Territory:** Global  
**Updates:** Continuously  
**Output:** Online, batch, bulletins  
**Language:** English  
**Availability:** Open, network

**Reference:** UK 32

**Database:** Land Survey Record Index - Scotland  
**Data Type:** Text Bibliographic  
**Acronym:** LSR (BGS Dataset Ref. No. 278)  
**Data Subject:** Regional and mapping geology, general geosciences  
**Subjects:** Index to miscellaneous Geological Survey records  
**Keywords:** Bibliography, catalogue, maps, publications, reports, borehole section, boreholes, core, geotechnical survey, site investigation, engineering geology, geology, geological map, lithology, stratigraphy, United Kingdom  
**Organization:** British Geological Survey  
**Center Name:** British Geological Survey  
**Center Type:** Geological Survey  
**Address:** Murchison House, West Mains Road, Edinburgh, EH9 3LA  
**Telephone:** 031-667-1000 Fax: 031-668-2683 Telex: 727343 SEISED G  
**Contact:** NGDC North  
**Coverage:** Regional data  
**Territory:** UK (Scotland)  
**Volume:** Approx. 35,000 records  
**Updates:** Active  
**Computers:** VAX  
**Software:** Oracle  
**Output:** Online search (interactive), machine readable  
**Language:** English  
**Availability:** Open to all users with some restrictions, fees charged

**Reference:** UK 33

**Database:** Large-scale Geological Map Index  
**Data Type:** Text Bibliographic

United Kingdom (Continued)

Acronym: Map Catalogue Database Index (BGS Dataset Ref. No. 22)  
Data Subject: Regional geology, mapping geology, general geosciences  
Subjects: Catalogue of 1:10000 and 1:10560 geological maps produced by BGS  
Keywords: Bibliography, catalogue, geological map, United Kingdom  
Organization: British Geological Survey  
Center Name: British Geological Survey  
Center Type: Geological Survey  
Address: Keyworth, Nottingham, NG12 5GG  
Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
Contact: Library (J. Hurst)  
Coverage: National data  
Territory: UK  
Volume: 23,567 entries  
Updates: Active  
Computers: VAX  
Software: Oracle  
Output: Online search (interactive), machine readable, data, bulletins  
Language: English  
Availability: Open to all users, restricted, free of charge

Reference: UK 34

Database: Limestone Resources Database  
Data Type: Numeric  
Acronym: Limestone (BGS Dataset Ref. No. 577)  
Data Subject: Non-metallic minerals, regional, mapping geology, stratigraphy  
Subjects: Chemical analyses of high purity limestones from boreholes, quarries and outcrops  
Keywords: Samples, biostratigraphy, palaeontology, borehole, section boreholes, core, chemical properties, geochemistry, geochemical analysis, geology, lithology, stratigraphy, physical properties, United Kingdom  
Organization: British Geological Survey  
Center Name: British Geological Survey  
Center Type: Geological Survey  
Address: Keyworth, Nottingham, NG12 5GG  
Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
Contact: Eastern England Group (M.D.A. Samuel)  
Coverage: Regional data  
Territory: UK (England, Wales)  
Volume: 3,733 sample analyses  
Updates: Static  
Computers: VAX  
Software: Oracle  
Output: Online search (interactive), machine readable  
Language: English  
Availability: Restricted

United Kingdom (Continued)

Reference: UK 35

Database: Local Geophysical Surveys Index  
 Data Type: Numeric  
 Acronym: Local Geophysical Surveys Index (BGS Dataset Ref. No. 180)  
 Data Subject: Geophysics  
 Subjects: British National Grid co-ordinates of survey lines for BGS local geophysical surveys (exploration, engineering geology, mapping) plus details of survey type and date. Data from BGS and antecedent bodies only  
 Keywords: Geophysics, geophysical surveys, catalogue, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Engineering Geology & Geophysics Group (A.D. Evans)  
 Coverage: Local data  
 Territory: UK  
 Volume: 10,000 records  
 Updates: Active  
 Computers: VAX  
 Software: Oracle  
 Output: Online search (interactive), machine readable  
 Language: English  
 Availability: Open to all users with some restrictions

Reference: UK 36

Database: Mine Plans Index  
 Data Type: Text Bibliographic  
 Acronym: Plans Database Index (BGS Dataset Ref. No. 277)  
 Data Subject: Environmental geology, regional geology, mapping geology  
 Subjects: Index to non-coal mine plans & miscellaneous plans collection  
 Keywords: Bibliography, catalogue, mine plans, maps, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Murchison House, West Mains Road, Edinburgh, EH9 3LA  
 Telephone: 031-667-1000 Fax: 031-668-2683 Telex: 727343 SEISED G  
 Contact: NGRC North  
 Coverage: Regional data  
 Territory: UK (Scotland)  
 Volume: 2,730 entries  
 Updates: Active  
 Computers: VAX  
 Software: Oracle  
 Output: Online search, machine readable, printed compilations  
 Language: English  
 Availability: Open to all users, free of charge

# United Kingdom (Continued)

Reference: UK 37

Database: Mineral Reconnaissance Program Database  
 Data Type: Text Bibliographic  
 Acronym: MRP Database (BGS Dataset Ref. No. 243)  
 Data Subject: Metallic minerals, geochemistry  
 Subjects: Geochemical data on overburden, drill-core and drainage samples from mineral reconnaissance surveys  
 Keywords: Samples, boreholes, core, geochemistry, geochemical analysis geochemical surveys, geology, lithology, stratigraphy, lithogeochemistry, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Minerals Group (J.S. Coats)  
 Coverage: National data  
 Territory: UK  
 Volume: 185,000 samples  
 Updates: Active  
 Computers: VAX  
 Software: Oracle  
 Output: Online search (interactive), machine readable  
 Language: English  
 Availability: Open to all users with some restrictions, fees charged

Reference: UK 38

Database: National Aeromagnetic Databank  
 Data Type: Text Bibliographic  
 Acronym: National Aeromagnetic Databank (BGS Dataset Ref. No. 758)  
 Data Subject: Geophysics, remote sensing  
 Subjects: Aeromagnetic data for UK & Continental Shelf  
 Keywords: Geomagnetism, geophysics, geophysical surveys, remote sensing, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Regional Geophysics Group (I.F. Smith)  
 Coverage: National data  
 Territory: UK & Continental Shelf  
 Volume: 300,000 records  
 Updates: Active  
 Computers: VAX  
 Software: Oracle  
 Output: Machine readable  
 Language: English  
 Availability: Restricted

United Kingdom (Continued)

Reference: UK 39

Database: National Gravity Databank  
Data Type: Numeric  
Acronym: National Gravity Databank (BGS Dataset Ref. No. 185)  
Data Subject: Geophysics  
Keywords: Geophysics, geophysical surveys, gravity, United Kingdom  
Center Name: British Geological Survey  
Center Type: Geological Survey  
Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
Contact: Regional Geophysics Group (I.F. Smith)  
Coverage: National data  
Territory: UK  
Volume: 160,000 stations  
Updates: Active  
Computers: VAX  
Output: Machine readable  
Language: English  
Availability: Open to all users with some restrictions, fees charged

Reference: UK 40 Entry Number: 226

Database: Natural Calcic Amphiboles  
Data Type: Numeric  
Data Subject: Mineralogy Petrology  
Subjects: Chemical analyses of calcic amphiboles with more than 6.00 wt % cao  
Keywords: Amphiboles, calcic composition, petrochemistry, silicates, chemical composition, United Kingdom  
Organization: University of Glasgow, Department of Geology  
Center Type: University, special schools  
Address: Lilybank Gardens, Glasgow G12 8QQ, U.K.  
Telephone: 041-3398855/5435  
Contact: B. E. Leake, C. M. Farrow  
Coverage: International  
Territory: Global  
Volume: 5,000 records with 150 bytes per record  
Updates: Irregularly  
Computers: VAX 11/750  
Software: Unix  
Output: Batch, compilations  
Language: English  
Availability: Restricted, free

Reference: UK 41

Database: Offshore Geophysical Line Data

# United Kingdom (Continued)

**Data Type:** Text Bibliography Numeric  
**Acronym:** Non-BGS Geophysical Line Data (BGS Dataset Ref. 98, 775, 94)  
**Data Subject:** Marine geology, geophysics  
**Subjects:** Offshore depth, gravity & magnetism from BGS & non-BGS sources  
**Keywords:** Offshore, marine, geomagnetism, geophysics, geophysical surveys, gravity, ceanography, United Kingdom  
**Organization:** British Geological Survey  
**Center Name:** British Geological Survey  
**Center Type:** Geological Survey  
**Address:** Keyworth, Nottingham, NG12 5GG  
**Telephone:** 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
**Contact:** Regional Geophysics (A.S. Mould/I.F. Smith)  
**Coverage:** National data  
**Territory:** UK Continental Shelf  
**Updates:** Active  
**Computers:** VAX  
**Software:** Oracle  
**Output:** Online search (interactive), machine readable  
**Language:** English  
**Availability:** Open to all users with some restrictions, fees charged

**Reference:** UK 42

**Database:** Offshore Regional Mapping Data  
**Data Type:** Text Bibliographic  
**Acronym:** Marine Geotechnical Data (BGS Dataset Ref. No. 323, 324, 727)  
**Data Subject:** Marine, engineering, regional and mapping geology  
**Subjects:** Geotechnical test results and physical sample analyses of marine samples; descriptions of shallow offshore borehole core; locational and administrative data  
**Keywords:** Samples, borehole section, boreholes, core, geotechnical survey, offshore, marine, geology, lithology, stratigraphy, physical properties, United Kingdom  
**Organization:** British Geological Survey  
**Center Name:** British Geological Survey  
**Center Type:** Geological Survey  
**Address:** Keyworth, Nottingham, NG12 5GG  
**Telephone:** 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
**Contact:** Marine Geology & Operations Group (C. Graham)  
**Coverage:** National data  
**Territory:** UK Continental Shelf  
**Volume:** Up to 40,000 records  
**Updates:** Active  
**Computers:** VAX  
**Software:** Oracle  
**Output:** Online search (interactive), machine readable  
**Language:** English  
**Availability:** Open to all users with some restrictions, fees charged

# United Kingdom (Continued)

Reference: UK 43

Database: Offshore Seismic Track Index  
 Data Type: Text Bibliographic  
 Acronym: Seismic Track Index (BGS Dataset Ref. No. 723)  
 Data Subject: Marine geology, geophysics  
 Subjects: Index to BGS offshore geophysical survey tracks  
 Keywords: Catalogue, maps, cartography, offshore, marine, geophysics, geophysical surveys, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Marine Geology & Operations Group (C. Graham)  
 Coverage: National data  
 Territory: UK Continental Shelf  
 Volume: 1 million positions  
 Updates: Active  
 Computers: VAX  
 Software: Oracle  
 Output: Online search (interactive), machine readable  
 Language: English  
 Availability: Open to all users, fees charged

Reference: UK 44

Database: Onshore Scottish Boreholes Databank  
 Data Type: Text Bibliographic  
 Acronym: Onshore Scottish Boreholes Databank (BGS Dataset Ref. No. 165)  
 Data Subject: Structural, regional and mapping geology, tectonics  
 Subjects: Borehole locational information and sections  
 Keywords: Catalogue, borehole section, boreholes, geology, lithology, stratigraphy, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Murchison House, West Mains Road, Edinburgh, EH9 3LA  
 Telephone: 031-667-1000 Fax: 031-668-2683 Telex: 727343 SEISED G  
 Contact: NGRC North (E.P. Smith)  
 Coverage: Regional data  
 Territory: UK (Scotland)  
 Volume: 200,000 records  
 Updates: Active  
 Computers: VAX  
 Output: Online search (interactive), machine readable  
 Language: English  
 Availability: Restricted, fees charged

# United Kingdom (Continued)

Reference: UK 45

Database: Overseas Gravity, Magnetic & Radiometric Surveys  
 Data Type: Text Bibliography Numeric  
 Acronym: Digital Overseas Surveys (BGS Dataset Ref. No. 273)  
 Data Subject: Geophysics, remote sensing  
 Subjects: Digitized data from airborne & other regional gravity, magnetic & radiometric surveys  
 Keywords: Geomagnetism, geophysics, geophysical surveys, gravity, radiometric, remote sensing, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Regional Geophysics (I.F. Smith)  
 Coverage: International data  
 Territory: World, several countries  
 Updates: Static  
 Computers: VAX  
 Software: ASCII  
 Output: Machine readable  
 Language: English  
 Availability: Open to all users with some restrictions, fees charged

Reference: UK 46

Database: Pellite Metamorphism Database  
 Data Type: Text Bibliographic  
 Acronym: Pellite Metamorphism Database (BGS Dataset Ref. No. 266)  
 Data Subject: Petrology, regional geology  
 Subjects: Surveys of metamorphism in slate, Lake District, NW England  
 Keywords: Samples, geochemistry, geochemical analysis, geochemical surveys, petrology, mineralogy, lithology, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Petrology & Mineralogy Group (N.J. Fortey)  
 Coverage: Regional data  
 Territory: UK (England)  
 Volume: 2,500 entries  
 Updates: Active  
 Computers: VAX  
 Software: Oracle  
 Output: Machine readable  
 Language: English  
 Availability: Restricted



# United Kingdom (Continued)

Reference: UK 47

Database: Petrological & Mineralogical Collections Index  
 Data Type: Text Bibliographic  
 Acronym: PetMin (BGS Dataset Ref. Nos. 186, 301, 742, 744, 765, 768)  
 Data Subject: Mineralogy, petrology, geochemistry  
 Subjects: Index to BGS collections of rock and mineral thin sections, etc; identifications, bibliographic references  
 Keywords: Bibliography, catalogue, reports, samples, specimens, chemical properties, geochemistry, geochemical analysis, geology, lithology, petrology, mineralogy, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Petrology & Mineralogy Group (G.E. Strong/B. Beddoe-Stephens)  
 Coverage: International data  
 Territory: UK & World  
 Volume: >185,000 samples  
 Updates: Active  
 Computers: VAX  
 Software: Oracle  
 Output: Online search (interactive), machine readable  
 Language: English  
 Availability: Open to all users with some restrictions, fees charged

Reference: UK 48 Entry Number: 225

Database: Petrology Chemical Analysis Database  
 Data Type: Numeric  
 Acronym: PETBANK  
 Data Subject: Petrology, Geochemistry  
 Subjects: Chemical analyses of rocks and minerals for the U.K.  
 Keywords: Petrochemistry, silicates, chemical composition, United Kingdom  
 Organization: Institute of Geological Sciences  
 Center Type: Geological Survey  
 Address: Exhibition Road, London SW7 2DE, England  
 Territory: England, Wales, Scotland, Northern Ireland, offshore  
 Time Period: Not listed  
 Volume: 3,000 records  
 Language: English

Reference: UK 49

Database: Quaternary Palaeontology Database - Scotland  
 Data Type: Text Bibliographic

United Kingdom (Continued)

**Acronym:** Quaternary Fauna Database (BGS Dataset Ref. No. 111)  
**Data Subject:** Palaeontology, stratigraphy  
**Subjects:** Fossil identifications  
**Keywords:** Catalogue, reports, samples, specimens, biostratigraphy, palaeontology, geology, stratigraphy, United Kingdom  
**Organization:** British Geological Survey  
**Center Name:** British Geological Survey  
**Center Type:** Geological Survey  
**Address:** Murchison House, West Mains Road, Edinburgh, EH9 3LA  
**Telephone:** 031-667-000 Fax: 031-668-2683 Telex: 727343 SEISED G  
**Contact:** Biostratigraphy & Sedimentology Group (D.K. Graham)  
**Coverage:** Regional data  
**Territory:** UK (Scotland)  
**Volume:** 620Kbyte  
**Updates:** Active  
**Computers:** IBM-PC  
**Software:** ASCII  
**Output:** Machine readable  
**Language:** English  
**Availability:** Restricted

**Reference:** UK 50

**Database:** Regional Borehole Records Databases  
**Data Type:** Text Bibliographic  
**Acronym:** Several (BGS Dataset Ref. Nos. 211, 554, 579, 617, 642, 643)  
**Data Subject:** Structural, regional and mapping geology, tectonics  
**Subjects:** Borehole locational data and geological sections for regional surveys in selected areas  
**Keywords:** Borehole section, boreholes, geology, lithology, stratigraphy, United Kingdom  
**Organization:** British Geological Survey  
**Center Name:** British Geological Survey  
**Center Type:** Geological Survey  
**Address:** Keyworth, Nottingham, NG12 5GG  
**Telephone:** 0602-363100 FAX: 0602-363200 Telex: 378173 BGSKEY G  
**Contact:** Tectonics & Database Group (D.J. Lowe)  
**Coverage:** Regional data  
**Territory:** UK (England)  
**Volume:** 31,000 records  
**Updates:** Various  
**Computers:** VAX  
**Software:** Oracle & sequential files  
**Output:** Online search (interactive), machine readable  
**Language:** English  
**Availability:** Restricted

# United Kingdom (Continued)

Reference: UK 51

Database: Satellite Geomagnetic Data  
 Data Type: Numeric  
 Acronym: Satellite Data (BGS Dataset Ref. No. 145)  
 Data Subject: Geophysics  
 Subjects: Geomagnetic data collected by satellites  
 Keywords: Geomagnetism, geophysics, geophysical surveys, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Murchison House, West Mains Road, Edinburgh, EH9 3LA  
 Telephone: 031-667-1000 Fax: 031-668-4368 Telex: 727343 SEISED G  
 Contact: Geomagnetism Group (D.R. Barraclough)  
 Coverage: International data  
 Territory: World  
 Time Period: Begin: 1959 End: Present  
 Volume: 50Mbyte  
 Updates: Active  
 Computers: VAX  
 Software: ASCII  
 Output: Machine readable  
 Language: English  
 Availability: Open to all users, fees charged

Reference: UK 52

Database: Scottish Onshore Boreholes Databank  
 Data Type: Text Bibliographic  
 Acronym: Scottish Onshore Boreholes Databank (BGS Dataset Ref. No. 165)  
 Data Subject: Tectonics; structural, regional and mapping geology  
 Subjects: Borehole locational information and sections  
 Keywords: Catalogue, borehole section, boreholes, geology, lithology, stratigraphy, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Murchison House, West Mains Road, Edinburgh, EH9 3LA  
 Telephone: 031-667-1000 Fax: 031-668-2683 Telex: 727343 SEISED G  
 Contact: Tectonics & Database (E.P. Smith)  
 Coverage: Regional data  
 Territory: UK (Scotland)  
 Volume: 100,000 boreholes  
 Updates: Active  
 Computers: VAX  
 Software: Oracle  
 Output: Online search (interactive), machine readable  
 Language: English  
 Availability: Restricted, fees charged

# United Kingdom (Continued)

Reference: UK 53

Database: Scottish Quarries Digital Database  
 Data Type: Text Bibliographic  
 Acronym: Scottish Quarries Digital Database (BGS Dataset Ref. No. 171)  
 Data Subject: Non-metallic minerals, Quaternary, regional & mapping geology  
 Subjects: Details of hard rock and unconsolidated aggregate quarries  
 Keywords: Aggregates, construction materials, samples, geology, lithology, stratigraphy, physical properties, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Murchison House, West Mains Road, Edinburgh, EH9 3LA  
 Telephone: 031-667-1000 Fax: 031-668-2683 Telex: 727343 SEISED G  
 Contact: NGRC North (C.G. Smith)  
 Coverage: Regional data  
 Territory: UK (Scotland, Northern England)  
 Updates: Active  
 Computers: VAX  
 Output: Machine readable  
 Language: English  
 Availability: Restricted

Reference: UK 54

Database: Site Investigation (Geotechnical) Surveys Reports Index  
 Data Type: Text Bibliographic  
 Acronym: Site Investigation Reports Database (BGS Dataset Ref. No. 7)  
 Data Subject: Engineering and environmental geology, general geosciences  
 Subjects: Index to non-BGS geotechnical site investigation reports collection  
 Keywords: Bibliography, catalogue, geotechnical survey, site investigation, engineering geology, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: NGRC South  
 Coverage: National data  
 Territory: UK  
 Volume: 4,688 entries  
 Updates: Active  
 Computers: VAX  
 Software: Oracle  
 Output: Online search (interactive), machine readable  
 Language: English  
 Availability: Open to all users, free of charge

# United Kingdom (Continued)

Reference: UK 55

Database: Southern Uplands Geochemical Database  
 Data Type: Numeric  
 Acronym: Southern Uplands Geochemical Database (BGS Ref. No. 207)  
 Data Subject: Metallic minerals, mineralogy, geochemistry  
 Subjects: Geochemical analyses of Southern Upland (Scotland) rocks - mostly greywackes  
 Keywords: Samples, boreholes, core, geochemistry, geochemical analysis, geochemical surveys  
 geology, lithology, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Murchison House, West Mains Road, Edinburgh, EH9 3LA  
 Telephone: 031-667-1000 Fax: 031-668-2683 Telex: 727343 SEISED G  
 Contact: Central & South Scotland & Cumbria Group (J.D. Floyd)  
 Coverage: Regional data  
 Territory: UK (Scotland)  
 Updates: Static  
 Computers: VAX  
 Software: ASCII  
 Output: Machine readable  
 Language: English  
 Availability: Restricted

Reference: UK 56

Database: UK Potential Field Grids  
 Data Type: Numeric  
 Acronym: UK Potential Field Grids (BGS Dataset Ref. No. 91)  
 Data Subject: Geophysics, regional and mapping geology  
 Subjects: Gravity and aeromagnetic survey data, potential field grids  
 Keywords: Maps, geomagnetism, geophysics, geophysical surveys, gravity, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Regional Geophysics Group  
 Coverage: National data  
 Territory: UK  
 Updates: Static  
 Computers: VAX  
 Software: Oracle  
 Output: Online search (interactive), machine readable  
 Language: English  
 Availability: Open to all users with some restrictions, fees charged

# United Kingdom (Continued)

Reference: UK 57

Database: UK Working Mines & Quarries Database  
 Data Type: Text Bibliographic  
 Acronym: BRITPITS (BGS Dataset Ref. No. 48)  
 Data Subject: Metallic and non-metallic minerals, environmental geology  
 Subjects: List of current mines, quarries and similar workings  
 Keywords: Aggregates, construction materials, catalogue, lithology, stratigraphy, mining, minerals, mineral resources, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Minerals Group (P.M. Harris)  
 Coverage: National data  
 Territory: UK  
 Updates: Active  
 Computers: VAX  
 Software: Oracle  
 Output: Online search (interactive), machine readable, printed  
 Language: English  
 Availability: Open to all users with some restrictions, fees charged

Reference: UK 58

Database: Unconsolidated Aggregate Resources Database  
 Data Type: Text Bibliographic  
 Acronym: Various (BGS Dataset Ref. No. 364, 573, 574)  
 Data Subject: Non-metallic minerals, Quaternary, regional & mapping geology  
 Subjects: Geological and compositional data from borehole surveys of sand and gravel aggregate resources  
 Keywords: Aggregates, construction materials, samples, borehole section, boreholes, geology, lithology, stratigraphy, physical properties, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Eastern England Group (M.D.A. Samuel)  
 Coverage: Regional data  
 Territory: UK  
 Time Period: End: c. 1984  
 Updates: Static  
 Computers: VAX  
 Software: Oracle  
 Output: Online search (interactive), machine readable  
 Language: English  
 Availability: Open to all users with some restrictions, fees charged

United Kingdom (Continued)

Reference: UK 59

Database: Water Well Inventory  
 Data Type: Text Bibliographic  
 Acronym: Water Well Inventory  
 Data Subject: Hydrogeology  
 Subjects: Locational and other data for up to 9,500 water well sites; time-series water level measurements for selected wells  
 Keywords: Boreholes, geology, stratigraphy, hydrogeology, physical properties, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Crowmarsh Gifford, Wallingford, OX10 8BB  
 Telephone: 0491-3800 Fax: 0491-25338 Telex: 849365 HYDRO G  
 Contact: Hydrogeology Group (A. McKenzie)  
 Coverage: Regional data  
 Territory: UK  
 Volume: Approx 9,500 records  
 Updates: Active  
 Computers: Unix  
 Software: Oracle  
 Output: Machine readable  
 Language: English  
 Availability: Open to all users, fees charged

Reference: UK 60

Database: Well Reference Database  
 Data Type: Text Bibliographic  
 Acronym: Well Reference Database (BGS Dataset Ref. No. 355)  
 Data Subject: Structural, regional and mapping geology, fuels, energy  
 Subjects: Administrative, statistical & summary geological information on deep wells & boreholes  
 Keywords: Boreholes, geology, stratigraphy, hydrocarbons, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Tectonics & Database Group (C.J. Evans)  
 Coverage: National data  
 Territory: UK  
 Volume: 1-3 tapes  
 Updates: Archive  
 Computers: VAX  
 Output: Machine readable  
 Language: English  
 Availability: Restricted

# United Kingdom (Continued)

Reference: UK 61

Database: World Earthquakes  
 Data Type: Text Bibliographic  
 Acronym: BGS World File (BGS Dataset Ref. No. 460)  
 Data Subject: Geophysics  
 Subjects: World Earthquakes 1900 to present  
 Keywords: Catalogue, geophysics, geophysical surveys, seismology, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Murchison House, West Mains Road, Edinburgh, EH9 3LA  
 Telephone: 031-667-1000 Fax: 031-668-2683 Telex: 727343 SEISED G  
 Contact: Global Seismology Group (C.J. Fyfe)  
 Coverage: International data  
 Territory: World  
 Time Period: Begin: 1900  
 Volume: 300,000 records  
 Updates: Active  
 Computers: VAX  
 Software: Special format  
 Output: Machine readable  
 Language: English  
 Availability: Open to all users, fees charged

Reference: UK 62

Database: World Mineral Statistics  
 Data Type: Text Bibliographic  
 Acronym: World Mineral Statistics (BGS Dataset Ref. No. 45)  
 Data Subject: Metallic and non-metallic minerals, fuels, energy minerals  
 Subjects: Statistics on the production and trade of world mineral commodities  
 Keywords: Bibliography, catalogue, publications, reports, geochemistry, geology, mineral resources, mineral production, mineral trade statistics, energy minerals, United Kingdom  
 Organization: British Geological Survey  
 Center Name: British Geological Survey  
 Center Type: Geological Survey  
 Address: Keyworth, Nottingham, NG12 5GG  
 Telephone: 0602-363100 Fax: 0602-363200 Telex: 378173 BGSKEY G  
 Contact: Minerals Group (C. Black)  
 Coverage: International data  
 Territory: World  
 Time Period: Begin: 1983 End: Present  
 Updates: Active  
 Computers: IBM-PC  
 Software: Mastermodeller, Major BBS  
 Output: Online search (interactive), machine readable  
 Language: English  
 Availability: Open to all users with some restrictions, fees charged



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## ***Uruguay***

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Reference: URUG 1                      Entry Number: 308

Database: Basic Gravimetric Network  
Data Type: Numeric  
Acronym: RED G F  
Data Subject: Geophysics  
Subjects: 1) Name of gravimetric station (total 924)  
2) Latitude, longitude and altimetric elevation of each station (ref grs 80)  
3) Observed elevation, theoretical gravity (ref station migueletes r.a.)  
4) Anomalies: free- air and bouguer  
This is not properly a Database but merely a record of information for each station

Keywords: Geodesy, gravity surveys, gravity anomalies, Uruguay  
Organization: Division Seccion Procesamiento da Datos, Seccion Geofisica  
Center Name: Military Geographic Service  
Center Type: Governmental organization  
Address: 8 De Octubre No. 3255, Montevideo, Uruguay  
Telephone: 81-68-10/68/97/81  
Contact: Jefe de Division Geodesia  
Coverage: National data  
Territory: Republic of Uruguay  
Time Period: Begin: 1962    End: Present  
Volume: 924 records with 76 characters per record  
Updates: Annually  
Computers: PDP 11/73 DEC  
Software: Rsx-Plus, Cobol-Plus, Fortran-IV  
Output: Compilation  
Availability: Open

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## ***United States***

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Reference: USA 1

Database: Aerial Photography Summary Record System  
Data Type: Bibliographic  
Acronym: APSRS  
Data Subject: Photography  
Subjects: U.S. aerial photography from various Federal, State and commercial sources. Provides geographic location, date of aquisition, scale, and information about the film and camera.

Keywords: Aerial photography, cartography, map, photography, United States  
Organization: United States Geological Survey, Earth Science Information Office  
Center Name: USGS, Earth Science Information Office  
Center Type: Geological Survey  
Address: USGS, 509 National Center, Reston, VA 22092  
Telephone: 703-648-5903  
Contact: Fred Klinefelter

United States (Con't)

Coverage: National  
Territory: United States, US Territories and outlying areas  
Time Period: Begin: 1940 End: Present  
Volume: 2,376,000 records with 155 bytes per record  
Computers: AMDAHL 5890  
Output: Batch  
Language: English  
Availability: Open, fees

Reference: USA 2 Entry Number: 311

Database: Aeromagnetic Data  
Data Type: Numeric  
Data Subject: Geophysics, Metallic Mineral Resources, Remote Sensing  
Subjects: Aeromagnetic data for various areas, global and US  
Keywords: Airborne methods, magnetic surveys, global, United States  
Organization: National Geophysical Data Center  
Center Name: National Geophysical Data Center  
Center Type: Governmental organization  
Address: 325 Broadway, Mail Code E/GC1, Boulder, CO 80303  
Telephone: 303-497-6128 Telex: 592811 NOAA Fax: 303-497-6958  
Contact: Ronald Buhmann  
Coverage: International data  
Territory: Global  
Time Period: Begin: 1968 End: Present  
Volume: 3,800 megabytes  
Updates: New Data Available  
Computers: UNIVAC, VAX  
Software: Fortran "C"  
Output: Batch, compilation  
Availability: Open, fees

Reference: USA 3 Entry Number: 362

Database: Aqueous Solutions Database  
Data Type: Numeric  
Acronym: ASD  
Data Subject: Fuels, Energy Resources, General Geosciences, Metallic Mineral  
Subjects: Thermodynamic property values, consistent with CODATA; internally consistent; consistent in reproducing critically selected research laboratory measurements. Properties are: FG, GH, S, CP, with emphasis on Actinides  
Keywords: Thermodynamic properties, aqueous solutions, metal ores, United States  
Organization: Lawrence Berkeley Laboratory, University of California, Berkeley, California  
Center Name: Lawrence Berkeley Laboratory  
Center Type: Governmental organization  
Address: One Cyclotron Road, Berkeley, CA 94720 USA  
Telephone: 415-486-6865

United States (Con't)

Contact: Dr. Sidney L. Phillips  
Coverage: International data  
Time Period: Begin: 1983 End: Present  
Volume: About 40 element; <1000 substances  
Updates: Monthly  
Computers: VAX 8650 Cluster  
Software: Datatrieve  
Output: Interactive, compilation  
Language: English  
Availability: Open, network

Reference: USA 4 Entry Number: 355

Database: Asia-Pacific Minerals Production Database  
Data Type: Numeric  
Acronym: MINEPRO  
Subjects: Annual mine production data on a national basis for 55 mineral commodities, 38 Asia-Pacific countries  
Keywords: Mines, production, Asia, Pacific region, mineral resources, United States  
Organization: East-West Center Minerals Policy Program  
Center Type: Regional institute  
Address: 1777 East-West Road, Honolulu, HI 96848 USA  
Telephone: 808-944-7551  
Contact: Dr. James Otto  
Coverage: Regional data, national data, international data  
Territory: 38 Countries in Asia-Pacific  
Time Period: Begin: 1970 End: 1986  
Volume: 2,000 fields, 25 records per field  
Updates: Annual  
Computers: IBM-PC  
Software: dBASE III +  
Output: Compilation  
Availability: Open, fees

Reference: USA 5  
Database: AVHRR Data Acquisition and Processing System  
Data Type: Numeric  
Acronym: ADAPS  
Data Subject: Regional geology - Mapping geology  
Subjects: The Advanced Very High Resolution Radiometer (AVHRR) is a broad band, 4 or 5 channel (depending on the model) scanner, sensing in the visible, near-infrared and thermal-infrared portions of the electromagnetic spectrum. AVHRR data are acquired in three formats: High Resolution Picture Transmission (HRPT), Local Area Coverage (LAC), and Global Area Coverage (GAC). HRPT data are full resolution data transmitted to a ground station as they are collected. LAC are also full resolution, but are recorded on an on board tape recorder for subsequent transmission during a

United States (Con't)

station overpass. GAC data provides daily global coverage subsampled to a nominal 4 km resolution, recorded on the tape recorders, and then transmitted to a ground station

Keywords: AEDD, Arctic, DOIGC, EDC, imagery, NOAA, satellite, snow, United States  
Organization: United States Geological Survey, National Mapping Division  
Center Name: USGS, National Mapping Division  
Center Type: Geological Survey  
Address: EROS Data Center, Science and Applications Branch, USGS, Sioux Falls, SD 57198  
Telephone: 605-594-6027  
Contact: Jeff Eidenshink  
Coverage: National  
Territory: United States  
Volume: 7,200 records with 78 bytes per record  
Computers: PN6006  
Software: UNIFY  
Output: Interactive, batch  
Language: English  
Availability: Open, fees

Reference: USA 6

Database: Cartographic Catalogue File  
Data Type: Bibliographic  
Acronym: CC  
Data Subject: Cartography, Maps, Photographs, Imagery  
Subjects: The Cartographic Catalogue file contains broad descriptive information about series or collections of cartographic products to include maps, charts, atlases, globes, digital spatial data, cartographic applications software, aerial and satellite imagery, geodetic data, books, reports, and other publications related to Earth Science  
Keywords: AEDD, Alaska, Alaska directory, Arctic, cartography, DOIGC, geodesy, geography, geology, hydrology, map, photography, satellite, United States  
Organization: US Geological Survey, National Mapping Division  
Center Name: US Geological Survey, National Mapping Division  
Center Type: Geological Survey  
Address: US Geological Survey, Earth Science Information Office, 509 National Center, Reston, VA 22092  
Telephone: 703-648-5914  
Contact: Walt Wagner  
Coverage: United States  
Territory: United States, US Territories, and outlying areas  
Time Period: Begin: 1650 End: Present  
Volume: 29,000 records with 500 bytes per record  
Updates: Continuous  
Computers: AMDAHL 5890  
Software: GIPSY  
Output: Catalogues, indexes, micrographics  
Language: English  
Availability: Public

## United States (Con't)

Reference: USA 7

Database: Catalog of the USGS Library System  
Data Type: Bibliographic  
Acronym: LS/2000  
Data Subject: Library Holdings  
Subjects: Data consists of bibliographic records of library holdings found in the USGS libraries at Reston, VA, Denver, CO, Menlo Park, CA, and Flagstaff, AZ. Holdings include monographs, serials, conferences, reports, maps, journals, and microforms. The collection covers all aspects of the geological sciences and related interdisciplinary subjects. The holdings records designate the location of the materials in the library system.  
Keywords: AEDD, Arctic, cartography, geology, hydrology, map, oceanography, United States  
Organization: US Geological Survey, Geologic Division  
Center Name: US Geological Survey, Geologic Division  
Center Type: Geological Survey  
Address: Chief, Cataloging Section, US Geological Survey, 950 National Center, Reston, VA 22092  
Telephone: 703-648-4486  
Contact: Joan Nugent  
Coverage: Worldwide  
Territory: Worldwide  
Volume: 160,000 records with 3,000 bytes per record  
Updates: Continuously  
Computers: Data General Eclipse S-280 (Also available on CD ROM)  
Output: Catalogues, indexes  
Language: English  
Availability: Public

Reference: USA 8                      Entry Number: 320

Database: Climap Database  
Data Type: Numeric  
Acronym: CLIMAP  
Data Subject: Marine Geology, Paleontology, Geochemistry  
Subjects: Proxy paleoclimate data derived from marine sediments including micropaleontologic counts, oxygen and carbon isotope studies, percent carbonate and opaline silica. Also includes estimated sea-surface temperatures for 18,000 BP  
Keywords: Marine sediments, paleoclimatology, micropaleontology, O-18/O-16, opaline silica, carbonate sediments, United States  
Organization: National Geophysical Data Center  
Center Name: National Geophysical Data Center  
Center Type: Governmental organization  
Address: 325 Broadway, Mail Code E/GC3, Boulder, CO 80303 USA  
Telephone: 303-497-6280 Telex: 592811 NOAA Fax: (303) 497-6513  
Contact: Bruce Bauer  
Coverage: International data  
Territory: Global Ocean  
Time Period: Begin: Jan 1960    End: Dec 1977  
Volume: 2.9 megabytes on one magnetic tape

# United States (Continued)

Updates: Not updated  
Computers: On magnetic tape and optical WORM disc  
Software: None presently, will be available on PC DBMS  
Output: Batch, compilation  
Language: English  
Availability: Open, fees

Reference: USA 9 Entry Number: 393

Database: Core Research Center Information Systems  
Data Type: Numeric Bibliographic  
Acronym: CORE  
Data Subject: Stratigraphy, Tectonics, Structural Geology, Engineering  
Subjects: Descriptive data of core samples housed within the Core Research Center. Hierarchal type Database has multiple detail data sets per record reflecting data including location, origin, type, amount, and age. CORE information sets also indicate availability of non-automated information including analysis, photographs, and thin sections  
Keywords: AEDD, Arctic, CORE, geologic age, geology, Rocky Mountain region, United States  
Organization: USGS, Geologic Division  
Center Name: Core Research Center  
Center Type: Geological Survey  
Address: PO Box 25046, MS 975, DFC, Denver, CO 80225 USA  
Telephone: 303-236-1930  
Contact: Mark D. Almer  
Coverage: Regional data  
Territory: Rocky Mountain Region  
Time Period: Begin: 1973 End: Present  
Volume: 5,616 records, 328 bytes per record  
Updates: Occasionally  
Computers: Hewlett-Packard: Hewlett Packard 1000  
Software: Image 1000-II Dbms  
Output: Batch, compilation  
Language: English  
Availability: Open, restricted, free

Reference: USA 11

Database: Daily Values File  
Data Type: Numerical  
Acronym: DVFILE  
Data Subject: Water Data  
Subjects: The Daily Values File of watstore reflects the points at is collects water data. The file contains values for streamflow, reservoir levels, water temperature, specific conductance, and sediment discharge, plus several other water quality parameters that either are measured by means of monitoring equipment or result from analyses of samples collected on a daily basis  
Keywords: AEDD, Arctic, groundwater, streamflow, US, USGS, water, water quality, United States  
Organization: US Geological Survey, Water Resources Division

United States (Continued)

Center Name: US Geological Survey, Water Resources Division  
Center Type: Geological Survey  
Address: US Geological Survey, 437 National Center, Reston, VA 22092  
Telephone: 703-648-5624  
Contact: John C. Briggs  
Coverage: National  
Territory: United States  
Time Period: Begin: 1889 End: Present  
Volume: 756,721 records with 1,600 bytes per record  
Updates: Continuously  
Computers: AMDAHL 5890  
Software: PL/1  
Output: Magnetic tape  
Language: English  
Availability: Public

Reference: USA 12 Entry Number: 349

Database: Deep Reflection Profiling in the U.S.  
Data Type: Not listed  
Acronym: COCORP  
Data Subject: Tectonics, Structural Geology, Geophysics, Regional Geology  
Subjects: Seismic profiles of crust and upper mantle of the earth, with tapes in SEG-B or SEG-Y format  
Keywords: Seismic profiles, tectonics, computer tapes, seismic surveys, COCORP, United States  
Organization: Institute for the Study of the Continents (INSTOC)  
Center Type: Regional institute  
Address: 3124 Snee Hall, Cornell University, Ithaca, NY 14853-1504 USA  
Telephone: 607-255-7165 Telex WUI 6713054  
Contact: Professor S. Kaufman  
Coverage: National data  
Territory: USA  
Time Period: Begin: 1975 End: Present  
Volume: Over 10,000 line-kilometers of seismic profiles  
Updates: Daily  
Computers: IBM 3090=600E, VAX 750, MEGASEIS, Microvax-GPX  
Software: Commercial and in-house  
Output: Batch, compilation, reports, bulletins  
Availability: Restricted

Reference: USA 13 Entry Number: 365

Database: Deep Sea Drilling Project and Ocean Drilling Program Databases  
Data Type: Not listed  
Acronym: DSDP and ODP  
Subjects: Data associated with and generated from the ocean cores recovered during the cruises of the Glomar Challenger and JOIDES Resolution

# United States (Continued)

Keywords: Deep Sea Drilling Project, Ocean Drilling Program, United States  
 Organization: Ocean Drilling Program  
 Address: Texas A & M University Research Park, 1000 Discovery Drive, College Station, TX 77840 USA  
 Telephone: 409-845-8495 Telex 792779 ODP TAM  
 Contact: Data Librarian, Kathe Lighty  
 Coverage: International data  
 Time Period: Begin: 1965 End: Present  
 Volume: 600,000 records  
 Updates: Daily  
 Computers: VAX  
 Software: System 1032  
 Output: Interactive, microforms, compilation, reports, bulletins  
 Availability: Open, fees

Reference: USA 14 Entry Number: 326

Database: Deep Sea Drilling Project, CD Rom Data Set  
 Data Type: Numeric  
 Acronym: DSDP  
 Data Subject: Marine Geology, stratigraphy, paleontology  
 Subjects: Marine geology, geologic age, drill samples, mineralogy, carbonates, grain size, micropaleontology, porosity, paleomagnetism, lithology, sediment description, petrology, engineering properties  
 Keywords: Tectonics, Deep Sea Drilling Project, marine geology, United States  
 Organization: National Geophysical Data Center  
 Center Name: National Geophysical Data Center  
 Center Type: Governmental organization  
 Address: 325 Broadway, Mail Code E/GC3, Boulder, CO 80303 USA  
 Telephone: 303-497-6339 Telex: 592811 NOAA Fax: 303-497-6513  
 Contact: Carla J. Moore  
 Coverage: International data  
 Territory: Global ocean  
 Time Period: Begin: 1967 End: 1984  
 Volume: 2 CD-Roms Approx 1 gigabyte  
 Updates: Not updated  
 Computers: PC, CD-ROM, Macintosh  
 Software: Custom "C" software  
 Output: Batch  
 Language: English  
 Availability: Open, fees

Reference: USA 15 Entry Number: 391

Database: Digital Seismic  
 Data Type: Numeric  
 Acronym: PAMCD  
 Data Subject: Tectonics, Structural Geology, Geophysics



United States (Continued)

**Subjects:** Multichannel seismic data from the circum-Pacific region and the western continental United States  
**Keywords:** AEDD, Alaska, Antarctic, Arctic, marine geophysics, ocean Pacific, seismic reflection, United States  
**Organization:** USGS, Geologic Division  
**Center Name:** USGS, Office of Earthquakes, Volcanoes, and Engineering  
**Center Type:** Geological Survey  
**Address:** Geologic Division, MS 999, 345 Middlefield Road, Menlo Park, CA 94025 USA  
**Telephone:** 415-354-3175  
**Contact:** Jon Childs  
**Coverage:** International data  
**Territory:** Pacific and Arctic Basins  
**Time Period:** Begin: 1975 End: Present  
**Volume:** 19,000 records; 1,000,000 bytes per record  
**Computers:** VAX 11/780  
**Software:** Disco/Smartstar Dbms  
**Output:** Batch, compilation  
**Language:** English  
**Availability:** Restricted, free

**Reference:** USA 16 Entry Number: 339

**Database:** Digital Underway Marine Geophysics Database  
**Data Type:** Numeric  
**Acronym:** GEODAS  
**Data Subject:** Marine Geology, Geophysics  
**Subjects:** Underway marine geophysical data in the standard MGD77 exchange format including bathymetry, magnetics, gravity, and navigation plus "header" information as to collecting institution, ship, cruise, dates, etc  
**Keywords:** Bathymetry, magnetic surveys, gravity surveys, marine methods, global, United States  
**Organization:** National Geophysical Data Center  
**Center Name:** National Geophysical Data Center  
**Center Type:** Governmental organization  
**Address:** 325 Broadway, Mail Code E/GC3, Boulder, CO 80303 USA  
**Telephone:** 303-497-6542 Telex: 592811 NOAA Fax: 303-497-6513  
**Contact:** Dan Metzger  
**Coverage:** International data  
**Territory:** Global ocean  
**Time Period:** Begin: Jan 1953 End: Present  
**Volume:** 4 Gigabytes, 2 CD-Roms  
**Updates:** New data available  
**Software:** Custom software in Fortran, "C"  
**Output:** Interactive, batch  
**Language:** English  
**Availability:** Open, fees

# United States (Continued)

Reference: USA 10

Database: DNAG Seismicity Database  
 Data Type: Spatial  
 Acronym: DNAG  
 Data Subject: Earthquakes  
 Subjects: Compilation of earthquake hypocenters from global, national and regional catalogs, and other source materials  
 Keywords: AEDD, Arctic, earthquake, North America, United States  
 Organization: US Geological Survey, Geologic Division  
 Center Name: US Geological Survey, Geologic Division  
 Center Type: Geological Survey  
 Address: US Geological Survey, Box 25046, Mail Stop 967, Denver Federal Center, Denver, CO 80225  
 Telephone: 303-273-8422  
 Contact: E. R. Engdahl  
 Coverage: North America  
 Volume: 75,000 record with 13 bytes per record  
 Computers: DEC VAX 8250 (VMS), Sun 3 and Sun 4 (UNIX)  
 Output: Digital data sets on magnetic tape  
 Language: English  
 Availability: Public

Reference: USA 91

Database: Earth Science Data Directory  
 Data Type: Bibliographic  
 Acronym: ESDD  
 Data Subject: General Geosciences  
 Subjects: Earth Science Data Directory (ESDD) offers online access to a United States Geological Survey mainframe computer repository of information about earth science and natural resource databases. ESDD is also available on compact disc. Its referenced databases are both automated and non-automated, and they belong to many different entities. ESDD participants include governmental agencies, academic institutions, and those from the private sector  
 Organization: USGS, Geologic Division  
 Center Name: USGS, Geologic Division, Information System Division  
 Center Type: Geological Survey  
 Address: ESDD Project Manager, U.S. Geological Survey, 801 National Center Reston, VA 22092  
 Telephone: 703-648-7245 Fax: 703-648-7069  
 Contact: Eliot Christian  
 Coverage: International Data  
 Volume: 3,000 references  
 Updates: Monthly  
 Computers: Amdahl mainframe, PC using CD-ROM  
 Software: Model 204 DBMS  
 Language: English  
 Availability: Open

Reference: USA 17 Entry Number: 327

Database: Earthquake Database  
Data Type: Numeric  
Data Subject: Seismology  
Subjects: The Earthquake Database contains information on more than 500,000 earthquakes, origin, geographic location, depth, magnitude, maximum intensity and related earthquake phenomena  
Keywords: Earthquakes, epicenters, magnitude, modified Mercalli scale, Richter scale, United States  
Organization: National Geophysical Data Center  
Center Name: National Geophysical Data Center  
Center Type: Governmental organization  
Address: 325 Broadway, Mail Code E/GC1, Boulder, CO 80303 USA  
Telephone: 303-497-6472 Telex: 592811 NOAA Fax: 303-497-6958  
Contact: Dr. Ray Habermann  
Coverage: International data  
Territory: Worldwide  
Volume: 53.5 megabytes  
Updates: New data available  
Computers: Sperry 1100/62, IBM PC/AT  
Software: Fortran, C.  
Output: Batch, compilation  
Language: English  
Availability: Open, fees

Reference: USA 18

Database: Earthquake Database System  
Data Type: Bibliographic  
Acronym: EDBS  
Data Subject: Earthquakes  
Subjects: The Database is comprised of worldwide/regional catalogs of earthquake hypocenter data. It includes the following information: date, origin time (UTC), depth (km), magnitude, intensity, and other related seismic information. The Database is accessible 24 hours a day  
Keywords: AEDD, Arctic, earthquake, United States  
Organization: US Geological Survey, Geologic Division  
Center Name: US Geological Survey, Geologic Division  
Center Type: Geological Survey  
Address: Box 25046, Mailstop 967, Denver Federal Center, Denver, CO 80225-0046  
Telephone: 303-273-8406 Fax: 303-273-8450  
Contact: Glen Reagor  
Coverage: Worldwide  
Computers: DEC VAX 11/8250  
Output: Catalogs, Indexes  
Language: English

United States (Continued)

Reference:      USA 19                      Entry Number: 392

Database:      Federally Owned Landsat Data Program

Data Type:      Bibliographic

Acronym:      FOLD

Data Subject:   Remote Sensing

Subjects:      FOLD lists all landsat computer compatible tapes (CCT) held by participating agencies. The following information is contained for each CCT: scene ID, latitude/longitude, path/row, sensor, acquisition date, data quality, location of tape

Keywords:      Landsat, remote sensing, United States

Organization:   USGS, National Mapping Division

Center Name:   Earth Resources Observation System (EROS) Data Center (EDC)

Center Type:   Geological Survey

Address:      Sioux Falls, SD 57198 USA

Telephone:      605-594-6142

Contact:      Chief Data Services

Coverage:      National data

Territory:      United States

Output:      Interactive, batch

Language:      English

Availability:   Open, fees

Reference:      USA 20                      Entry Number: 389

Database:      Geochemical Data on Rocks, Soils, Minerals and Plants

Data Type:      Bibliographic

Acronym:      PLUTO

Data Subject:   Geochemistry, Isotopes, Regional Geology, Mapping Geology

Subjects:      Contains location, material class, sample source, sample type, geologic age, rock name, formation, latitude, longitude, and chemical analyses on rocks, soils, materials and plants

Keywords:      AEDD, Arctic, chemical analysis, geochemistry, geologic age, geology, mineral, plant, rock, soil, United States

Organization:   USGS, Geologic Division

Center Name:   USGS, Geologic Division, Office of Mineral Resources

Center Type:   Geological Survey

Address:      PO Box 25046, Mail Stop 973, Denver, CO 80215 USA

Telephone:      303-236-1194

Contact:      Art L. Sutton

Coverage:      International data

Territory:      Worldwide

Time Period:   Begin: 1966 End: Present

Volume:      222,615 records; 300 bytes per record

Computers:      Hewlett Packard 1000

Software:      Image 1000 Dbms

Output:      Interactive, batch

Language:      English

Availability:   Open

# United States (Continued)

Reference: USA 21

Database: Geographic Information Retrieval and Analysis System

Data Type: Terrestrial

Acronym: GIRAS

Data Subject: Land use, land cover

Subjects: The USGS has produced land use and land cover and associated maps (political, census, and hydrologic unit maps and, in some cases, Federal land ownership maps) for the US (excluding Alaska). These maps are being digitized, edited and incorporated into the National Digital Cartographic Database (NDCDB). The data are available to the public in both graphical and digital form and statistics derived from the data are being produced. The data includes urban or built up lands, agricultural land, rangeland, forest land, water, wetlands, barren land, tundra, and perennial snow or ice

Keywords: Cartography, geography, Hawaii, land cover, land use, map, wetlands, United States

Organization: US Geological Survey, National Mapping Division

Center Name: US Geological Survey, National Mapping Division

Center Type: Geological Survey

Address: 521 National Center, Reston, VA 22092

Telephone: 703-648-4511

Contact: Robin Fegeas

Coverage: United States, states

Territory: Conterminous United States, Alaska

Time Period: Begin: 1975 End: 1985

Updates: Adding 100,000 square miles/year, estimated completion: 1997

Computers: AMDAHL 5890

Output: Cartographic, statistical

Availability: Fees

Reference: USA 22

Entry Number: 390

Database: Geoindex

Data Type: Bibliographic

Acronym: GEOINDEX

Data Subject: Regional Geology, Mapping Geology, General Geosciences

Subjects: GEOINDEX has been developed as a Database and Database management system that provides three main capabilities. The primary capability is to provide the means of generating geologic index maps for rapid publication. A second capability is to provide immediate access by users to all items in the Database. The third capability is to provide nationwide summary information to policy makers and decision makers. GEOINDEX consists of bibliographic and location data for all published geologic maps of the U. S. and its territories. Indexed are individual maps; maps in books, journals and guidebooks; page size and oversize maps; USGS Open-file reports; maps published by states, universities, professional societies, and commercial publishers; both those available, and those now out of print. Fields include author, date, title, publisher, series, scale, county or region, latitude/longitude extremes and centers, area, and notes

Keywords: AEDD, Arctic, bedrock, cartography, coal, geology, geomorphology, map, mineral, stratigraphy, United States

Organization: USGS, Geologic Division

Center Name: USGS, Geologic Division, Office of Scientific Publications

Center Type: Geological Survey

United States (Continued)

Address: Mail Stop 907, Reston, VA 22092 USA  
Telephone: 703-648-4388  
Contact: Gregory Gunnells  
Coverage: National data  
Territory: Quads, cities, states, counties, territories  
Volume: 15097 records, 1024 bytes per record  
Computers: DEC VAX 11/780, IBM-PC and CD-ROM  
Software: VAX: Grasp DBMS PC: GSSEARCH (developed in-house)  
Output: Interactive, batch  
Language: English  
Availability: Open

Reference: USA 23 Entry Number: 387

Database: Geologic Names of the U.S., its Territories and Possessions  
Data Type: Numeric Bibliographic  
Acronym: GEONAMES  
Data Subject: General Geosciences, Stratigraphy  
Subjects: Annotated index lexicon of formal geologic nomenclature of the United States, territories, and possessions, with data on geologic age, USGS usage, lithology, geologic province, thickness at type section, location of type section, and naming reference for each geologic unit  
Keywords: AEDD, Arctic, geology, lithology, stratigraphy, United States  
Organization: USGS, Geologic Division  
Center Name: USGS, Geologic Division, Office of Scientific Publications  
Center Type: Geological Survey  
Address: Mail Stop 902, Reston, VA 22092 USA  
Telephone: 703-648-4317  
Contact: Cynthia R. Murdock  
Coverage: National data  
Territory: United States, Its Territories and Possessions  
Volume: 30,000 records, 115 bytes per record  
Computers: AMDAHL 5890  
Software: System 2000; Model 204  
Output: English  
Availability: Open

Reference: USA 24 Entry Number: 321

Database: Geosat: Satellite Altimetry Data  
Data Type: Numeric  
Acronym: GEOSAT  
Data Subject: Remote Sensing, Regional Geology, Mapping Geology  
Subjects: Detailed radar altimetry data, as well as orbital, atmospheric and tidal data  
Keywords: Satellite methods, geodesy, altimetry, global, United States  
Organization: National Geophysical Data Center  
Center Name: National Geophysical Data Center  
Center Type: Governmental organization

United States (Continued)

Address: 325 Broadway, Mail Code E/GC1, Boulder, CO 80303 USA  
 Telephone: 303 497-6128 Telex: 592811 NOAA Fax: 303-497-6513  
 Contact: Ron Buhmann  
 Coverage: International data  
 Territory: Global  
 Time Period: Begin: Oct 1986 End: Present  
 Volume: 500 megabytes  
 Updates: New data available  
 Computers: UNIVAC, VAX  
 Software: Fortran, C  
 Output: Batch  
 Language: English  
 Availability: Restricted, fees

Reference: USA 25 Entry Number: 350

Database: Geothermal Data  
 Data Type: Numeric Bibliographic  
 Data Subject: Geophysics, Fuels, Energy Resources, Tectonics, Structures  
 Subjects: Heat flow, geothermal gradients, thermal conductivity  
 Keywords: Geothermal energy, thermal conductivity, heat flow, United States  
 Organization: ISEM Geothermal Laboratory, Southern Methodist University  
 Center Name: ISEM Geothermal Laboratory, Southern Methodist University  
 Center Type: University, special schools  
 Address: Southern Methodist University, Dallas, TX 75275 USA  
 Telephone: 214-692-2749  
 Contact: David D. Blackwell  
 Coverage: National data  
 Territory: United States  
 Computers: Various  
 Software: Custom, in house  
 Output: Batch  
 Language: English  
 Availability: Open

Reference: USA 26 Entry Number: 314

Database: Geothermal Springs and Gradients  
 Data Type: Numeric  
 Subjects: Lists and maps of thermal springs in the US  
 Keywords: Heat flow, hot springs, geothermal energy, United States  
 Organization: National Geophysical Data Center  
 Center Name: National Geophysical Data Center  
 Center Type: Governmental organization  
 Address: 325 Broadway, Mail Code E/GC1. Boulder, CO 80303 USA  
 Telephone: 303 497-6419 Telex: 592811 NOAA Fax: 303-497-6513  
 Contact: Joy Ikelman  
 Coverage: National data

# United States (Continued)

Territory: United States  
 Time Period: Begin: 1917 End: 1984  
 Volume: 0.224 megabytes  
 Updates: New data available  
 Computers: UNIVAC  
 Software: Fortran  
 Output: Batch, compilation, reports, bulletins  
 Language: English  
 Availability: Open, fees

Reference: USA 27

Database: Global Hypocenter CD-ROM Database  
 Data Type: Terrestrial  
 Acronym: EPIC  
 Data Subject: Earthquakes, hypocenters  
 Subjects: These catalogs of earthquake hypocenter data include date, origin (UTC), depth (km), magnitude, intensity, and other related seismic phenomena. The data reside on a CD-ROM disc. The EPIC package includes access software and a graphics package that displays the seismicity on the monitor  
 Keywords: AEDD, Arctic, DOIGC, earthquake, hypocenter, seismology, United States  
 Organization: US Geological Survey, Geologic Division  
 Center Name: US Geological Survey, Geologic Division  
 Center Type: Geological Survey  
 Address: Geologic Division, MS 967, PO Box 25046, Denver, CO 80225  
 Telephone: 303-273-8406 Fax: 303-273-8450  
 Contact: Glen Reagor  
 Coverage: Worldwide  
 Territory: Worldwide  
 Volume: 300,000 records with 100 bytes per record  
 Computers: AMDAHL 5890  
 Software: PL/1  
 Output: Cartographic, statistical  
 Language: English  
 Availability: Fees

Reference: USA 28 Entry Number: 310

Database: Global Topography Data  
 Data Type: Numeric  
 Data Subject: Regional Geology, Mapping Geology  
 Subjects: Worldwide data on elevation, bathymetry  
 Keywords: Elevation, bathymetry, geoid, topography, free-air anomalies, United States  
 Organization: National Geophysical Data Center  
 Center Name: National Geophysical Data Center  
 Center Type: Governmental organization  
 Address: 325 Broadway, Mail Code E/GC1, Boulder, CO 80303 USA



United States (Continued)

Telephone: 303-497-6764 Telex: 592811 NOAA Fax: 303-497-6513  
Contact: John Kineman  
Coverage: International data  
Territory: Global  
Time Period: Begin: 1960 End: Present  
Volume: 31 megabytes  
Computers: UNIVAC, VAX, IBM PC/AC  
Software: Fortran, "C"  
Output: Batch, compilation  
Language: English  
Availability: Open, fees

Reference: USA 29 Entry Number: 388

Database: Gloria Images  
Data Type: Numeric  
Acronym: GLORIA  
Data Subject: Marine Geology  
Subjects: Database consists of about 175 tapes at 1600 bpi containing digital images of the sea floor off the west coast, Alaska, and Hawaii  
Keywords: Marine geology, sonar, gloria, digital imagery, Alaska, Hawaii, offshore, Pacific Ocean, United States  
Organization: USGS, Geologic Division  
Center Name: USGS, Geologic Division, Office of Energy and Marine Geology  
Center Type: Geological Survey  
Address: 345 Middlefield Road, Mail Stop 999, Menlo Park, CA 94015 USA  
Telephone: 415-354-3055  
Contact: Joseph Coddington  
Coverage: Regional data  
Territory: US West Coast, Alaska, Hawaii  
Time Period: Begin: 1984 End: Present  
Volume: 720,000 records  
Computers: DEC PDP 11/73  
Output: Batch  
Language: English  
Availability: Restricted

Reference: USA 30 Entry Number: 324

Database: Gridded Bathymetric Data  
Data Type: Numeric  
Acronym: ETOPO5  
Data Subject: Marine Geology, Geophysics, Regional Geology, Mapping Geology  
Subjects: Gridded bathymetric and elevation data  
Keywords: Elevation, bathymetry, topography, United States  
Organization: National Geophysical Data Center  
Center Name: National Geophysical Data Center  
Center Type: Governmental organization

United States (Continued)

Address: 325 Broadway, Mail Code E/GC3, Boulder, CO 80303 USA  
 Telephone: 303-497-6119 Telex 592811 NOAA  
 Contact: Peter Sloss  
 Coverage: International data  
 Territory: Worldwide (ocean and land relief)  
 Time Period: Begin: Jan 1971 End: Present  
 Volume: 17.8 megabytes  
 Updates: Static  
 Computers: VAX 11/750, PC  
 Software: NCAR graphic software, plus custom Fortran  
 Output: CD-Rom, tape  
 Language: English  
 Availability: Open, fees

Reference: USA 31 Entry Number: 375

Database: Heat Flow Measurements  
 Data Type: Numeric Bibliographic  
 Data Subject: Geophysics  
 Subjects: Terrestrial heat flow measurements worldwide through 1985. Includes bibliographic citation, location, coded details of each measurement  
 Keywords: Heat flow, global, United States  
 Organization: National Geophysical Data Center  
 Center Name: National Geophysical Data Center  
 Center Type: Information center, library  
 Address: NOAA, Code E/GC4, Dept. Ord, 325 Broadway, Boulder, CO 80303 USA  
 Telephone: 303-497-6419 Telex: 592811 NOAA Fax: 303-497-6513  
 Contact: Joy Ikelman  
 Coverage: International data  
 Time Period: Begin: 1939 End: 1985  
 Volume: 20,000 records with 100 characters/record  
 Updates: Every Decade  
 Output: Batch  
 Language: English  
 Availability: Open, fees

Reference: USA 32 Entry Number: 313

Database: Igneous Petrological Database  
 Data Type: Numeric  
 Acronym: IGBA  
 Data Subject: Geochemistry, Isotopes  
 Subjects: File contains global petrological information  
 Keywords: Petrology, geochemistry, igneous rocks, United States  
 Organization: World Data Center-A for Solid Earth Geophysics  
 Center Type: Governmental organization  
 Address: 325 Broadway, Mail Code E/GC1, Boulder, CO 80303 USA  
 Telephone: 303-497-6967 Telex: 592811 NOAA Fax: 303-497-6513

# United States (Continued)

**Contact:** David Schoolcraft  
**Coverage:** international data  
**Territory:** Global  
**Time Period:** Begin: 1979 End: Present  
**Volume:** 23.9 megabytes  
**Updates:** New data available  
**Computers:** UNIVAC  
**Software:** Fortran  
**Output:** Batch, compilation  
**Language:** English  
**Availability:** Open, fees

**Reference:** USA 33                      Entry Number: 323

**Database:** international Gravity Data  
**Data Type:** Numeric  
**Data Subject:** Geophysics  
**Subjects:** Observed gravity and Bouger anomalies  
**Keywords:** Gravity surveys, global, United States  
**Organization:** World Data Center-A For Solid Earth Geophysics  
**Center Type:** Governmental organization  
**Address:** 325 Broadway, Mail Code E/GC1, Boulder, CO 80303 USA  
**Telephone:** 303-497-6120 Telex: 592811 NOAA Fax: 303-497-6513  
**Contact:** David Dater  
**Coverage:** International data  
**Territory:** South of 50 degrees south  
**Time Period:** Begin: Jan 1, 1978 End: Present  
**Volume:** 4.6 megabytes  
**Updates:** New data available  
**Computers:** UNIVAC, VAX  
**Software:** Fortran  
**Output:** Batch, compilation  
**Language:** English  
**Availability:** Open, fees

**Reference:** USA 34

**Database:** Inventory of Published Maps  
**Data Type:** Bibliographic  
**Data Subject:** Topographic maps  
**Subjects:** Inventory of Published Maps file contains descriptor records of National Mapping Division published maps, Defense Mapping Agency (15 min. US 1:50,000 scale) and Bureau of Land Management (1:100,000 scale) maps. Series, location, scale, contour interval, survey, publication, revision dates are specified. Topographic Map Inventory data elements include map series, latitude and square miles of coverage  
**Keywords:** BLM, digital data, DMA, map inventory, United States  
**Organization:** US Geological Survey, National Mapping Division  
**Center Name:** US Geological Survey, National Mapping Division

United States (Continued)

Center Type: Geological Survey  
Address: Reston Earth Science Information Center, US Geological Survey, 507 National Center,  
Reston, VA 22092  
Telephone: 703-648-4635  
Contact: Mike Kelly  
Coverage: United States  
Territory: United States  
Updates: Growth rate of 3% per year  
Output: Magnetic tape, microform  
Language: English  
Availability: Fees

Reference: USA 35                      Entry Number: 325

Database: Land Gravity Database  
Data Type: Numeric  
Data Subject: Geophysics  
Subjects: Digital gravity data for the United States containing observed gravity, Bouger  
anomalies, and station topography  
Keywords: Gravity anomalies, Bouger anomalies, free-air anomalies, United States  
Organization: National Geophysical Data Center  
Center Name: National Geophysical Data Center  
Center Type: Governmental organization  
Address: 325 Broadway, Mail Code E/GC1, Boulder, CO 80303 USA  
Telephone: 303-497-6120 Telex: 592811 NOAA Fax: 303-497-6513  
Contact: David Dater  
Coverage: National data, international data  
Time Period: Begin: Jan 1900    End: Present  
Volume: 175.7 megabytes  
Updates: New data available  
Computers: Sperry 100/62  
Software: Fortran  
Output: Batch, compilation  
Language: English  
Availability: Restricted, fees

Reference: USA 36

Database: Landsat Earth Resources Observations  
Data Type: Terrestrial  
Acronym: Landsat Data RBV, MSS and TM  
Data Subject: Remote sensing  
Subjects: The Landsat series of satellites included three instruments. The Return Beam Vidicon  
(RBV) was flown on Landsats 1, 2 & 3, the Multispectral Scanner (MSS) was flown on  
Landsats 1 through 5, and the Thematic Mapper (TM) was flown on Landsats  
4 & 5. The EROS Data Center has developed a geographic accession aid system in  
which the descriptions of all Landsat accessions are stored on microfiche film records.  
This system is based on the Worldwide Reference System, a network

United States (Continued)

of intersecting paths and rows whose junctions define the nominal scene center of Landsat scenes. Data acquired by Landsat after September 27, 1985 is available at commercial prices from the Earth Observation Satellite Company (EOSAT)

**Keywords:** Africa, Antarctic, DOIGC, EDC, EROS, Europe, imagery, remote sensing, satellite, United States

**Organization:** US Geological Survey, National Mapping Division

**Center Name:** US Geological Survey, National Mapping Division

**Center Type:** Geological Survey

**Address:** EROS Data Center, US Geological Survey, Sioux Falls, SD 57198

**Telephone:** 605-594-6047

**Contact:** June Thormodsgard

**Coverage:** Global

**Territory:** Global

**Time Period:** Begin: 1972 End: Present

**Volume:** Records: RBV: 38,000 MSS: 2,000,000 TM: 470,000 156 byte ea

**Computers:** Burroughs 6900

**Software:** Burroughs DBMS

**Availability:** Fees

**Reference:** USA 37

**Database:** Landsat Image Database Global Glaciers

**Data Type:** Terrestrial

**Acronym:** LIDBGG

**Data Subject:** Glaciers, Landsat

**Subjects:** The data set contains selected Landsat images and tables of optimum Landsat 1, 2, and 3 Multispectral Scanner (MSS) and Return Beam Vidicon (RBV) images provided in US Geological Survey Professional Paper 1386, Satellite Image Atlas of Glaciers of the World. Landsat 4 and 5 MSS and Thematic Mapper (TM) images of coastal regions of Antarctica are also archived on an annual basis as part of a Scientific Committee of Arctic Research (SCAR) Committee on Glaciology, multi-nation image-acquisition consortium

**Keywords:** AEDD, Antarctica, Arctic, atlas, cryosphere, glacier, global change, Greenland, Landsat, map, photography, United States

**Organization:** US Geological Survey, Geologic Division

**Center Name:** US Geological Survey, Geologic Division

**Center Type:** Geological Survey

**Address:** US Geological Survey, 914 National Center, Reston, VA 22092

**Telephone:** 703-648-6388

**Contact:** Richard S. Williams Jr.

**Coverage:** Global

**Territory:** Global

**Time Period:** Begin: 1972 End: Present

**Volume:** 10,000 records

**Updates:** Annually

**Output:** Catalogs, indexes, photographs, maps, bibliographies, images

**Language:** English

**Availability:** Fees

# United States (Continued)

Reference: USA 38 Entry Number: 381

Database: Landslide Bibliography Center  
 Data Type: Bibliographic  
 Acronym: LIC  
 Data Subject: Regional Geology, Mapping Geology, Environmental Geology  
 Subjects: The National Landslide Information Center maintains a computerized bibliography on landslide maps and reports with file copies of 6,000 maps and reports. Also maintains names and addresses of more than 1,000 landslide researchers and users of the research. It has noncatalogued files of landslide photographs, newspapers clippings and legislation. Also contains published and unpublished maps, arranged by geographic region; World Landslide Inventory; Worldwide Data on Landslide Dams  
 Keywords: AEDD, aerial photography, Arctic, clay, earthquake, geology, gravity, hazard, land, landslides, photography, seismology, shale, terrain, United States  
 Organization: USGS, Geologic Division  
 Center Name: Landslide Information Center  
 Center Type: Geological Survey  
 Address: U. S. Geological Survey, Reston, VA 22092 USA  
 Contact: Donald R. Nichols  
 Coverage: International data  
 Territory: Global  
 Volume: 6,000 records  
 Computers: ZENITH 150 PC  
 Software: Notebook II Dbms  
 Output: Interactive, batch  
 Language: English  
 Availability: Open

Reference: USA 39

Database: Map and Chart Information System  
 Data Type: Bibliographic  
 Acronym: MCIS  
 Data Subject: Maps, Charts  
 Subjects: The Map and Chart Information System stores, retrieves, and displays information about domestic maps and charts. Data descriptors include title, scale, geographic coordinates, distributor, producer, geographic area, inset information, grids, contour intervals, and microfilm storage location  
 Keywords: AEDD, Alaska, Alaska Directory, Arctic, cartography, chart, DOIGC, map, United States  
 Organization: US Geological Survey, National Mapping Division  
 Center Name: US Geological Survey, National Mapping Division  
 Center Type: Geological Survey  
 Address: Earth Science Information Office, US Geological Survey, 509 National Center, Reston, VA 22092  
 Telephone: 703-648-5904  
 Contact: Robert Ferens  
 Coverage: United States  
 Territory: United States

United States (Continued)

Volume: 236,000 records  
Updates: Not listed  
Computers: AMDAHL 5890  
Output: Catalogs, indexes  
Language: English  
Availability: Fees

Reference: USA 40 Entry Number: 341

Database: Marine Geological Sample Index  
Data Type: Numeric  
Data Subject: Marine Geology, Stratigraphy, Paleontology  
Subjects: Index to marine geological samples (cores, grabs, dredges, etc.) archived at the major U.S. oceanographic institutions. Also includes samples from the United Kingdom and Canada. Includes core lithologic descriptions and ages  
Keywords: Marine sediments, absolute age, lithology, global, United States  
Organization: National Geophysical Data Center  
Center Name: National Geophysical Data Center  
Center Type: Governmental organization  
Address: 325 Broadway, Mail Code E/GC3, Boulder, CO 80303 USA  
Telephone: 303-497-6339 Telex: 592811 NOAA Fax: 303-497-6513  
Contact: Carla J. Moore  
Coverage: International data  
Territory: Global  
Volume: 28.5 megabytes, one magnetic tape  
Updates: New data available  
Computers: Sun, Macintosh searches  
Software: "C", Fortran, commercial software "Record Reference Book"  
Output: Interactive, batch, compilation  
Language: English  
Availability: Open, fees

Reference: USA 41 Entry Number: 322

Database: Marine Geology Digital Inventory  
Data Type: Numeric  
Acronym: GEOLIN  
Data Subject: Marine Geology  
Subjects: Marine geology, inventory, sediments, grain size, geochemistry, mineralogy, petrology, engineering properties, acoustics, paleontology, age, geochronology, well logs, marine mineral resources, manganese nodule data, bottom photography  
Keywords: Marine sediments, inventory, absolute age, global, United States  
Organization: National Geophysical Data Center  
Center Name: National Geophysical Data Center  
Center Type: Governmental organization  
Address: 325 Broadway, Mail Code E/GC3, Boulder, CO 80303 USA  
Telephone: 303-497-6338 Telex: 592811 NOAA Fax: 303-497-6513  
Contact: Robin Warnken

# United States (Continued)

Coverage: International data  
Territory: Global ocean  
Volume: 30 megabytes  
Updates: New data available  
Computers: Sperry 1100/62  
Software: System 2000  
Output: Interactive, batch  
Language: English  
Availability: Open, fees

Reference: USA 42 Entry Number: 338

Database: Marine Mineral Bibliography  
Data Type: Bibliographic  
Acronym: MMBIB  
Data Subject: Marine Geology, Metallic and Non-Metallic Mineral Resources  
Subjects: Marine minerals, bibliography, manganese crusts, phosphorite, manganese nodules, polymetallic sulfides, hydrothermal deposits, mineral resources, seabed assessment, geochemical references, offshore exploration, placers, heavy minerals  
Keywords: Manganese nodules, manganese crusts, polymetallic sulfides, phosphorites, placers, heavy minerals, bibliography, United States  
Organization: National Geophysical Data Center  
Center Name: National Geophysical Data Center  
Center Type: Governmental organization  
Address: 325 Broadway, Mail Code E/Gc3, Boulder, CO 80303 USA  
Telephone: 303-497-6339 Telex: 592811 NOAA Fax: 303-497-6513  
Contact: Carla J. Moore  
Coverage: International data  
Territory: Global ocean  
Volume: 5.0 megabytes, 1 CD-Rom  
Updates: New data available  
Computers: Macintosh  
Software: Record Reference Book (tm) by Dataware Technologies Inc  
Output: Interactive, batch  
Language: English  
Availability: Open, fees

Reference: USA 43 Entry Number: 318

Database: Marine Minerals Geochemical Database  
Data Type: Numeric  
Acronym: MMDB  
Data Subject: Marine Geology, Metallic and Non-Metallic Mineral Resources  
Subjects: Marine geology, marine minerals, marine deposits, manganese, manganese nodules, manganese crusts, cobalt crusts, manganese pavements, phosphorites, geochemistry, mineralogy, heavy metals, placers



United States (Continued)

**Keywords:** Geochemistry, mineral composition, manganese nodules, manganese crusts, placers, heavy minerals, phosphorites, global, United States  
**Organization:** National Geophysical Data Center  
**Center Name:** National Geophysical Data Center  
**Center Type:** Governmental Organization  
**Address:** 325 Broadway, Mail Code E/GC3, Boulder, CO 80303 USA  
**Telephone:** 303-497-6339 Telex: 592811 NOAA Fax: 303-497-6513  
**Contact:** Carla J. Moore  
**Coverage:** International data  
**Territory:** Global Ocean  
**Volume:** 16.8 megabytes  
**Updates:** New data available  
**Computers:** PC and McIntosh  
**Software:** Record Reference Book (tm) by Dataware Technologies Inc  
**Output:** Interactive, batch  
**Language:** English  
**Availability:** Open, fees

**Reference:** USA 44                      Entry Number: 328

**Database:** Marine Sediment Grain Size  
**Data Type:** Numeric  
**Data Subject:** Marine Geology, Engineering Geology, Non-Metallic Minerals  
**Subjects:** Detailed sediment size analyses in Phi units, plus statistical size data for over 14,000 stations worldwide. Sources include NOAA, OCSEAP, BLM/OCS studies, and US Naval reports, plus the University of Washington  
**Keywords:** Grain size, marine sediments, gravel, sand, silt, clay, United States  
**Organization:** National Geophysical Data Center  
**Center Name:** National Geophysical Data Center  
**Center Type:** Governmental organization  
**Address:** 325 Broadway, Mail Code E/GC3, Boulder, CO 80303 USA  
**Telephone:** 303-497-6399 Telex: 592811 NOAA Fax: 303-497-6413  
**Contact:** Carla J. Moore  
**Coverage:** International data  
**Territory:** Global ocean  
**Volume:** 6.7 megabytes on one magnetic tape  
**Updates:** New data available  
**Computers:** Sperry 1100/62  
**Software:** System 2000 DBMS  
**Output:** Interactive, batch  
**Language:** English  
**Availability:** Open, fees

**Reference:** USA 45

**Database:** Master Water Data Index  
**Data Type:** Terrestrial  
**Acronym:** MWDI

United States (Continued)

**Data Subject:** Hydrology, water data  
**Subjects:** The Master Water Data Index (MWDI) identifies hydrologic sites for which water data are available. It maintains identification information and a detailed description of each site, including latitude, State, county, hydrologic unit, site type and identification of the operating agency. Information is also present on the types of data available, period of record, water data parameters, frequency of measurement, and the media in which the data are available  
**Keywords:** Groundwater, hydrology, surface water, USGS, water quality, United States  
**Organization:** US Geological Survey, Water Resources Division  
**Center Name:** US Geological Survey, Water Resources Division  
**Center Type:** Geological Survey  
**Address:** US Geological Survey, 421 National Center, Reston, VA 22092  
**Telephone:** 703-648-5761  
**Contact:** Donald J. Dolnack  
**Coverage:** United States  
**Territory:** United States  
**Volume:** 485,000 records with 1,688 bytes per record  
**Computers:** AMDAHL 5890  
**Software:** System 2000  
**Output:** Catalogs, indexes  
**Language:** English  
**Availability:** Restricted (members of the National Water Data Exchange)

**Reference:** USA 46                      Entry Number: 373

**Database:** Mineral Resources Data System  
**Data Type:** Bibliographic  
**Acronym:** MRDS  
**Data Subject:** Metallic and Non-Metallic Mineral Resources  
**Subjects:** The Mineral Resources Data System (MRDS) is a machine readable registry of mineral deposits and occurrence sites. It provides a means for organizing, summarizing and retrieving diverse information on the mineral resources of the U. S. and the world. MRDS is oriented towards mineral deposits and occurrences with most records referring to a specific location and some records to mining district. Records hold nearly 200 fields of information and may include commodity information, exploration and development, description of deposit and workings, geology, production, reserves and resources, and references. MRDS also maintains certain complementary spatial datasets, such as political and administrative boundaries and geology  
**Keywords:** AEDD, Alaska, Alaska directory, Arctic, economic geology, mine, mineral, mineral deposit, United States  
**Organization:** USGS, Geologic Division  
**Center Name:** USGS, Geologic Division, Office of Mineral Resources  
**Center Type:** Geological Survey  
**Address:** U. S. Geological Survey, Reston, VA 22092    USA  
**Telephone:** 703-648-4588  
**Contact:** Ray Arndt  
**Coverage:** International data  
**Territory:** Global  
**Time Period:** Begin: 1972    End: Present  
**Volume:** Approx. 85,000 records

United States (Continued)

Updates: Continuously  
Computers: PRIME 9750  
Output: Interactive, batch  
Language: English  
Availability: Restricted

Reference: USA 47

Database: NASA Aerial Photography  
Data Type: Terrestrial  
Data Subject: Photography  
Subjects: The Database consists of aerial photography that was acquired by the NASA-Ames Research Center, NASA Johnson Space Center (JSC), Wallops Island, Kennedy Space Flight Center (KSFC), and Marshall Space Flight Center (MSFC). Original film types include black and white, black and white infrared, color, and color infrared. Aircraft were equipped with a wide variety of cameras and film types. The photography is accessible through a computerized database that allows users to select frames of specific film type, format size, and scale  
Keywords: AEDD, aerial photography, Arctic, DOIGC, EDC, EROS, imagery, NSA, photography, United States  
Organization: US Geological Survey, National Mapping Division  
Center Name: US Geological Survey, National Mapping Division  
Center Type: Geological Survey  
Address: EROS Data Center, Science and Applications Branch, US Geological Survey, Sioux Falls, SD 57198  
Telephone: 605-594-6001  
Contact: Bryan Bailey  
Coverage: United States  
Territory: United States  
Time Period: Begin: 1965 End: Present  
Volume: 177,000 records with 134 bytes per record  
Computers: PN 6006  
Software: Unify  
Output: Catalogs, indexes  
Language: English

Reference: USA 49 Entry Number: 379

Database: National Coal Resources Data System  
Data Type: Numeric  
Acronym: NCRDS  
Data Subject: Fuels, Energy Resources, Non-Metallic Mineral Resources  
Subjects: The National Coal Resources Data System allows users to interactively retrieve information on coal quantity and quality and to build new resource data from ongoing research on the geology of coal by the U. S. Geological Survey and state agencies. System software can calculate coal resource estimates, generate overburden or interburden distribution, and delineate areas of coal with selected quality parameters (e.g. > 1% sulfur, < 50 ppm zinc, etc.) within specified boundaries. Data may be displayed

# United States (Continued)

descriptively by preformatted tables, user determined listings, and selected statistics or geographically by two and three dimensional diagrams, trend surfaces, and stratigraphic sections

**Keywords:** AEDD, Alaska, Alaska directory, Arctic, borehole, coal, coal bed, coal resources, geology, United States  
**Organization:** USGS, Geologic Division  
**Center Name:** USGS, Geologic Division, Office of Energy and Marine Geology  
**Center Type:** Geological Survey  
**Address:** U. S. Geological Survey, Reston, VA 22092 USA  
**Telephone:** 703-648-6413  
**Contact:** Devereux Carter  
**Coverage:** National data  
**Territory:** United States  
**Time Period:** Begin: 1966 End: Present  
**Computers:** PRIME 9750, 9650  
**Output:** Interactive, batch  
**Language:** English  
**Availability:** Restricted

**Reference:** USA 50

**Database:** National Digital Cartographic Database  
**Data Type:** Terrestrial  
**Acronym:** NDCDB, US GeoData  
**Data Subject:** Topographic maps, digital data, cartography  
**Subjects:** The NDCDB contains a variety of digital data sets. Digital Elevation Models (DEM's): Contains selected US regional coverage of sampled arrays of elevation values covering single 1:24,000 scale topographic quadrangles. Coverage at 1:250,000 scale produced by the Defense Mapping Agency in 1x1 degree blocks is available from the EROS Data center for the conterminous US, Hawaii, and part of Alaska. Intermediate Scale: coverage for the conterminous US of planimetric map features and contours digitized from 1:100,000 scale source maps. The largest amount of coverage exists for hydrography and transportation. Land Use/Land Cover: See ESDI entry for Geographic Information and Analysis System (GIRAS). Large Scale: Contains selected US regional coverage of planimetric map features and contours and also includes digitized source map scales varying from 1:24,000 to 1:62,500. The largest amount of coverage is of the Public Land Survey System (PLSS) and boundary data categories. 1:2 Million scale: Contains nationwide coverage of a variety of planimetric features digitized from the National Atlas  
**Keywords:** AEDD, Alaska, Alaska Directory, Arctic, cartography, DEM, DMA, DOIGC, EDC, elevation, EROS, geodata, GIS, hydrology, hysography, map, topography, United States  
**Organization:** US Geological Survey, National Mapping Division  
**Center Name:** US Geological Survey, National Mapping Division  
**Center Type:** Geological Survey  
**Address:** Reston Earth Science Information Center, 507 National Center, Reston, VA 22092  
EROS Data Center, Science and Application Branch, U.S. Geological Survey, Sioux Falls, SD 57198  
**Telephone:** 703-648-5582  
**Contact:** Teresa Dean  
**Coverage:** United States (under development)  
**Territory:** United States  
**Time Period:** Begin: 1972 End: Present

# United States (Continued)

Computers: AMDAHL 5890  
Output: Digital data sets  
Availability: Fees

Reference: USA 51 Entry Number: 374

Database: National Earthquake Information Systems  
Data Type: Numeric  
Acronym: NEIS  
Data Subject: Geophysics  
Keywords: Earthquakes, global, United States  
Organization: USGS, Geologic Division, Office of Earthquakes, Volcanoes and Engineering  
Center Name: USGS, Geologic Division  
Center Type: Geological Survey  
Address: U. S. Geological Survey, 25046 Denver Federal Center MS 967 Denver, CO 80225-0046  
Telephone: 303-273-8500  
Contact: Waverly Person  
Coverage: International data  
Territory: Global  
Time Period: Begin: 1966 End: Present  
Computers: DEC PDP 11/70, VAX 780  
Output: Interactive, batch, compilation, reports, bulletins  
Language: English  
Availability: Open

Reference: USA 52

Database: National Energy Research Seismic Library  
Data Type: Numerical  
Acronym: NERSL  
Data Subject: Geophysics  
Subjects: The National Energy Research Seismic Library consists of primarily digital multichannel seismic reflection data for selected portions of the United States onshore and offshore regions. The library contains both unprocessed field information and processed data along with its support data. Portions of the NERSL have been published on CD-ROM  
Keywords: AEDD, Arctic, DOIGC, NERSL, seismic, seismology, United States  
Organization: US Geological Survey, Geologic Division  
Center Name: US Geological Survey, Geologic Division  
Center Type: Geological Survey  
Address: US Geological Survey, Geologic Division, MS 960, PO Box 25046, Denver, CO 80225  
Telephone: 303-236-5711  
Contact: David J. Taylor  
Coverage: United States, international waters  
Territory: United States  
Time Period: Begin: 1973 End: Present  
Volume: 1,000,000 records  
Computers: DEC VAX 11/780

United States (Continued)

Output: Report sets, maps, digital and analog geophysical data  
Language: English

Reference: USA 53 Entry Number: 334

Database: National Ocean Survey Hydrographic Database  
Data Type: Numeric  
Acronym: NOS  
Data Subject: Marine Geology, Geophysics, Regional Geology, Mapping Geology  
Subjects: Bathymetric soundings and data on hazards to navigation from US coastal areas, coastal areas around some US Territories, and some major US lakes  
Keywords: Ocean bottom, sounding, bathymetry, coastal, United States  
Organization: National Geophysical Data Center  
Center Name: National Geophysical Data Center  
Center Type: Governmental organization  
Address: 325 Broadway, Mail Code E/GC3, Boulder, CO 80303 USA  
Telephone: 303-497-6338 Telex: 592811 NOAA Fax: 303-497-6413  
Contact: Robin Warnken  
Coverage: Regional data  
Territory: U.S. coastal waters and major U.S. lakes  
Time Period: Begin: Jan 1930 End: Present  
Volume: 1,152 megabytes, 18 magnetic tapes  
Updates: New data available  
Computers: Sun Workstations, PC  
Output: Magnetic Media  
Language: English  
Availability: Open, fees

Reference: USA 54 Entry Number: 376

Database: National Uranium Resource Evaluation Database (NURE)  
Data Type: Numeric  
Acronym: NURE  
Data Subject: Fuels, Energy Resources, Mineral Resources  
Subjects: From 1974 to 1980, the Federal Government systematically evaluated the uranium resources of the conterminous United States and Alaska. Earth-science research in the National Uranium Resource Evaluation (NURE) Program included hydrogeochemical and stream sediment sampling, coordinated rock sampling and analysis, airborne radiometric and magnetic surveys, geologic investigations, technology application studies, development of resource estimation methodologies, and uranium resource evaluations. Geochemical methods included DNC (Delayed Neutron Counting), KUT (Multichannel Gamma Spectrometry), NAA (Neutron Activation Analysis), XRF (X-Ray Fluorescence), E-SPEC (Emission Spectrometry), F-SPEC (Fluorescence Spectrometry), M-SPEC (Mass Spectrometry), AA (Atomic Absorption), turbidimetry, and colorimetry. Borehole logs include SP (Spontaneous Potential), resistance and resistivity, density, spectral (KUT) and

United States (Continued)

gross gamma, neutron (porosity and assay), caliper, borehole drift, MS (Magnetic Susceptibility) and sonic

**Keywords:** AEDD, Arctic, DOIGC, EDC, EROS, gamma-ray, geochemical, geology, geophysical, magnetics, mine, mineral, radiometric, sediment, stream, uranium, United States

**Organization:** USGS, National Mapping Division

**Center Name:** EROS Data Center

**Center Type:** Geological Survey

**Address:** EROS Data Center, Science and Applications Branch, US Geological Survey, Sioux Falls, SD 57198

**Telephone:** 605-594-6114

**Contact:** Charles Trautwein

**Coverage:** Regional data

**Territory:** United States

**Time Period:** Begin: 1974 End: 1980

**Volume:** 8,000 records, 349 bytes per record

**Updates:** No

**Computers:** PN6006

**Software:** Unify

**Output:** Batch

**Language:** English

**Availability:** Restricted

**Reference:** USA 55

**Database:** National Water Data Exchange

**Data Type:** Bibliographic

**Acronym:** NAWDEX

**Data Subject:** Hydrology, water data

**Subjects:** NAWDEX provides a nationwide indexing service. This computerized index identifies over 450,000 sites for which water data are available from over 450 organizations, the geographic locations of these sites, the collecting organizations, the types of data available, the periods of time for which data are available, the major parameters and the frequencies of measurement, and the media on which the data are stored

**Keywords:** AEDD, Alaska, Alaska Directory, aquifer, Arctic, groundwater, hydrology, surface water, United States

**Organization:** US Geological Survey, Water Resources Division

**Center Name:** US Geological Survey, Water Resources Division

**Center Type:** Geological Survey

**Address:** US Geological Survey, 421 National Center, Reston, VA 22092

**Telephone:** 703-648-5684

**Contact:** Owen Williams

**Coverage:** United States

**Territory:** United States

**Time Period:** Begin: 1976 End: Present

**Computers:** AMDAHL 5890

**Output:** Catalogs, indexes

**Language:** English

United States (Continued)

Reference: USA 56 Entry Number: 382

Database: National Water Data Storage and Retrieval System  
 Data Type: Numeric Bibliographic  
 Acronym: WATSTORE  
 Data Subject: Hydrogeology  
 Subjects: The U. S. Geological Survey investigates the occurrence, quantity, quality, distribution, and movement of the surface and underground waters that comprise the Nation's water resources. It is the principal Federal water data agency and, as such, collects and disseminates about 70% of the water data currently being used by numerous State, local, private, and other Federal agencies to develop and manage our water resources. As part of the Geological Survey's program of releasing water data to the public, the National Water Data Storage and Retrieval System was established in 1971 to provide for more effective and efficient release of water data and information

Keywords: AEDD, Alaska, Alaska directory, Arctic, ground water, hydrology, surface water, water, water quality, United States

Organization: USGS, Water Resources Division  
 Center Name: USGS, Water Resources Division  
 Center Type: Geological Survey  
 Address: U. S. Geological Survey, Reston, VA 22092 USA  
 Telephone: 703-648-5624  
 Contact: John Briggs  
 Coverage: National data  
 Territory: United States  
 Time Period: Begin: 1971 End: Present  
 Updates: Continuous  
 Computers: AMDAHL 5890  
 Output: Interactive, batch, compilation, reports, bulletins  
 Language: English  
 Availability: Open

Reference: USA 57 Entry Number: 359

Database: Necor Luri Sea Beam Data  
 Data Type: Numeric  
 Data Subject: Geophysics, Marine Geology, Regional Geology, Mapping Geology  
 Subjects: SEA BEAM data are in a multibeam format. The data presently covers 46 cruises aboard the R/V's Robert Conrad Lamont-Doherty) and Atlantis II (Woods Hole). Both transit and survey data are available

Keywords: SEA BEAM, bathymetry, navigation, marine geology, United States

Organization: University of Rhode Island, Northeast Consortium for Oceanographic Research  
 Center Name: Sea Beam Development Center  
 Center Type: Regional institute  
 Address: PO Box 75, South Ferry Road, Narragansett, RI 02882 USA  
 Telephone: 401-792-6879  
 Contact: Joyce E. Miller  
 Coverage: International data  
 Territory: Global  
 Time Period: Begin: Jan 1984 End: Present  
 Volume: 6,000 megabytes



# United States (Continued)

Updates: Monthly  
Computers: VAX 750/ Microvax II, VMS operating system  
Software: Locally written software  
Output: Interactive, batch, microforms, reports, bulletins  
Availability: Open, fees

Reference: USA 48

Database: NMD Research Reference Collection  
Data Type: Bibliographic  
Data Subject: Geography, cartography  
Subjects: The NMD Research Reference Collection consists of over 3,000 volumes in the fields of cartography (traditional and automated), geography and Geographic Information Systems (GIS), the environment, land use and land cover studies, natural resources planning, remote sensing studies, space sciences and earth resources satellites, computer sciences and engineering, surveying, photogrammetry, and geodesy as well as periodicals and journals in these fields  
Keywords: Cartography, environment, geography, GIS, land cover, land use, natural resources, remote sensing, United States  
Organization: US Geological Survey, National Mapping Division  
Center Name: US Geological Survey, National Mapping Division  
Center Type: Geological Survey  
Address: NMD Office of Geographic and Cartographic Research, 522 National Center, Reston, VA 22092  
Telephone: 703-648-4559  
Contact: Betty Graziani  
Coverage: United States, solar system  
Territory: United States  
Volume: 3,150 records with 1,090 bytes per record  
Computers: IBM-PC Compatible  
Software: dBASE III+  
Output: Catalogs, indexes  
Language: English

Reference: USA 58 Entry Number: 309

Database: Nuclear Test Program - Earth Sciences Department Containment  
Data Type: Numeric  
Acronym: CDB  
Subjects: Nuclear test effects, drillhole information, geophysical log data, stratigraphic data  
Keywords: Nuclear explosions, drilling, stratigraphy, geophysics, United States  
Organization: Containment Program, Lawrence Livermore National Laboratory, Earth Science Department  
Center Name: Lawrence Livermore National Laboratory, Earth Science Dept  
Center Type: Governmental organization  
Address: PO Box 808, L-221, Livermore, California, USA  
Telephone: 415-423-0437 Telex N.A  
Contact: G. A. Pawloski  
Coverage: Local data

United States (Con't)

Territory: Nevada Test Site  
Time Period: Begin: Early 1960 End: Present  
Volume: 26,000 disk blocks of data  
Updates: Daily  
Computers: VAX 8350  
Software: Database System Manager=Ingres  
Output: Interactive, compilation  
Language: English  
Availability: Restricted

Reference: USA 89

Database: Ocean Drilling Program  
Data Type: Numeric  
Acronym: DATABASE  
Data Subject: General Geosciences  
Subjects: Geological and Geophysical data collected on Joides Resolution (1984-Present) & Geomar Challenger (1968-1983) drillships. ODP and DSDP core data and photographs  
Keywords: Geochemistry, physical properties, geophysics, stratigraphy, lithology, igneous - metamorphic petrology, United States  
Organization: Ocean Drilling Program  
Center Name: Ocean Drilling Program  
Center Type: International Organization  
Address: Database Group, Ocean Drilling Program, 1000 Discovery Drive, Tamu Research Park, College Station, TX 77845-9547 USA  
Telephone: 409-845-8495  
Contact: Joan Perry  
Coverage: International data  
Territory: Worldwide  
Time Period: Begin: 1968 End: Present  
Volume: Multiple datasets, variable sizes  
Updates: six times per year  
Computers: VAX  
Software: System 1032, Software house  
Output: Machine readable batch, printed data compilations,  
Language: English  
Availability: Fees

Reference: USA 59 Entry Number: 386

Database: Pacific Marine Geology Sample Oriented Digital Database  
Data Type: Numeric  
Acronym: PMG-SPL  
Data Subject: Marine Geology  
Subjects: Summary level: each PMG cruise description Inventory level: each individual sampling activity, results of tests and assessments

United States (Con't)

**Keywords:** Marine geology, sediments, biology, Arctic Ocean, Pacific Ocean, United States  
**Organization:** USGS, Geologic Division  
**Center Name:** USGS, Geologic Division, Branch Of Pacific Marine Geology  
**Center Type:** Geological Survey  
**Address:** Geologic Division, MS 999, 345 Middlefield Road, Menlo Park, CA 94025 USA  
**Telephone:** 415-354-3170 Fax: 415-354-3224  
**Contact:** Clint Steele  
**Coverage:** International data  
**Territory:** Pacific and Arctic Oceans Basins  
**Time Period:** Begin: 1964 End: Present  
**Volume:** 20,000 records, 150 bytes per record  
**Computers:** SUN 100U  
**Software:** Empress Dbms  
**Output:** Interactive, batch, compilation  
**Language:** English  
**Availability:** Restricted

**Reference:** USA 60

**Database:** Peak Flow File  
**Data Type:** Numeric  
**Acronym:** PKFIL  
**Data Subject:** Water, streamflow  
**Subjects:** This data set part of WATSOTRE; contains annual maximum (peak) streamflow (discharge) and gage height (stage) values at surface water sites  
**Keywords:** AEDD, Arctic, groundwater, hydrology, stream, streamflow, United States  
**Organization:** US Geological Survey, Water Resources Division  
**Center Name:** US Geological Survey, Water Resources Division  
**Center Type:** Geological Survey  
**Address:** US Geological Survey, 437 National Center, Reston, VA 22092  
**Telephone:** 703-648-5624  
**Contact:** John C. Briggs  
**Coverage:** United States and Territories  
**Territory:** United States and Territories  
**Volume:** 513,821 records with 560 bytes per record  
**Computers:** AMDAHL 5890  
**Output:** Annual report  
**Language:** English

**Reference:** USA 61 Entry Number: 383

**Database:** Petroleum Data System  
**Data Type:** Numeric Bibliographic  
**Acronym:** PDS  
**Data Subject:** Fuels and Energy Resources  
**Subjects:** The Petroleum Data System Database is a product of Petroleum Information Systems.

United States (Continued)

The data is organized into 9 geographic regions. For each region there are files for oil and gas, field and pool information on locations, oil and gas analyses, production data, well counts, and discovery well data

**Keywords:** AEDD, Alaska, Alaska directory, Arctic, chemical, chemical analyses, crude oil, digital, gas, geology, natural gas, oil, petroleum, United States  
**Organization:** USGS, Geologic Division  
**Center Name:** USGS, Geologic Division, Office of Energy and Marine Geology  
**Center Type:** Geological Survey  
**Address:** U. S. Geological Survey, Denver, CO USA  
**Telephone:** 303-236-5782  
**Contact:** Kenneth Tokahashi  
**Coverage:** National data  
**Territory:** United States  
**Volume:** 97,600 records  
**Computers:** DEC VAX 11/780  
**Output:** Interactive, batch  
**Language:** English  
**Availability:** Restricted

**Reference:** USA 62                      Entry Number: 347

**Database:** Petroleum Information On-Line Service  
**Data Type:** Numeric Bibliographic  
**Acronym:** PI ONL  
**Data Subject:** Fuels, Energy Resources  
**Subjects:** Covers wells (gas, oil, supply) from permit to production:  
6 Databases available:  
    1) permit  
    2) active  
    3) historical  
    4) production  
    5) statistics  
    6) PDS - field level data  
Databases vary in size - example 1.9 million wells with hundreds of data elements per well

**Keywords:** Petroleum, well logs, United States  
**Organization:** Petroleum Information - Well Data Technology  
**Center Type:** Information center, library  
**Address:** P.O. Box 2612, Denver, CO 80201 USA  
**Telephone:** 303-740-7100  
**Contact:** Steven Glover  
**Coverage:** National data  
**Territory:** Entire USA historically, production west of Mississippi River  
**Volume:** Varies according to file (See Subjects)  
**Updates:** Daily and monthly  
**Computers:** IBM 3082 & 3081  
**Software:** M204

United States (Continued)

Output: Interactive, batch, microforms, compilation, reports, bulletin  
Language: English  
Availability: Open, restricted, fees, network

Reference: USA 63 Entry Number: 316

Database: Petros Version 6.1  
Data Type: Numeric  
Acronym: PETROS  
Data Subject: Petrology, Igneous, Metamorphic, Marine Geology  
Subjects: Worldwide compilation of the chemical composition of igneous rocks. Each sample is analyzed for at least 8 major oxides. Petrologic provinces are given. Includes bibliographic references and calculated values for "major rock types".  
Over 37,000 analyses  
Keywords: Igneous rocks, geochemistry, mineral composition, global, United States  
Organization: National Geophysical Data Center  
Center Name: National Geophysical Data Center  
Center Type: Governmental organization  
Address: 325 Broadway, Mail Code E/GC3, Boulder, CO 80303 USA  
Telephone: 303-497-6339 Telex: 592811 NOAA Fax: 303-497-6513  
Contact: Carla J. Moore  
Coverage: International data  
Territory: Global  
Volume: 10.2 megabytes on one magnetic tape  
Updates: New data available  
Software: None presently available - will be under a PC  
Output: Batch  
Language: English  
Availability: Open, fees

Reference: USA 65

Database: Radiometric Age Data Bank  
Data Type: Text Numeric  
Acronym: RADB  
Data Subject: Isotopic Ages  
Subjects: RADB is a file of isotopic ages covering nearly the entire geologic time scale. Tabulated isotopic ages are K-Ar, Rb-Sr, U-Pb, fission tract, and/or Pb-Alpha. RADB records contain the following information for each dated sample: location section (state, county, USGS quadrangle, latitude and longitude), sample section (rock name, description and lexicon age), analytical section (rock or mineral analysed, pertinent analytical data and calculated isotopic age), and the published reference for the listed age  
Keywords: AEDD, age determinations, Arctic, DOIGC, geology, isotopic, radiometric, United States  
Organization: US Geological Survey, Geologic Division  
Center Name: US Geological Survey, Geologic Division  
Center Type: Geological Survey  
Address: US Geological Survey, Geologic Division, PO Box 25046, MS 963, Denver, CO 80225  
Telephone: 303-236-7886 Fax: 303-236-4930

# United States (Continued)

**Contact:** Robert Zartman  
**Coverage:** United States  
**Territory:** United States  
**Time Period:** Begin: 1975 End: 1987  
**Volume:** 16,448 records  
**Computers:** AMDAHL 5890  
**Software:** Gipsy  
**Language:** English

**Reference:** USA 66                      Entry Number: 384

**Database:** Rock Analysis Storage System  
**Data Type:** Numeric Bibliographic  
**Acronym:** RASS  
**Data Subject:** Geochemistry, Isotopes, Regional Geology, Mapping Geology  
**Subjects:** The Rock Analysis Storage System was developed to store and retrieve chemical analyses using geologic and location attributes as query parameters. Some attributes are material, sample type, sample source, rock type, geologic age, rock name, formation, and latitude and longitude, or, in some cases, UTM. Parameters of the coding scheme permit only certain characteristics of the sample and do not provide for a full description. Only observable characteristics can be coded at the time of collection; however, additional coding or corrections can be entered into the system at a later date. All analytical results for each element are stored separately according to the method and unit of measure. These data are consequently used in statistical analysis, plotting outlines, and terminal graphics

**Keywords:** AEDD, Alaska, Alaska directory, Arctic, chemical, flood zone, geologic age, geology, rock, United States

**Organization:** USGS, Geologic Division  
**Center Name:** USGS, Geologic Division, Office of Mineral Resources  
**Center Type:** Geological Survey  
**Address:** U. S. Geological Survey, Box 24056, MS 973, Denver Federal Center, Denver, CO 80225

**Telephone:** 303-236-1187  
**Contact:** Steve McDanal  
**Coverage:** National data  
**Territory:** United States  
**Time Period:** Begin: 1965 End: Present  
**Volume:** 500,000 records  
**Computers:** Data General MV6000  
**Output:** Interactive, batch  
**Language:** English  
**Availability:** Open

**Reference:** USA 64                      Entry Number: 351

**Database:** RSMAS/SATDAT  
**Data Type:** Numeric  
**Acronym:** SATDAT

United States (Continued)

Data Subject: Remote Sensing, General Geosciences  
Subjects: Satellite sea surface temperature and color  
Keywords: Remote sensing, satellite surveys, Atlantic Ocean, West Indian Ocean, sea water, temperature, United States  
Organization: University of Miami Rosensteil School of Marine and Atmospheric Science, Division of Meteorology and Physical Oceanography  
Center Name: Division of Meteorology and Physical Oceanography  
Center Type: University, special schools  
Address: 4600 Rickenbacker Causeway, Miami, FL 33149-1098 USA  
Telephone: 305-361 4018 Telex 8108486067  
Contact: Robert H. Evans  
Coverage: Regional data  
Territory: North and South Atlantic and West Indian Oceans  
Time Period: Begin: 1979 End: Present  
Volume: > 300 gigabytes  
Updates: Daily  
Computers: VAX 780, MICRO-VAX SERIES  
Software: DEC Rdb + in house  
Output: Interactive  
Language: English  
Availability: Fees, network

Reference: USA 90

Database: Sample investigations and published work  
Data Type: Bibliographic  
Acronym: SAMREQ  
Data Subject: General geosciences  
Subjects: Names and addresses of scientists who requested samples, broad description of their proposed research, citations of publications  
Keywords: Scientists, research, publications, samples, addresses, obligations, United States  
Organization: Ocean Drilling Program  
Center Name: Ocean Drilling Program  
Center Type: Government Organization  
Address: Ocean Drilling Program 1000 Discovery Drive College Station, TX 77845-9547  
Telephone: 409-845-2673  
Contact: Christine Mato  
Coverage: International data  
Territory: Not listed  
Time Period: Begin: 1984 End: Present  
Updates: Daily  
Computers: VAX 8350, VAX 3100, VAX 11-750, Microvax II  
Software: System 1032

Reference: USA 67 Entry Number: 315

Database: Satellite Geomagnetic Data  
Data Type: Numeric

# United States (Continued)

**Acronym:** MAGSAT  
**Data Subject:** Remote Sensing, Geophysics  
**Subjects:** Global satellite geomagnetic data  
**Keywords:** Magnetic surveys, remote sensing, satellite methods, United States  
**Organization:** National Geophysical Data Center  
**Center Name:** National Geophysical Data Center  
**Center Type:** Governmental organization  
**Address:** 325 Broadway, Mail Code E/GC1, Boulder, CO 80303 USA  
**Telephone:** 303-497-6128 Telex: 592811 NOAA Fax: 303-497-6513  
**Contact:** Ronald Buhmann  
**Coverage:** International data  
**Territory:** Global  
**Time Period:** Begin: Jan 1965 End: May 19, 1980  
**Volume:** 820 megabytes  
**Updates:** New data available  
**Computers:** UNIVAC  
**Software:** Fortran  
**Output:** Batch  
**Language:** English  
**Availability:** Open, fees

**Reference:** USA 68

**Database:** Scientific Committee on Antarctic Research Aerial Photography  
**Data Type:** Photography  
**Acronym:** SCAR Aerial Photo  
**Data Subject:** Aerial Photography, Antarctic  
**Subjects:** The SCAR Collection is the largest file of Antarctic aerial photographs in the world. Aerial photography has been acquired utilizing various mapping cameras and film types. The majority of the film is black and white with some recent color or color-infrared photos. From 1946 to 1975 trimetrogon cameras (vertical, left oblique, right oblique) were used and since 1975 the majority of photographs have been acquired with a single vertical camera  
**Keywords:** AEDD, aerial photography, Antarctic, Arctic, DOIGC, EDC, EROS, imagery, photography, United States  
**Organization:** US Geological Survey, National Mapping Division  
**Center Name:** US Geological Survey, National Mapping Division  
**Center Type:** Geological Survey  
**Address:** EROS Data Center, Customer Services Section, US Geological Survey, Sioux Falls, SD 57198  
**Telephone:** 605-594-6091  
**Contact:** Tim Smith  
**Coverage:** Antarctic  
**Territory:** Antarctic  
**Time Period:** Begin: 1946 End: Present  
**Volume:** 5,200 records with 88 bytes per record  
**Computers:** PN 6006  
**Software:** Unify  
**Output:** Catalogs, indexes, photographs  
**Language:** English



United States (Continued)

Reference: USA 69 Entry Number: 336

Database: Seg-Y Digital Marine Seismic Reflection Data  
 Data Type: Numeric  
 Data Subject: Marine Geology, Geophysics, Tectonics, Structural Geology  
 Subjects: Digital marine seismic reflection data  
 Keywords: Marine methods, geophysical surveys, seismic surveys, reflection method, United States  
 Organization: National Geophysical Data Center  
 Center Name: National Geophysical Data Center  
 Center Type: Governmental organization  
 Address: 325 Broadway, Mail Code E/GC3, Boulder, CO 80303 USA  
 Telephone: 303-497-6542 Telex: 592811 NOAA Fax: 303-497-6513  
 Contact: Dan Metzger  
 Coverage: International data  
 Territory: Worldwide  
 Time Period: Begin: Jan 1, 1960 End: Present  
 Volume: 0.004 megabytes  
 Updates: New data available  
 Computers: Sun Unix  
 Output: Batch  
 Language: English  
 Availability: Open, fees

Reference: USA 70

Database: Seismic Data Analysis System  
 Data Type: Numeric  
 Acronym: SEDAS  
 Data Subject: Earthquakes, seismology  
 Subjects: The National Earthquake Information Service is responsible for collecting seismic data from various monitoring stations around the world, then determining and publishing the origin, time, location, depth, magnitude and other characteristics of each earthquake. The NEIS receives information by real-time direct transmission from monitoring centers, by airmail delivery from stations outside the US, by direct computer link and from other available sources. For severe earthquakes, the NEIS provides an earthquake alert service in order to mobilize emergency aid facilities. Additional processing of the data to determine various earthquake characteristics leads to regularly published reports which are distributed on a worldwide basis to every institute involved in earthquake research  
 Keywords: AEDD, Alaska, Alaska Directory, Arctic, earthquake, epicenter, geology, global, seismology, United States  
 Organization: US Geological Survey, Geologic Division  
 Center Name: US Geological Survey, Geologic Division  
 Center Type: Geological Survey  
 Address: US Geological Survey, Geologic Division, PO Box 25046, MS 967, Denver, CO 80225  
 Telephone: 303-236-1500 Fax: 303-273-8450  
 Contact: Waverly Person  
 Coverage: World-wide  
 Territory: World-wide

United States (Continued)

Time Period: Begin: 1966 End: Present  
Computers: DEC 8350  
Software: Designed in-house  
Output: Catalogs, indexes, publications, machine readable data files  
Language: English  
Availability: Subscriptions, on request

Reference: USA 71

Database: Selected Water Resources Abstracts Database  
Data Type: Bibliographic  
Acronym: SWRA  
Data Subject: Hydrology, water resources  
Subjects: The online bibliographic Database grows about 10,000 abstracts annually, with the cumulative number of searchable references to the literature reaching 250,000 in 1991. The file is searchable by title, author, sponsoring organization, research organization, and subject index word. The Database is commercially searchable worldwide through Dialog Information Services, Inc., Palo Alto, California. In addition, computer tapes may be leased from the National Technical Information Service (NTIS), Springfield, Virginia. The Database is also available on CD-ROM from (1) National Information Services Corporation (NISC), Baltimore, Maryland and (2) Online Computer Library Center, Inc., Dublin, Ohio  
Keywords: AEDD, Arctic, hydrology, US, USGS, water, water quality, water resources, water supply, United States  
Organization: US Geological Survey, Water Resources Division  
Center Name: US Geological Survey, Water Resources Division  
Center Type: Geological Survey  
Address: Water Resources Scientific Information Center, US Geological Survey, Water Resources Division, 425 National Center, Reston, VA 22092  
Telephone: 703-648-6820 Fax: 703-648-5704  
Contact: Raymond A. Jensen  
Coverage: Worldwide  
Territory: Worldwide  
Time Period: Begin: 1968 End: Present  
Volume: 185,000 records with 15,000 bytes per record  
Output: Catalogs, indexes  
Language: English  
Availability: Online, through vendors

Reference: USA 72

Database: Side Looking Airborne Radar Data  
Data Type: Terrestrial  
Acronym: SLAR  
Data Subject: Radar  
Subjects: Side Looking Airborne Radar (SLAR) imagery and digital data are available from the US Geological Survey (USGS) for selected project areas in the conterminous United States and Alaska. Data are x-band synthetic aperture radar (horizontally transmitted,

United States (Continued)

horizontally received) with exception of some test sites. New coverage is contracted on a yearly basis

Keywords: AEDD, Arctic, DOIGC, EDC, EROS, imagery, radar, SAR, SLAR, United States  
Organization: US Geological Survey, National Mapping Division  
Center Name: US Geological Survey, National Mapping Division  
Center Type: Geological Survey  
Address: EROS Data Center, Science and Application Branch, US Geological Survey, Sioux Falls, SD 57198  
Telephone: 605-594-6046  
Contact: David Meyer  
Coverage: United States  
Territory: United States  
Time Period: Begin: 1980 End: Present  
Volume: 2,838 records with 53 bytes per record  
Computers: PN6006  
Software: Unify  
Output: Indexes, images, digital data, mission flight logs  
Language: English

Reference: USA 73

Database: Space Shuttle Hand Held and LFC Photography  
Data Type: Terrestrial  
Data Subject: Photography, large format camera (LFC)  
Subjects: Space Shuttle astronauts have taken photographs with the Hasselblad model 500 EL/M and Aero Linhof Technika 45 hand-held cameras. About 85% of these photographs are Earth-looking views. The rest show satellite deployments, extravehicular activities, and astronaut activities in the cabin. Most of the photographs are in natural color. The Large Format Camera was used to acquire very high resolution images of the Earth's surface

Keywords: DOIGC, EDC, EROS, imagery, photography, United States  
Organization: US Geological Survey, National Mapping Division  
Center Name: US Geological Survey, National Mapping Division  
Center Type: Geological Survey  
Address: EROS Data Center, US Geological Survey, Sioux Falls, SD 57198  
Telephone: 605-594-6091  
Contact: Tim Smith  
Coverage: Global  
Territory: Global  
Time Period: Begin: 1981 End: Present  
Volume: 592 records with 88 bytes per record  
Computers: PN6006  
Software: Unify  
Output: Catalogs, indexes, photographs  
Language: English  
Availability: Fees, restricted

# United States (Continued)

Reference: USA 74

Database: Spacecraft Photos  
 Data Type: Photography  
 Data Subject: Photography, Gemini, Apollo, Apollo-Soyuz, Skylab  
 Subjects: The GEMINI Collection includes photographs of geologic, meteorologic, and oceanographic targets and of the First Walk In Space and the first photograph of the Solar Eclipse from Space. The APOLLO photography was the first of the Earth's surface in three spectral bands and helped pave the way for Landsat and Skylab. It also includes lunar mapping photographs, full views of the Earth and Moon and photographs of the first landing of men on the Moon. APOLLO-SOYUZ was the first international manned space flight and included the Earth Observation and Photography Experiment to collect data for geology, oceanography, hydrology, meteorology, and environmental science research. The SKYLAB photographs cover a number of select weather sites  
 Keywords: DOIGC, EDC, EROS, imagery, lunar, photography, United States  
 Organization: US Geological Survey, National Mapping Division  
 Center Name: US Geological Survey, National Mapping Division  
 Center Type: Geological Survey  
 Address: EROS Data Center, US Geological Survey, Sioux Falls, SD 57198  
 Telephone: 605-594-6091  
 Contact: Tim Smith  
 Coverage: Global  
 Territory: Global  
 Time Period: Begin: 1965 End: 1974  
 Volume: 478 records with 134 bytes per record  
 Computers: PN6006  
 Software: Unify  
 Output: Catalogs, indexes, photographs  
 Language: English  
 Availability: Fees, restricted

Reference: USA 75

Database: Station Header File  
 Data Type: Terrestrial  
 Acronym: WRD.STAHDR  
 Data Subject: Hydrology, water quality  
 Subjects: The Station Header File provides a single source of station identification information for all WATSTORE data-processing programs. The station header record contains latitude and longitude, State code, agency code, and station name  
 Keywords: AEDD, Arctic, Canada, hydrology, Mexico, station, United States  
 Organization: US Geological Survey, Water Resources Division  
 Center Name: US Geological Survey, Water Resources Division  
 Center Type: Geological Survey  
 Address: US Geological Survey, 437 National Center, Reston, VA 22092  
 Telephone: 703-648-5624  
 Contact: John C. Briggs  
 Coverage: United States, Canada, Mexico  
 Territory: United States, Canada, Mexico  
 Time Period: Begin: 1972 End: Present

United States (Continued)

Volume: 871,444 records with 152 bytes per record  
Computers: AMDAHL 5890  
Software: PL/1  
Language: English

Reference: USA 76 Entry Number: 329

Database: Tsunami Historical File  
Data Type: Numeric  
Data Subject: Seismology, Environmental Geology, Regional Geology  
Subjects: Information contains cause of event and source location, magnitude of generating earthquake and tsunami, wave height, description of damage, number of deaths and event validity  
Keywords: Tsunamis, run up heights, United States  
Organization: World Data Center-A For Solid Earth Geophysics  
Center Name: World Data Center-A For Solid Earth Geophysics  
Center Type: Governmental organization  
Address: 325 Broadway, Mail Code E/GC1, Boulder, CO 80303 USA  
Telephone: 303-497-6764 Telex: 592811 NOAA Fax: 303-497-6513  
Contact: Lee Row  
Coverage: International data  
Territory: Worldwide  
Volume: 0.91 megabytes  
Updates: New data available  
Computers: IBM-PC  
Software: dBASE III programs to link, sort and search  
Output: Interactive, batch, compilation  
Language: English  
Availability: Open, fees

Reference: USA 77

Database: U.S. Government Aerial Photography  
Data Type: Terrestrial  
Data Subject: Aerial photography  
Subjects: Department of Defense (DOD) Photography: Contains aerial photographs acquired by the Army Map Service, Air Force and Navy from the 50's through the 70's of the conterminous, Alaska, American Samoa and trust territories of the Pacific Islands. Corps of Engineers photography of the shorelines of the Great Lakes, Missouri and Vermont are also available. Department of the Interior (DOI) and Miscellaneous photography: Partial collection of aerial photography acquired by the Bureau of Reclamation (BOR), Bureau of Land Management (BLM), Bureau of Indian Affairs (BIA), National Park Service (NPS), and Environmental Protection Agency (EPA). Coverage includes the western US, western National Parks, barrier islands, Virgin Islands, Puerto Rico, and selected EPA sites around the US  
Keywords: Aerial photography, BIA, BLM, BOR, DOD, DOI, EDC, EPA, EROS, imagery, NPS, United States  
Organization: US Geological Survey, National Mapping Division

United States (Continued)

Center Name: US Geological Survey, National Mapping Division  
Center Type: Geological Survey  
Address: EROS Data Center, Science and Application Branch, US Geological Survey, Sioux Falls, SD 57198  
Telephone: 605-594-6007  
Contact: Robert Haas  
Coverage: United States  
Territory: United States  
Time Period: Begin: 1940 End: Present  
Volume: 38,000 records with 134 bytes per record  
Computers: PN6006  
Software: Unify  
Output: Photography  
Language: English  
Availability: Fees

Reference: USA 78 Entry Number: 319

Database: U.S. Topography Data  
Data Type: Numeric  
Data Subject: Regional Geology, Mapping Geology  
Subjects: 3 minute average, 1 minute average, 30 second average, and 30 second point topography data for the United States  
Keywords: Elevation, topography, United States  
Organization: National Geophysical Data Center  
Center Name: National Geophysical Data Center  
Center Type: Governmental organization  
Address: 325 Broadway, Mail Code E/GC1, Boulder, CO 80303 USA  
Telephone: 303-497-6764 Telex: 592811 NOAA Fax: 303-497-6513  
Contact: Lee Row  
Coverage: National data  
Territory: Conterminous United States  
Time Period: Begin: 1960 End: Present  
Volume: 165.5 megabytes  
Updates: New data available  
Computers: UNIVAC, IBM PC/AT  
Software: Fortran, "C"  
Output: Batch, compilation  
Language: English  
Availability: Open, fees

Reference: USA 81 Entry Number: 385

Database: Underway Geophysical (Non-Seismic) Data Archive  
Data Type: Numeric  
Acronym: UGDA  
Data Subject: Marine Geology, Geophysics  
Keywords: Marine geology, geophysical surveys, Arctic region, Pacific Ocean, United States

United States (Continued)

Organization: USGS, Geologic Division  
Center Name: USGS, Geologic Division, Office of Energy and Marine Geology  
Center Type: Geological Survey  
Address: U. S. Geological Survey, MS 999, 345 Middlefield Road, Menlo Park, Ca 94025 USA  
Telephone: 415-354-3170 Fax: 415-354-3224  
Contact: Clint Steele  
Coverage: International data  
Territory: Pacific and Arctic Basins  
Time Period: Begin: 1975 End: Present  
Volume: 2,700 records, 26 bytes per record  
Computers: DEC VAC 11/785  
Software: Datatrieve  
Output: Batch  
Language: English  
Availability: Restricted

Reference: USA 82

Database: Unit Values File  
Data Type: Terrestrial  
Acronym: WRD.UNIT  
Data Subject: Hydrology, water resources  
Subjects: The Unit Values File was initially developed to store all the Unit Values data that were previously stored in the "Short-and Long-Term" Rainfall Runoff Files. The file has been enhanced to store data for all Environmental Protection Agency parameter codes measure and recorded more frequently than daily that are required for special studies or analysis. The sources of these data may be surface water, ground water, quality of water, or meteorological observation and can be input by digital recorder, satellite relay or punch card reader

Keywords: AEDD, Arctic, flood, hydrography, precipitation, streamflow, US, United States United  
Organization: US Geological Survey, Water Resources Division  
Center Name: US Geological Survey, Water Resources Division  
Center Type: Geological Survey  
Address: US Geological Survey, 437 National Center, Reston, VA 22092  
Telephone: 703-648-5624  
Contact: John C. Briggs  
Coverage: United States  
Territory: United States  
Time Period: Begin: 1906 End: Present  
Volume: 1,036,637 records with 370 bytes per record  
Computers: AMDAHL 5890  
Software: PL/1  
Output: Catalogs, indexes  
Language: English

Reference: USA 79

Database: USGS Aerial Photography

# United States (Continued)

**Data Type:** Terrestrial  
**Data Subject:** Aerial photography, mapping  
**Subjects:** USGS Aerial Photography is a collection of original film transparencies in 9" x 9" format acquired using various mapping cameras, focal lengths, film types (predominantly b/w) and at various flying altitudes.  
**Keywords:** Aerial photography, cartography, DOIGC, EDC, EROS, imagery, mapping, photography, United States  
**Organization:** US Geological Survey, National Mapping Division  
**Center Name:** US Geological Survey, National Mapping Division  
**Center Type:** Geological Survey  
**Address:** EROS Data Center, Science and Application Branch, US Geological Survey, Sioux Falls, SD 57198  
**Telephone:** 605-594-6016  
**Contact:** Glenn Kelly  
**Coverage:** 1:250,000 Topographic Series  
**Territory:** United States  
**Time Period:** Begin: 1944 End: Present  
**Volume:** 71,000 records with 134 bytes per record  
**Computers:** PN6006  
**Software:** Unify  
**Output:** Photography, catalogs, indexes  
**Language:** English  
**Availability:** Fees

**Reference:** USA 80

**Database:** USGS/State Cooperative Geophysical Research Program  
**Data Type:** Terrestrial  
**Data Subject:** Geophysics  
**Subjects:** Gravity and magnetic data are available for Ohio and Nevada; gravity data are available for Idaho and Utah  
**Keywords:** Aeromagnetic, DOIGC, EDC, EROS, geophysical gravity, Idaho, magnetics, Nevada, Ohio, Utah, United States  
**Organization:** US Geological Survey, National Mapping Division  
**Center Name:** US Geological Survey, National Mapping Division  
**Center Type:** Geological Survey  
**Address:** EROS Data Center, Science and Application Branch, US Geological Survey, Sioux Falls, SD 57198  
**Telephone:** 605-594-6015  
**Contact:** Charles Trautwein  
**Coverage:** Idaho, Nevada, Ohio, Utah  
**Territory:** United States  
**Time Period:** Begin: 1985 End: Present  
**Volume:** 12 with 204 bytes per record  
**Computers:** Altos 3068  
**Software:** Unify  
**Output:** Catalogs, indexes  
**Language:** English  
**Availability:** Fees



# United States (Continued)

Reference: USA 83 Entry Number: 342

Database: Values of Earth's Magnetic Field from Models  
 Data Type: Numeric  
 Data Subject: Geophysics  
 Subjects: Mathematical models of earth's magnetic field  
 Keywords: Earth, magnetic field, mathematical models, United States  
 Organization: World Data Center "A" for Solid Earth Geophysics  
 Center Name: World Data Center-A For Solid Earth Geophysics  
 Center Type: Governmental organization  
 Address: 325 Broadway, Mail Code E/Gc, Boulder, CO 80303 USA  
 Telephone: 303-497-6478 Telex: 592811 NOAA Fax: 303-497-6513  
 Contact: Minor Davis  
 Coverage: International data  
 Territory: Global  
 Volume: 0.35 megabytes  
 Updates: New data available  
 Computers: IBM PC/AT, UNIVAC, VAX  
 Software: Fortran  
 Output: Batch, compilation  
 Language: Open, fees

Reference: USA 84

Database: Water Data Sources Directory  
 Data Type: Terrestrial  
 Acronym: WDSD  
 Data Subject: Water, Hydrology, Data  
 Subjects: The Water Data Sources Directory (WDSD) is one of the major Databases accessible to members of the National Water Data Exchange (NAWDEX). It identifies organizations that collect water data or water-related data, indicates whether the organization is a NAWDEX member, identifies the type of organization and the type of data collected and maintains information on the geographic area covered by the organization  
 Keywords: Groundwater, hydrology, surface water, USGS, water quality, United States  
 Organization: US Geological Survey, Water Resources Division  
 Center Name: US Geological Survey, Water Resources Division  
 Center Type: Geological Survey  
 Address: US Geological Survey, 421 National Center, Reston, VA 22092  
 Telephone: 703-648-5671  
 Contact: Donald J. Dolnack  
 Coverage: United States  
 Territory: United States  
 Time Period: Begin: 1976 End: Present  
 Volume: 1,800 records with 1,700 bytes per record  
 Computers: IBM PC/AT  
 Software: dBASE IV  
 Output: Directory  
 Language: English

# United States (Continued)

Reference: USA 85

Database: Water Quality Data File

Data Type: Terrestrial

Acronym: QWFILE

Data Subject: Water quality

Subjects: The Water Quality Data File is the primary repository for all water quality data collected by the Water Resources Division. This WATSTORE database contains information on chemical biological, and physical constituents in surface waters (lakes, streams) and groundwater

Keywords: AEDD, Arctic, biology, Canada, chemistry, groundwater, Guam, hydrology, Mexico, United States

Organization: US Geological Survey, Water Resources Division

Center Name: US Geological Survey

Center Type: Geological Survey

Address: US Geological Survey, 437 National Center, Reston, VA 22092

Telephone: 703-648-5624

Contact: John C. Briggs

Coverage: United States, Canada, Mexico, Guam

Territory: United States, Canada, Mexico, Guam

Volume: 1,082,026 records with 340 bytes per record

Computers: AMDAHL 5890

Software: PL/1, FORTRAN, Assembly

Output: Tables, plots, graphs, statistics

Reference: USA 86

Database: Well History Control System

Data Type: Terrestrial

Acronym: WHCS

Data Subject: Petroleum, oil, energy resources

Subjects: The Well History Control System is an historical file of data obtained in drilling wells for petroleum products. The system is updated from records submitted by industry. The system is owned and maintained by the Petroleum Information Corporation, a subsidiary of GeoQuest Systems, International. The USGS holds unlimited rights to the file, subject to protection of petroleum industry proprietary interests

Keywords: AEDD, Arctic, crude oil, energy, oil, oil well, petroleum, stratigraphy, United States

Organization: US Geological Survey, Geologic Division

Center Name: US Geological Survey, Geologic Division

Center Type: Geological Survey

Address: US Geological Survey, PO Box 25046, MS 939, Denver CO 80225

Telephone: 303-236-5725

Contact: Ron Walton

Coverage: United States onshore and offshore

Territory: United States

Volume: 2,200,000 record with 600 bytes per record

Updates: Monthly

Computers: IBM VAX 11-780

Software: Model 204, Datatrieve, Ingres

Output: Catalogs, indexes, digital data sets, maps, micrographics

United States (Continued)

Language: English  
Availability: From the Petroleum Information Corporation

Reference: USA 87                      Entry Number: 312

Database: World Heat Flow Data  
Data Type: Numeric  
Data Subject: Geophysics Fuels, Energy Resources  
Subjects: World heat flow measurements from thousands of sites  
Keywords: Heat flow, geothermal energy, United States  
Organization: World Data Center-A For Solid Earth Geophysics  
Center Name: World Data Center-A For Solid Earth Geophysics  
Center Type: Governmental organization  
Address: 325 Broadway, Mail Code E/GC1, Boulder, CO 80303 USA  
Telephone: 303-497-6419 Telex: 592811 NOAA Fax: 303-497-6513  
Contact: Joy Ikelman  
Coverage: International data  
Territory: Worldwide  
Time Period: Begin: 1975 End: 1977  
Volume: 0.793 megabytes  
Updates: New data available  
Computers: UNIVAC  
Software: Fortran  
Output: Batch, compilation, reports, bulletins  
Language: English  
Availability: Open, fees

Reference: USA 88

Database: World Ocean Ferromanganese Crust Database  
Data Type: Terrestrial  
Data Subject: Marine geology, geochemistry  
Subjects: This Database consists of station data and chemical analyses of ferromanganese crusts in the world's oceans. It incorporates crust data from the Scripps Nodule Databank, data from literature, and from recent USGS cruises  
Keywords: Computer mapping, ferromanganese crust, geochemistry, marine, mineral resources, Pacific Ocean, seamount, United States  
Organization: US Geological Survey, Geologic Division  
Center Name: US Geological Survey, Geologic Division  
Center Type: Geological Survey  
Address: USGS, Quisset Labs, Woods Hole, MA 12543  
Telephone: 508-457-2235 Fax: 508-457-2310  
Contact: Frank Manheim  
Coverage: Marine environment, international waters  
Territory: Pacific Ocean, worldwide  
Time Period: Begin: 1983 End: 1989  
Volume: 2,500 records with 255 bytes per record  
Computers: VAX 8250, MASSCOMP 68000

United States (Continued)

Software: INGRES, GRASP  
Output: Map sets, report sets, digital data, bibliographies, samples  
Language: English

**Venezuela**

Reference: VENE 1                      Entry Number: 395

Database: Center for Analysis of Geological and Mineal Resources Infor  
Data Type: Bibliographic  
Acronym: CAIGEOMIN  
Data Subject: General Geosciences  
Subjects: Includes data of geological, geophysical and geotechnical reports and maps stored in  
the same center. Provides copies of reports and maps  
Keywords: Geology, stratigraphy, mineral resources, aerial geology, Venezuela  
Organization: Ministerio de Energia y Minas  
Center Name: Center for Analysis of Geological and Mineral Resources Infor  
Center Type: Governmental organization  
Address: Piso 8 Caigeomin, Caracas 1010, Distrito Federal, Venezuela  
Telephone: 507-58-34  
Contact: Aura Neuman S.  
Coverage: National data  
Territory: Venezuela  
Volume: 3,000 records with aprox. 900 characters per record  
Updates: Daily  
Computers: IBM PC/XT  
Software: Text Pack, Micro-Iris  
Output: Interactive, batch, compilation, reports, bulletins  
Availability: Open, fees



# ***Appendix***







6c. Type of Organization \_\_\_\_\_

7a-e. Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

7f. Phone No. \_\_\_\_\_ g. FAX \_\_\_\_\_ h. Telex \_\_\_\_\_

8. Contact Person \_\_\_\_\_

9. Geographic Coverage

Local Data \_\_\_\_\_ Regional Data \_\_\_\_\_

National Data \_\_\_\_\_ International \_\_\_\_\_  
Data

Specify Territory \_\_\_\_\_

10. Subject Coverage \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

11. Time Coverage Begin: \_\_\_\_\_

End: \_\_\_\_\_

12. Keywords/Descriptors \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

13a. Volume of Data Holding \_\_\_\_\_

13b. Updating Frequency \_\_\_\_\_

14. Output

1. Online search \_\_\_\_\_  
(interactive)

4. Printer data \_\_\_\_\_  
compilations

2. machine readable/ \_\_\_\_\_  
batch

5. published data \_\_\_\_\_  
bulletins

3. microforms \_\_\_\_\_  
containing data

6. periodical or special \_\_\_\_\_  
reports containing data

15. Name of computer used \_\_\_\_\_

\_\_\_\_\_

16. Software \_\_\_\_\_

\_\_\_\_\_

**17. Availability for use/access**

- |   |   |
|---|---|
| 1. open to all users _____              | 4. fees charged _____                   |
| 2. restricted to _____<br>certain users | 5. available through _____<br>a network |
| 3. free of charge _____                 |   |

**18. Output language** \_\_\_\_\_

**19. References-Documentation** \_\_\_\_\_

**20. Comments** \_\_\_\_\_

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21. Name of respondent \_\_\_\_\_ Date \_\_\_\_\_



**IUGS**

*International Union of Geological Science*

**COGEOINFO**

*Commission on the Management and  
Application of Geoscience Information*

## **INVENTORY OF AUTOMATED Databases GUIDE FOR COMPLETION OF QUESTIONNAIRE**

1. **COUNTRY** - Country under whose jurisdiction the database center falls; for a center within an international or intergovernmental organization, indicate International.
2. **DATABASE NAME** - Official title or a short descriptive name that identifies the database.
3. **ACRONYM** - A commonly used abbreviation or acronym for the database or title (in capitals)
4. **DATABASE TYPE** - An indication of the type of data in the database (check one)  
  
    \_\_\_ **NUMERIC**    or    \_\_\_ **BIBLIOGRAPHIC (TEXTUAL)**
5. **SUBJECT OF DATABASE** - Major and minor orientation of the Database (enter the appropriate codes)

01. Mineralogy  
02. Petrology; Igneous-Metamorphic  
03. Geochemistry, Isotopes  
04. Regional geology-Mapping geology  
05. Tectonics-Structure Geology  
06. Extraterrestrial Geology  
07. Marine Geology  
08. Paleontology  
09. Stratigraphy  
19. General Geosciences

10. Metallic mineral resources  
11. Non-metallic min.resources  
12. Fuels/Energy resources  
13. Hydro-Geology  
14. Engineering Geology  
15. Geomorphology-Quatern.Geol.  
16. Environmental Geology  
17. Geophysics  
18. Remote sensing

- 6a. **DATABASE MAINTAINING/OPERATING ORGANIZATION** - The organization responsible for maintaining and operating the Database. Full name in original language, including accents and transliterated into Latin alphabet if necessary.
- 6b. **NAME OF CENTER IN ENGLISH** - Name of center should be completed in English if the original language is not English.
- 6c. **TYPE OF ORGANIZATION** - Classification codes (enter one):
- |                                       |  |
|---------------------------------------|--|
| <b>GS</b> - Geological Survey         | <b>IC</b> - Information Center/Library |
| <b>GA</b> - Governmental Organization | <b>AS</b> - Association                |
| <b>RO</b> - Regional Institution      | <b>IO</b> - International Organization |
| <b>RI</b> - Research Institute        | <b>EM</b> - Exploration/Mining         |
| <b>UN</b> - University/Spec.Schools   | <b>PR</b> - Private Company            |

**7. ADDRESS**

- a) Street and number of building and/or P.O. BOX
- b) Postal code (if before the city)
- c) City (and postal code if after the city)
- d) Province or state
- e) Country
- f) Telephone No., including local code
- g) Fax, including local code
- h) Telex number

8. **CONTACT PERSON** - Provide surname (underlined), and initial(s) or given names(s) of the person who is knowledgeable about the database.

9. **GEOGRAPHIC COVERAGE** - Territory(ies) covered by the majority of data collected Check one.

10. **SUBJECT COVERAGE** - A brief description of the database.

11. **TIME COVERAGE** - The beginning and ending years of the data collected or used. If data is continuously collected, enter "present" as end.

12. **KEYWORDS/DESCRIPTORS** - Terms which describe the data set, limited to six.
- 13a. **VOLUME OF DATA HOLDING** - Factual and numeric data records or bibliographic references. Give quantitative estimates of the current size of data holding, such as records with approx. 900 characters per record."
- 13b. **FREQUENCY OF UPDATING** - How often are new records added: daily, monthly, annually, irregularly.
14. **OUTPUT** - Check one or more.
15. **NAME OF COMPUTER USED** - Indicate the main computer facility--name and type and model used for Database residence, implementation, and service.
16. **SOFTWARE** - Indicate the Database management system or other software support for operating the Databases (please indicate whether commercial or written in-house.)
17. **AVAILABILITY FOR USE/ACCESS** - Check application items.
18. **OUTPUT LANGUAGE(S)** - The working natural language for the data base.
19. **REFERENCES-DOCUMENTATION** - Optional free text to present any important information which is not included above: documentation, references of published information, results, and methodology of Database development.
20. **COMMENTS** - General comments concerning the Database or amplification of information not covered in other categories.





## ***INDEX***



**KEY-WORD****A**

Absolute age  
Abstract  
Accelerograms  
Addresses  
AEDD  
  
Aerial geology  
Aerial photography  
Aeromagnetic  
Aeromagnetic surveys  
Africa  
Age determinations  
Aggregate rocks  
Aggregates  
Agronomy  
Air photography  
Airborne methods  
Airborne surveys  
Alaska  
  
Alaska directory  
Alluvial channels  
Alluvium  
Altimetry  
Altitude  
Amphiboles  
Analysis  
Analytical data  
Anomalies  
Antarctic  
Antarctica  
Aqueous solutions  
Aquifer  
Aquifers  
Arctic  
  
Arctic environment  
Arctic ocean  
Arctic region

**REFERENCE-NUMBER**

ARGN 2, CAND 13, USA 40, 41  
COLM 9  
PHIL 1  
USA 90  
USA 6, 7, 9, 10, 11, 15, 18, 20, 22, 23, 27, 37, 38, 39,  
46, 47, 49, 50, 52, 54, 55, 56, 60, 61, 65, 66, 68,  
70, 71, 72, 75, 82, 85, 86  
SWED 14, VENE 1  
CAND 30, USA 1, 38, 47, 68, 77, 79  
USA 80, SWED 5  
AUSL 9  
BELG 1, FRAN 4, INTL 8, USA 35  
USA 65  
NORW 3  
UK 28, 53, 57, 58  
INTL 3  
CHIL 3  
AUSL 11, FINL 1, USA 2  
CAND 17, 25  
CAND 9, 27, USA 6, 15, 29, 39, 46, 49, 50, 55, 56, 61, 66,  
70  
USA 6, 39, 46, 49, 50, 55, 56, 61, 66, 70  
CAND 1  
CAND 1, POLA 5  
USA 24  
COST 1  
UK 40  
HUNG 10  
GER 3  
AUST 4, CHIL 4, CIS 4  
USA 15, 36, 37, 68  
AUSL 32, 40, 55, CHIL 5, NEWZ 8, UK 12, USA 37  
USA 3  
USA 55  
BELG 3  
USA 6, 7, 9, 10, 11, 15, 18, 20, 22, 23, 27, 37, 38, 39, 46,  
47, 49, 50, 52, 54, 55, 56, 60, 61, 65, 66, 68, 70, 71,  
73, 82, 85, 86  
UK 12  
USA 59  
CAND 3, USA 81

**KEY-WORD**

Areal geology

Arthropoda

Ash content

Asia

Atlantic Ocean

Atlas

Atomic absorption

Australia

Author(s)

Automatic data processing

**B**

Baltic sea

Basic data

Batholiths

Bathymery

Bathymetry

Bavaria

Beaufort Sea

Bedrock

Beetles

Behemiam

Beneficiation

BIA

Bibliography

Biogeography

Biology

Biophysics

Biostratigraphy

BLM

Bohemia

BOR

Borehole

Borehole section

Borehole sections

**REFERENCE-NUMBER**

AUSL 2, 31, AUST 1, BELG 7, 8, 9, BRAZ 1, 7, 12, 17,  
20, CAND 11, CHIL 1, CUBA 1, CZEC 2,

FINL 6, FRAN 7,

GER 1,8,9, HUNG 4, JORD 1, MEXI 2, 5, 6, PEUR 1

CAND 9

INTL 4

USA 4

USA 64

USA 37

COLM 3

AUSL 26, 42

COLM 9

AUSL 1, 12

POLA 11

HUNG 10

AUSL 21

AUSL 37, 39, CAND 8

AUSL 6, CHIN 5, FRAN 3, NEWZ 1, 4, SWED 9,

USA 16, 28, 30, 53, 57

GER 9, 20, 21

CAND 4

FINL 2, SWED 1, USA 22

CAND 28

CZEC 10

CHIL 8, UK 18

USA 77

CZEC 15, GER 7, UK 2, 3, 4, 6, 19, 31, 32, 33, 36, 47,  
54, 62, USA 42

GER 7

FRAN 9, USA 59, 85

CAND 5

GER 7, SWED 13, UK 6, 31, 34, 49

USA 34, 77

CZEC 5, 6, 13, 14

USA 77

GER 4, 8, UK 34, USA 49

UK 1, 2, 16, 26, 27, 28, 32, 42, 44, 50, 52, 58, POLA 3,  
10

POLA 7, 11, 12, UK 9

**KEY-WORD****REFERENCE-NUMBER**

Boreholes

AUSL 30, 47, CZEC 4, 8, FINL 10, GER 4, 14,  
HUNG 1, 3, 4, NETH 2, POLA 1, UK 1, 2, 5, 8, 13, 16,  
26, 27, 28, 29, 32, 34, 37, 42, 44, 47, 50, 52, 55,  
58, 59, 60

Bottom sampling

CIS 5

Bouger anomalies

USA 35

Bouguer anomalies

FRAN 6

Brazil

BRAZ 11

**C**

C-14

CAND 29

Calabria

GER 5

Calcic composition

UK 40

Calorimetry data

CAND 10

Canada

CAND 4, 13, USA 75, 85

Carbonate composition

CAND 26

Carbonate rocks

FRAN 18

Carbonate sediments

USA 7

Carboniferous

AUSL 30, CZEC 1, 12, SAFR 1, SPAI 1

Cartography

CAND 5, SWED 1, UK 11, 43, USA 1, 6, 7, 21, 22, 34, 44,  
47, 50, 79

Casing

HUNG 10

Catalogue

UK 1, 2, 3, 4, 6, 8, 9, 13, 19, 31, 32, 33, 35, 36, 43, 44,  
47, 49, 52, 54, 57, 61, 63

Catchments

BELG 5

CD-ROM

JAPA 2

Cement

HUNG 10

Cenozoic

AUSL 51

Central America

INTL 3

Changes of level

INDI 1

Channels

CAND 1

Chart

USA 39

Chemical

USA 61, 66

Chemical analysis

AUSL 36, INTL 4, USA 20, 61

Chemical composition

CZEC 9, 12, 13, FINL 9, FRAN 2, 13, 18, GUYA 1,  
POLA 1, SWED 3, UK 18, 40, 48

Chemical parameters

GER 29

Chemical properties

UK 34, 47

Chemical weathering

FRAN 18

Chemistry

GER 25, USA 85

Chronostratigraphy

FRAN 20

**KEY-WORD****REFERENCE-NUMBER**

Cisterns	COLM 8
Claims	SWED 10
Classification	COLM 4
Clay	USA 38, 44
Clays	SWED 10
Climate	COST 1, INTL 3
Coal	AUSL 30, COLM 1, CZEC 12, INTL 4, NEWZ 5, SPAI 1, USA 22, 49
Coal analysis	COLM 10
Coal bed	USA 49
Coal characterization	COLM 10
Coal data	COLM 10
Coal deposits	SAFR 1
Coal fields	AUSL 30, CZEC 1
coal liquids	INTL 4
Coal measures	CZEC 1
Coal seams	AUSL 30
Coal resources	USA 48
Coastal	CAND 23, USA 53
Coastal environment	ARGN 3, CAND 23, 32
Coastal environments	DENM 1
Coastline	UK 28
Coccoliths	FRAN 12
COCORP	USA 12
Coke	COLM 1
Coleoptera	CAND 9, 28
Collection	FRAN 11, 15
Collections	CAND 21
Columbia	COLM 3, 4, 11
Computer tapes	USA 12
Computer mapping	USA 88
Consessions	SWED 10
Construction materials	AUSL 24, COLM 2, FINL 8, SWED 15, UK 28, 53, 57, 58
Continental margin	AUSL 1, 40
Cordillera	CAND 13
CORE	UK 27, 28, 32, 34, 37, 42, 55, USA 9
Cores	INTL 5, UK 8, 13
Costa Rica	INTL 3
Cover	HUNG 10
Cross sections	CZEC 4
Crude oil	USA 61, 86

**KEY-WORD****REFERENCE-NUMBER**

Cruises  
Cryosphere  
Crystal structure  
Crystalline rocks  
Czech Republic

CAND 8  
USA 37  
JAPA 1  
SWED 1  
CZEC 15

**D**

Dams  
Data  
Data acquisition  
Data processing  
Dates  
Deep Sea Drilling Project  
Dem  
Density  
Design  
Deviation  
Devonian  
Diagenesis  
Diatoms  
Digital  
Digital data  
Digital elevation model  
Digital imagery  
Dinoflagellata  
Directory  
Discharge precipitation  
DMA  
Document types  
DOD  
DOI  
DOIGC  
Dominican Republic  
Drainage basins  
Drilling  
  
Dryness  
Dust

MEXI 5  
AUSL 26, 38, FRAN 3, GER 29  
CZEC 3  
AUSL 11, 38, CHIL 7, INDI 2  
ARGN 2, CAND 13, 29  
USA 13, 14  
USA 50  
JAPA 3, SWED 12  
MEXI 4  
HUNG 10  
CAND 34  
MEXI 4  
SWED 13  
USA 61  
AUSL 13, USA 34  
CAND 18  
USA 28  
FRAN 12  
CIS 13  
COLM 7  
USA 34, 50  
SWED 14  
USA 77  
USA 77  
USA 6, 27, 36, 39, 47, 50, 52, 54, 65, 68, 72, 73, 74, 78, 79  
INTL 3  
GER 5  
AUSL 30, 52, CHIN 9, FRAN 10, GER 4, 14, 30,  
HUNG 10, NEWZ 5, UK 5, USA 58  
GER 25  
CIS 11



**KEY-WORD****REFERENCE-NUMBER**

<b>E</b>	
Eages	HUNG 10
Earth	USA 83
Earth sciences	FRAN 9
Earthquakes	AUSL 8, 14, COLM 5, FRAN 17, 19, GER 19, INTIL 7, 12, 13, ITAL 4, NEWZ 6, NICA 1, NORW 1, PERU 1,3, PHIL 1, 2, SAFR 2, SWED 17, UK 7, 30, USA 10, 17, 18, 27, 38, 51, 70 CAND 5, PERU 2, UK 20
Ecology	AUSL 23
Economic	CAND 16, FRAN 4, INTL 9, USA 46
Economic geology	CHIN 11
Economic geology maps	FRAN 5
Economic minerals	AUSL 10, 28, GER 22, MEXI 3
Economics	USA 36, 47, 50, 54, 68, 72, 73, 74, 77, 79, 80
EDC	USA 50
EDC elevation	INTL 3
El Salvador	NEWZ 1
Electrical surveys	FINL 1, 10
Electromagnetic surveys	AUSL 3, USA 28, 30, 50, 78
Elevation	CIS 5
Endogenic aureoles	USA 86
Energy	UK 62
Energy mineral	FRAN 10, 19, INTL 2, MART 1, NORW 2
Energy sources	FRAN 9
Engineering	AUST 3, GER 2, UK 22, 27, 32, 54
Engineering geology	UK 5
England	CIS 11, GER 22, INTL 10, NORW 2, UK 20, USA 48
Enviornment	FINL 9
Environmental	CZEC 11, 14, INTL 8
Environmental geology	USA 77
EPA	AUSL 8, FRAN 17, 19, INTIL 7, 13, GER 19, NEWZ 6, PHIL 1, USA 17, 70
Epicenters	USA 36, 47, 50, 54, 68, 72, 73, 74, 77, 79, 80 NEWZ 7, SWED 9
EROS	CAND 26
Erosion	INTL 13, USA 36
Erratics	COLM 7
Europe	CAND 4, 8
Evaporation	CZEC 1, FRAN 5
Expeditions	
Exploitation	

**KEY-WORD**

Exploration

Export

**F**

Far Eastern USSR

Ferromanganese crust

Field data

Flood zone

Flood

Floods

Flora

Flotation

Foraminifera

Forestry

Fossils

Foundations

Fragment thickness

Free-air anomalies

Fuel peat

Fuel resources

**G**

Gamma-ray

Gamma-ray spectra

Gamma radiation

Gas

General

Genesis

Geochemical

Geochemical analysis

Geochemical exploration

Geochemical maps

Geochemical sampling

Geochemical surveys

**REFERENCE-NUMBER**

ARGN 4, AUSL 4, 33, 34, 52, 54, BRAZ 10, CHIL 2, 4,  
CHIN 9, CIS 12, CZEC 1, 4, 14, FINL 13, 19, FRAN 19,  
GER 22, GUAT 1, GUYA 1, HUNG 1, JAMA 1,  
SAFR 1, UK 5  
ARGN 1, FRAN 5

CIS 2

USA 88

CAND 31

USA 66

USA 82

CAND 2

POLA 4

UK 18

FRAN 12

CAND 2, INTL 3

BRAZ 14

GER 2, 20

GER 26

USA 28, 35

FINL 3

CHIN 3, 8, FRAN 19, HUNG 1

CAND 25, USA 54

AUSL 45

SWED 5

SWED 10, USA 61

CAND 3

BRAZ 2

HUNG 10, UK 21, USA 54

UK 21, 34, 37, 46, 47, 55

CIS 4, CZEC 10

SWED 3

CIS 5

BRAZ 12, UK 21, 37, 46, 43, 55

**KEY-WORD****REFERENCE-NUMBER**

Geochemistry

AUSL 36, 55, AUST 4, BRAZ 16, CAND 4, 12, 18, 24,  
CIS 2, 3, 4, 9, 11, COLM 3, CZEC 9, 14, FINL 9,  
GER 6, 10, GUYA 1, SWIT 1, UK 21, 29, 34, 37, 46,  
47, 55, 62, USA 19, 31, 42, 62, 87, 88

Geochemistry water

GER 10

Geodata

USA 45

Geodesy

NEWZ 2, URUG 1, USA 6, 24

Geodynamics

HUNG 2, PERU 2

Geofizika

POLA 10

Geographic and -  
geological descriptor

COLM 9

Geographic information -  
systems

AUSL 15, 18, 50, CAND 5

Geography

BRAZ 4, CHIL 7, MEXI 3, UK 20, USA 6, 21, 48

Geoid

USA 28

Geologic age

USA 9, 20, 66

Geologic hazards

PHIL 2

Geological map

UK 4, 15, 19, 32, 33

Geological maps

AUST 5, BELG 8

Geological publication

HUNG 9

Geological setting

CIS 8

Geological structure survey

BELG 2

Geological surveys

UK 15, 19

Geology

AUSL 20, AUST 1, BELG 1, BOLI 1, CIS 10, 13, 15,  
CZEC 15, FINL 9, FRAN 16, GER 1, 11, 27 JAPA 2,  
NETH 1, PERU 4, SPAI 2, SWED 14, SWIT 2, UK 1, 20,  
22, 27, 28, 32, 34, 37, 42, 44, 47, 49, 50, 52, 53,  
55, 58, 59, 60, 62, USA 6, 7, 9, 20, 22, 23, 38, 49,  
54, 61, 65, 66, 70, VENE 1

Geomagnetism

SWED 4, UK 31, 32

Geomagnetism

UK 23, 24, 25, 38, 41, 45, 51, 56

Geomorphology

CAND 26, COST 1, UK 20, USA 22

Geophysical

HUNG 10, USA 54

Geophysical anomalies

SWED 5

Geophysical gravity

USA 80

Geophysical maps

SWED 5

Geophysical surveys

AUSL 7, 11, 12, 16, 34, 37, 39, 41, 54, BRAZ 12,  
CAND 4, 22, FRAN 3, INDI 2, JAMA 1, UK 10, 11, 14, 16,  
20, 23, 24, 25, 26, 35, 38, 41, 42, 43, 45, 51, 56, 61,  
SWED 5, 9, USA 69, 81

Geophysics

AUST 2, UK 10, 11, 14, 16, 23, 24, 25, 26, 35, 38, 39,  
41, 43, 45, 51, 56, 61, USA 58, 89

**KEY-WORD****REFERENCE-NUMBER**

Geopyssics	AUST 2, USA 58, 89
Geoscience	AUST 2
Geotechnic	AUST 2
Geotechnical	INTL 1
Geotechnical property	CZEC 3
Geotechnical survey	UK 22, 27, 32, 42, 54
Geothermal energy	INTL 6, 14, ITAL 1, MART 1, USA 25, 26, 87
Geotope	GER 9
Germany	GER 9
GIS	AUST 5, USA 48, 50
Glacier	USA 37
Glaciofluvial features	FINL 8
Global	AUSL 23, 51, CAND 1, INTL 10, UK 30, USA 2, 16, 24, 31, 32, 40, 41, 43, 51, 63, 70
Global change	USA 37
Gloria	USA 29
Gold ores	AUSL 10
Grain size	CAND 32, GER 5, FINL 5, USA 44
Granite	AUSL 21
Gravel	SWED 15, NORW 3, USA 44
Gravel deposits	FINL 8
Gravimetry	NEWC 1
Gravity	NORW 8, SWED 6, UK 39, 41, 45, 56, USA 38
Gravity anomalies	CAND 19, ITAL 2, URUG 1, USA 35
Gravity logging	FINL 10
Gravity surveys	AUSL 22, CAND 18, CHIN 5, FRAN 6
	ITAL 2, NEWZ 3, 4, URUG 1, USA 16, 33
Grawimetria	POLA 8
Great Lakes	CAND 12
Green sizes	GER 25
Greenland	USA 37
Ground conductivity	SWED 5
Ground water	AUSL 47, 48, COLM 8, FINL 4, FINL 9, FRAN 8, GER 12, HUNG 5, ITAL 3, NETH 3, NORW 7, POLA 1, SWED 7, USA 11, 45, 55, 56, 60, 84, 85
	USA 85
Guam	INTL 3
Guatemala	AUSL 35
Guinea	GER 28
GWL	

**KEY-WORD****REFERENCE-NUMBER****H**

H-value	GER 27, 28, 31
Hawaii	USA 21, 29
Hazard	USA 38
Hazards	UK 22
Heat flow	USA 25, 26, 31, 87
Heavy minerals	USA 42, 43
History	ARGN 5, CZEC 7, ITAL 4, SWIT 1
Holocene	FINL 3, FRAN 13
Honduras	INTL 3
Horticultural peat	FINL 3
Hot springs	INTL 14, USA 26
Hydraulic geometry	CAND 1
Hydrocarbons	UK 60
Hydrochemistry	AUSL 47, FINL 4, GER 12, HUNG 5, MART 1, NORW 2, SWED 8
Hydrogeological maps	SWED 7,8
Hydrogeology	AUST 2, BELG 4, 6, BOLI 1, COLM 8, FINL 4, FRAN 8, HUNG 5, INTL 3, MEXI 1, NETH 3, POLA 1, UK 21, 29, 59, 60
Hydrography	USA 82
Hydrology	COLM 6, FRAN 9, INDI 2, UK 20, USA 6, 7, 45, 50, 55, 56, 60, 71, 75, 84, 85
Hydrometeorology	COLM 6, PERU 2
Hydrometry	CAND 20, USA 50
Hypocenter	USA 27
Hysography	USA 50

**I**

Ice flow	CAND 26
Idaho	USA 80
Igneous	AUSL 36, 55
Igneous rocks	AUSL 36, BRAZ 15, 16, CAND 10, CHIL 5, 6, CIS 9, COLM 4, USA 32, 63
Igneous-metamorphic - tetrology	USA 89
Imagery	CHIN 4, USA 36, 47, 68, 72, 73, 74, 77, 79
Import	ARGN 1, FRAN 5
Indian Ocean	INDI 1

**KEY-WORD**

Indonesia  
Industrial minerals  
Information retrieval system  
Inorganic  
Insecta  
Instability  
Inventory  
Inventory technology  
Ion probe  
IR systems  
Isotopes  
Isotopic  
Italy

**J**

Japan

**K**

K/Ar  
Karst  
Keywords  
Kiev District  
Knowledge base  
Krivoy-Rog-Kremenchug region

**L**

Lachlan Fold Belt  
Lake sediments  
Land  
Land use  
  
Land cover  
Landsat  
Landsat MT  
Landslides  
Latin America

**REFERENCE-NUMBER**

AUSL 32  
AUSL 24, CAND 16, FINL 11, GER 18, 22, INTL 9  
CIS 1  
JAPA 1  
CAND 9, 14, 28  
UK 22  
ARGN 1, CAND 5, FRAN 11, NEWZ 7, USA 41  
CIS 12  
FRAN 2  
SWED 14  
ARGN 2, AUST 4, CAND 24, 26, CZEC 9, FRAN 1  
USA 65  
GER 5

JAPA 2

CAND 13  
FRAN 18  
SWED 14  
CIS 11  
CIS 8  
CIS 3

AUSL 45  
CAND 18  
USA 38  
AUSL 25, 41, CAND 2, 5, COST 1, CZEC 11 MEXI 6,  
PERU 1, USA 21, 48  
USA 21, 48  
BRAZ 5, HUNG 2, USA 19, 37  
UK 17  
CZEC 5, GER 14, USA 38  
BRAZ 11, INTL 2, 6

**KEY-WORD**

Legislation  
Limnology  
Lithogeochemistry  
Lithology

Lithostratigraphy  
Locations  
Lunar

**M**

Magadan district  
Magnetic anomalies  
Magnetic field  
Magnetic properties  
Magnetic survey  
Magnetic surveys

Magnetics  
Magnetism  
Magnitude  
Mairine geology  
Major element analysis  
Major elements  
Manganese crusts  
Manganese nodules  
Mantiqueira  
Map  
Map documentart geoscience  
Map inventory  
Mapping

Maps  
Marine  
Marine geology

Marine geophysics  
Marine installations  
Marine methods  
Marine microfossils  
Marine platforms

**REFERENCE-NUMBER**

INTL 10  
CAND 12  
UK 37  
AUSL 30, BELG 2, CAND 12, CIS 6, GER 4, UK 1, 5,  
27, 28, 32, 34, 37, 42, 44, 46, 47, 50, 52, 53, 55, 57,  
58, USA 22, 40, 88  
ITAL 3  
SWED 14  
USA 74

CIS 5, 6  
CAND 17  
AUSL 26, 42, INDI 2, USA 83  
AUSL 45  
POLA 8  
AUSL 6, 11, 42, CAND 17, FINL 1, 10, NEWC 1, 4,  
USA 2, 16, 67  
USA 54, 80  
JAPA 3  
USA 17  
CHIN 5  
FRAN 1  
CHIL 6, FRAN 1, 2  
USA 42, 43  
USA 42, 43  
BRAZ 8  
CAND 6, JAN 2, USA 1, 6, 7, 21, 37, 39, 50  
AUST 2  
USA 34  
BELG 2, BRAZ 3, 13, CAND 35, CHIN 11, GER 1, 8,  
17, NEWZ 7, USA 79  
CAN 4, FRAN 4, ITAL 4, UK 3, 4, 11, 32, 36, 43, 57  
UK 11, 41, 42, 43, USA 88  
AUSL 7, 27, CAND 4, 12, 23, 31, FRAN 3, GER 15,  
INDI 1, INTL 5, NEWC 1, USA 14, 29, 57, 59, 81  
USA 15  
CHIN 5  
FRAN 3, USA 16, 69  
GER 7  
FRAN 19

**KEY-WORD**

Marine sedimentation  
Marine Sediment  
Marine sediments  
Marine surveys  
Massif  
Mathematical model  
Mediterranean Sea  
Meetings  
Metal ores  
  
Metallogeny  
  
Metallometric regional ore territories  
Metallurgy  
Metals  
Metamorphic rocks  
Meteorology  
Mexico  
Micropaleontology  
Middle East  
Microfossils  
Mind  
Mine  
Mines  
Mine plans  
Mineral  
Mineral composition  
Mineral deposit  
Mineral deposits  
Mineral economics  
Mineral exploration  
Mineral localities  
Mineral occurrence  
Mineral planning  
Mineral processing  
Mineral production  
Mineral resources

**REFERENCE-NUMBER**

INDI 1, NEWC 1  
POLA 11  
SWED 9, USA 8, 40, 41, 44  
AUSL 1, 6, 12, 16, 37, 39  
CZEC 10, 14  
USA 83  
INTIL 7, 13  
AUSL 17  
ARGN 4, AUSL 4, 10, 49, BRAZ 18, 19, CHIN 1,  
GER 16, JAMA 1, UK 18, USA 3  
BRAZ 18, CAN 16, CHIN 11, CIS 6, CZEC 10,  
FRAN 4, FINL 12, 13 SWED 10  
CIS 5  
PERU 4  
FINL 9, INTL 9  
BRAZ 15, 16, CAND 10, CIS 9, COLM 4  
COLM 6  
USA 75, 85  
GER 7, SWED 13, USA 8  
FRAN 4  
FRAN 12  
HUNG 10  
USA 46, 54  
MEXI 4, USA 4  
UK 36  
USA 20, 22, 46, 54  
BRAZ 15, FINL 2, JAPA 1, USA 43, 63  
UK 18, USA 46  
BOLI 1, CAND 16, CIS 1,8, UK 18  
BRAZ 11, GER 16  
AUSL 53, FINL 6, 7, GER 6, HUNG 3, SWED 10  
CAND 21, HUNG 6  
BELG 2  
GER 22  
INTL 9  
UK 62  
ARGN 1, AUSL 2, 10, 23, 28, 29, 31, 50, BELG 3,  
BRAZ 2, 6, 8, 10, 11, 13, 20, CAND 7, 15, CHIL 1, 3,  
8, CHIN 11, CIS 6, 12, COLM 3, COST 2, CZEC 6,  
FINL 11, 12, 13, FRAN 4, GER 15, 16, 22, GUYA 1,  
HUNG 1, 7, INTL 8, MART 1, MEXI 4, SWIT 1, UK 12,  
57, 62, USA 4, 88, VENE 1



**KEY-WORD**

Mineral systematics

Mineral trade

Mineralogy

Minerals

Mining

Mining companies

Mining geology

Mining license

Minor element analysis

Minor elements

Miospores

Models

Modified Mercalli Scale

Moravia

Museology

**N**

National park

Natural gas

Natural preservation

Natural resources

Navigation

Nearshore environment

NERSL

Nevada

New South Wales

Nicaragua

Nonmarine microfossils

North America

North Rhine

NPS

NSA

Nuclear explosions

**O**

O-18/O-16,

Obligations

Ocean bottom

Ocean Drilling Program

Ocean floors

**REFERENCE-NUMBER**

BELG 10

UK 62

BELG 10, GER 25, JAPA 1, UK 46, 47

AUSL 44, BOLI 1, CAND 21, HUNG 6, UK 57

CZEC 1,12, FRAN 5, GER 18, INTL 9, PERU 4,

SWED 10, SWIT 1, UK 57

CIS 13

CZEC 7

FRAN 5

FRAN 1

CHIL 6, CIS 3

CAND 14, 34

AUSL 13

USA 17

CZEC 5, 6

FRAN 11

COST 1

USA 61

GER 9

BOLI 1, CZEC 11, ECUA 1, INTL 10, JORD 1, USA 48

USA 57

CAND 23

USA 52

USA 80

AUSL 31, 45

INTL 3

GER 7

USA 10

GER 1, 3, 4, 12

USA 77

USA 47

NORW 1, SWED 17, USA 58

USA 8

USA 90

USA 53

INTL 5, USA 13

FRAN 3, SWED 9

**KEY-WORD**

Ocean Pacific  
Oceanography  
Offshore  
  
Ohio  
Oil  
Oil and gas fields  
Oil fields  
Oil wells  
Opaline silica  
Ore deposits  
Ore guides  
Ore occurrences  
Organic sediments  
Orientation  
Ostracoda  
Otwory  
Outcrops  
Overburden

**P**

P-wave velocity  
P-waves  
Pacific Ocean  
Pacific region  
Palaeontology  
Palatinate  
Paleobiogeography  
Paleoclimatology  
Paleoecology  
Paleoentomology  
Paleoenvironment  
Paleomagnetism  
Palynology  
Palynomorphs  
Panama  
Papua New  
Papua New Guinea  
Para  
Paragenesis  
Parana Basin  
Pb/U

**REFERENCE-NUMBER**

USA 15  
UK 12, 41, USA 7  
AUSL 1, 6, 16, 27, 37, 39, 40, CAND 4, 8, 31, 32  
CHIN 5, UK 11, 41, 42, 43, USA 29  
USA 80  
SWED 10, USA 61, 86  
CHIN 3, 9, 12, HUNG 8  
AUSL 4, 5, 34  
CHIN 9, USA 86  
USA 8  
ARGN 4, FRAN 5, HUNG 7, NORW 9, SWED 10  
SWED 10  
CAND 16  
SWED 11  
FINL 5  
GER 7  
POLA 11  
BELG 3, BRAZ 3, 13, SWED 1  
SWED 16

JAPA 3  
NICA 1  
NEWC 1, USA 29, 59, 81, 88  
USA 4  
FRAN 15, GER 7, UK 6, 34, 49  
GER 6  
GER 7  
CAND 14, 28, USA 8  
CAND 14, FRAN 15, GER 7, HUNG 4  
CAND 28  
CAND 14  
AUSL 32  
CAND 34, SWED 13  
CAND 34, SWED 13  
INTL 3  
AUSL 35  
AUSL 26, 32, 35, 42, 55  
BRAZ 7  
BRAZ 2  
BRAZ 8  
CAND 13

**KEY-WORD****REFERENCE-NUMBER**

Peat	SWED 10, 11
Peat bogs	FINL 3, SWED 11
Pedology	AUST 2, GER 21
Peleontology	BRAZ 14, HUNG 4, UK 6, 49
Perforations	BOLI 1
Permian	SAFR 1
Permits	AUSL 33
Petrochemistry	CIS 2, 7, UK 40, 48
Petrography	BRAZ 9, 15, CHIL 4, COLM 4, SWED 3, 16, UK 40, 48
Petroleum	ARGN 5, AUSL 4, 5, 33, 34, 35, 52, 54, GUAT 1, USA 61, 62, 86
Petroleum engineering	FRAN 10
Petroleum geology	FRAN 10
Petrologie	AUST 2
Petrology	AUSL 44, BRAZ 15, 16, CHIL 5, CIS 1, 9, FINL 2, 11, UK 46, 47, USA 32, 42, 43
Petrophysics	NORW 11
Phase equilibria	CAND 10
Phosphorites	USA 41, 42
Photography	USA 1, 6, 37, 38, 47, 68, 73, 74, 79
Physical properties	GER 20, UK 27, 28, 34, 42, 53, 58, 59, USA 89
Placers	USA 42, 43
Plant	USA 20
Plantae	CAND 27, 33
Plasticity	GER 25
Pollen	SWED 13
Pollution	CAND 2, FRAN 13, GER 12, INTL 10, NORW 2, SWED 7
Polymetallic sulfides	USA 42
Polynesia	FRAN 17
Pool data	HUNG 10
Porosity	JAPA 3
Prague	CZEC 8
Precambrian	CIS 3, 7
Precipitation	USA 82
Predcambrian	FINL 7
Preventive measures	POLA 2
Prices	AUSL 10
Processing	GER 22
Production	ARGN 1, AUSL 28, BRAZ 6, CHIN 9, FRAN 5, USA 4
Production control	CZEC 1
Properties	COLM 1, NEWZ 8
Property	CHIN 4, CZEC 3, JAPA 1

**KEY-WORD**

Prospecting licence  
Protected zones  
Proterozoic  
Publications  
Pump tests

**Q**

Quality  
Quarries  
Quaternary  
  
Queensland

**R**

R-value  
Radar  
Radar surveys  
Radioactivity  
Radioactivity surveys  
Radiometric  
Reagents  
Reclamation  
Recycling  
Reflection method  
Reflectance  
Reflectance spectra  
Regional chemistry  
Regional geochemistry  
Regional geology  
Regional planning  
Relative humidity  
Remanence  
Remote sensing  
  
Reports  
Research  
Reserves  
Reserves lithology  
Reservoirs  
Resistivity  
Resources

**REFERENCE-NUMBER**

JAMA 2  
CZEC 11, INTL 10  
AUSL 36  
UK 3, 32, 62, USA 90  
POLA 1

POLA 2, 7  
COLM 2  
CAND 6, 9, 17, 28, FINL 5, 7, 8, 9, GER 14, 17,  
SWED 11  
AUSL 30, 41, 43

GER 27, 28, 31  
USA 72  
CAND 30  
NORW 6  
AUSL 11, CAND 25, FINL 1  
UK 45, USA 54, 65  
UK 18  
GER 22  
GER 22  
USA 69  
CHIN 4  
AUSL 46  
CIS 7  
CIS 2  
CIS 3, 7, BRAZ 6, INTL 8  
CZEC 7, DENM 1  
COLM 7  
SWED 12  
AUSL 46, BRAZ 4, 5, 7, CAND 30, CHIN 4, HUNG 2,  
MEXI 6, UK 17, 38, 45, USA 19, 36, 48, 64, 67  
UK 3, 6, 32, 47, 49, 62  
AUSL 43, UK 17, 38, 45, USA 90  
AUSL 5, 28, 29, GER 18  
SAFR 1  
AUSL 4  
NEWZ 1  
AUSL 5, 28, 35, COLM 1, NEWZ 7

**KEY-WORD****REFERENCE-NUMBER**

Rhineland  
Rhineland-Palatinate  
Richter scale  
River regimes  
Rock  
Rock bursts  
Rock mechanics  
Rock physical property  
Rock properties  
Rock specimen  
Rocks  
Rocky Mountain region  
Ross Sea  
Run up heights

GER 6  
GER 14, 17, 18  
USA 17  
CAND 1  
CHIN 4, USA 20, 66  
SAFR 2  
INTL 1, MEXI 4  
JAPA 3  
AUSL 45  
SWED 12  
AUSL 44, CIS 2, FRAN 2, GER 6, 8, NEWZ 8  
USA 9  
NEWZ 4  
USA 76

**S**

Sample locations  
Samples  
  
Sampling  
Sand  
Sao Paulo  
Sar  
Satellite  
Satellite imagery  
Satellite methods  
Satellite surveys  
Schleswig-Holstein  
Schlumberger arrays  
Scientists  
Sea water  
Sea Beam  
Seamount  
Section  
Sediment  
Sedimentary basins  
Sedimentary cover  
Sedimentary rocks  
Sedimentation  
Sedimentology  
Sediments  
Seeds

CAND 31  
BRAZ 3, UK 21, 27, 28, 31, 34, 36, 37, 42, 46, 47, 49,  
53, 55, 58, USA 90  
AUSL 27, CZEK 10, GER 8, 12, INDI 1, UK 12  
NORW 3, SWED 15, USA 44  
BRAZ 8  
USA 72  
USA 6, 36  
UK 17  
USA 24, 67  
USA 64  
GER 8  
NEWZ 1  
USA 90  
USA 64  
USA 57  
USA 88  
UK 34  
USA 54  
AUSL 4, 5, CHIN 3, 8  
SWED 16  
AUSL 35, CIS 9, CZEK 12, SWED 16  
CHIN 12  
CAND 12, 23, GER 5  
CAND 12, 23, 31, 27, 33, FINL 5, INDI 1, 4, USA 59  
CAND 33

**KEY-WORD****REFERENCE-NUMBER**

Seismi risk	GER 19, INTL 7, 13, NORW 1, PHIL 2
Seismic	AUSL 37, USA 52
Seismic arrays	NORW 1
Seismic exploration method	NORW 1
Seismic profiles	USA 12
Seismic stations	INTL 12
Seismic surveys	AUSL 1, 6, 12, 38, 40, FINL 10, HUNG 8, USA 12, 69
Seismic reflection	USA 15
Seismicity	AUSL 8, ITAL 4, NORW 1, PERU 3, UK 10, 14
Seismicity catalogue	COLM 11
Seismogram	GER 19
Seismograms	FRAN 17, INTL 12, PHIL 1, SAFR 2, SWED 17, UK 7, 30
Seismology	COLM 11, INDI 2, INTL 13, PHIL 2, UK 7, 10, 14, 30,61, USA 27, 38, 52, 70
Serials	UK 3
Setellite methods	USA 23
Shale	USA 38
Shield areas	SWED 1
Silicates	UK 40, 48
Silt	USA 44
Silurian	CAND 34
Site investigation	INTL 1, UK 32, 54
Site selection	CZEC 3
Slar	USA 72
Slovakia	CZEC 9
Socioeconomics	MEXI 6
Software	NORW 1
Soil	CHIN 4, CIS 11, CZEC 11, USA 20
Soil erosion	INTL 10
Soil mechanics	CZEC 3,8, GER 20, INTL 1
Soil profile	GER 21
Soil science	GER 3
Soil type	GER 3, 21
Soils	CAND 24, FRAN 2, 13, GER 6, 17, MEXI 3, SWED 11
Sonar	USA 29
Sounding	USA 53
Southwest Pacific	NEWZ 4
Spatial data documentation	AUST 6
Specimens	UK 31, 47, 49
Spectroscopy	CAND 25, COLM 3
Spectrum	CHIN 4
Spot	BRAZ 5, HUNG 2

**KEY-WORD**

Springs  
Station  
Statistical analysis  
Statistical models  
Statistics  
Steam  
Stratigraphic scale  
Stratigraphic traps  
Stratigraphy

Stream  
Stream sediments  
Stream flow  
Stream sediments  
Structural geology  
Structural traps  
Styria  
Subsidence  
Subsurface geology  
Surface water  
Surficial maps  
Surveys  
Susceptibility  
Sweden  
S-waves

**T**

Tailing  
Technology  
Tectonics  
Temperature  
Temperature  
Terrain  
Terrains  
Textures  
Thermal conductivity  
Thermodynamic properties  
Thermodynamics  
Thin sections

**REFERENCE-NUMBER**

COLM 8  
USA 75  
CHIN 8  
CHIN 11  
UK 62  
ITAL 1  
FRAN 20  
CHIN 12  
AUSL 20, 54, BRAZ 13, CAND 34, CHIN 12, CIS 1,  
6, CZECH 4, FINL 2, FRAN 8, GER 4, 8, HUNG 1, 3, 4,  
NETH 2, UK 1, 5, 12, 27, 28, 31, 32, 34, 37, 42, 44, 49,  
50, 52, 53, 57, 58, 59, 60, SWED 6, USA 22, 58, 86, 89,  
VENE 1  
CAND 18, USA 54, 60  
FRAN 13, GER 10  
USA 11, 60, 82  
CZECH 14  
BRAZ 13  
CHIN 3, HUNG 8  
AUSL 4  
UK 22  
FRAN 8  
CZECH 13, NORW 2, USA 45, 55, 56, 84  
CAND 6  
CAND 35  
SWED 12  
SWED 10, 14  
NICA 1

CZECH 7  
BRAZ 6, CZECH 1  
CIS 1, 6, COLM 11, FINL 2, HUNG 8, USA 12, 14  
GER 26  
USA 64  
USA 38  
AUSL 13  
CAND 26  
JAPA 3, USA 25  
CAND 10, FRAN 10, USA 3  
INTL 4  
BRAZ 9, COLM 4

**KEY-WORD**

Till  
Time-series  
Title  
TK25  
Tongling  
Topography  
Trace element analysis  
Trace elements  
Tsunamis

**U**

Ukraine  
Ukrainian Shield  
Undermining  
Upper tertiary  
Uranium  
Uranium ores  
Urban geology  
Urban planning  
US  
USGS  
USSR  
Utah  
Utilization

**V**

Vertebrata  
Volcanic rocks  
Volcanology  
Volumetric modelling

**W**

Waste water  
Waste disposal  
Water  
Water absorbency  
Water budget  
Water discharge  
Water management

**REFERENCE-NUMBER**

FINL 9  
SWED 4  
COLM 9  
GER 27, 28, 31  
CHIN 11  
MEXI 3, 6, NEWZ 2, USA 28, 30, 50, 78  
FRAN 1  
AUSL 55, COLM 3, FRAN 2, SWED 3  
PHIL 1, 2, USA 76

CIS 4  
CIS 7  
CZEC 7  
CAND 9, 27  
CHIL 3, USA 54  
CAND 25  
CZEC 3  
CZEC 8, 11, DENM 1  
USA 11, 71, 82  
USA 11, 45, 71, 84  
CIS 12, 13  
USA 80  
MEXI 4

GER 13  
AUSL 51  
AUSL 51, INDI 2, PHIL 2  
CIS 7

AUSL 48  
MEXI 4, NOWR 12  
GER 10, USA 11, 56, 71  
GER 26  
SWED 8  
CAND 20  
BELG 5



**KEY-WORD**

Water quality  
Water resources

Water-rock interface

Water supply

Water wells

Well logging

Well logs

Well test

Wells

West Indian Ocean

Western Canada

Westphalia

Wetlands

Wildlife

Wind

**Y**

Yukon territory

**Z**

Zagrozenie srodowiska

Zasoby

Zircon

Zloza

Zoology

1=1,000,000

**REFERENCE-NUMBER**

CAND 22, USA 11, 45, 56, 71, 84

AUSL 48, BRAZ 10, CAND 2, CAND 20, DENM 1,  
MART 1, NETH 3, NORW 2, SWED 7, 8, USA 71

MEXI 4

USA 71

SWED 7

FINL 10, POLA 10

AUSL 19, CHIN 9, 12, CZEC 4, NETH 2, UK 5, USA 62

HUNG 10

ARGN 5, 52, BRAZ 10, COLM 8, GUAT 1, INTL 3,

NETH 3

USA 64

CAND 31, 32

GER 1, 3, 4, 12

USA 21

CAND 2, INTL 10

COLM 7

CAND 9

POLA 2

POLA 2

CAND 13

POLA 2

GER 7

JAPA 2

