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conformity with the U.S. Geological Survey editorial standards.

1987

## INTRODUCTION

New Information Resources is a list of new earth science materials recently acquired and cataloged by the U.S. Geological Survey. It is based on the accessions list acquired through our participation in the national OCLC on-line cataloging system. Due to technical reasons two separate lists are created. The first is an alphabetical list by main entry. These entries were assigned unique USGS subject headings that do not print in the OCLC system. They are therefore arranged alphabetically by main entry. The second list is by subject heading. It is subarranged by main entry. Each entry usually consists of four elements: subject, author/title, imprint, and call number.

### EXAMPLE:

Subject: EARTHQUAKES--TENNESSEE--COVINGTON.  
Author/title: Metzger, Ann Garrecht. Covington, TN earthquake,  
February, 1981.  
Imprint: Memphis : Tennessee Earthquake Information Center,  
Memphis State University, 1981.  
Call number: S(239) Sp32 no. 5

Call numbers prefixed with "M" indicate an item is part of the map collection:

M(410)4 B148s

Call numbers ending with D only, MP only, or F only, indicate that one of these regional libraries, Denver, Menlo Park, or Flagstaff, is the sole holder of an item:

210(252) H178m D only

Occasionally an item will not be assigned a call number, receiving instead an alpha abbreviation, such as PAM, i.e., a pamphlet, or qPAM indicating an oversize pamphlet.

Papers related to rock engineering. Oslo : Norges geotekniske institutt, 1986.  
S(581) qN835p no.164

GSF-Bericht. GSF-Bericht. München : Die Gesellschaft, c1985-  
S(530) qG328sf

Soil research report. Soil research report. Nanjing, China : The Institute.  
S(610) So34

ACID POLLUTION OF RIVERS, LAKES, ETC.--NEW JERSEY--PINE BARRENS.

Morgan, Mark D. Impact of acid precipitation on stream water chemistry in the New Jersey Pinelands : final report. New Brunswick, N.J. : Center for Coastal and Environmental Studies, Rutgers, The State University of New Jersey, 1986.  
795(222) M823i

ACID PRECIPITATION (METEOROLOGY)--MARYLAND.

Bachman, L. Joseph. Relationship between precipitation quality, shallow ground-water geochemistry, and dissolved aluminum in eastern Maryland. Towson, Md. : The Program, 1986.  
583(225) B124r

ACID PRECIPITATION (METEOROLOGY)--NORTHWEST, PACIFIC--CONGRESSES.

Acid rain in the Pacific Northwest : proceedings of the Acid Rain Symposium, annual conference of the Northwest Association for Environmental Studies, University of Victoria, Victoria, B.C., Canada. [Victoria, B.C. Canada? The Association, 1985]  
583.1 Ac47

ACID RAIN--UNITED STATES.

Lewis, Drew. Joint report of the special envoys on acid rain. [S.l. : s. n., 1986]  
795 L586j

ACTINOMETER.

Aktinometriiã, atmosfernaã optika i ozonometriiã. Leningrad : Gidrometeoizdat, 1983.  
S(570)

AEROSOLS.

Dworak, Tadeusz Zbigniew. Optical remote sensing methods for the investigation of aerosols in the atmosphere : on the example of the Cracow agglomeration. Kraków : Akademia Górniczo-Hutnicza im. S. Staszica, 1986.  
S(578) K84z no.1046

AFGHANISTAN.

Afghanistan : a country study. 5th ed. Washington, D.C. : The Studies : For sale by the Supt. of Docs., U.S. G.P.O., 1986.  
504(655) Af34 1986

AFGHANISTAN--MAPS.

United States. Central Intelligence Agency. Afghanistan. [Washington, D. C. : Central Intelligence Agency, 1982]  
M(655) 1982u

## ALASKA--GEOLOGY--CONGRESSES.

Alaska Geological Society. Symposium ([11th] : 1982 : Anchorage). Western  
Alaska geology and resources potential : proceedings of the 1982 symposium.  
Anchorage, Alaska : The Society, 1983.  
G(286) J826a v.3

## ALBERTA--GEOLOGY--MAPS.

Geological highway map of Alberta. 2nd ed. 1981. Calgary, Alta. :  
Canadian Society of Petroleum Geologists, 1981.  
M(170)2 1981c

## ALGERIA--DESCRIPTION AND TRAVEL.

Algeria, a country study. 4th ed., 1985. Washington, D.C. :  
Headquarters, Dept. of the Army : For sale by the Supt. of Docs., U.S. G.P.O.,  
1985.  
590(730) A135

## ALLUVIUM--INDIANA--EVANSVILLE.

Fraser, Gordon S. Alluviation of the Ohio River Valley near Evansville,  
Indiana and its effect on the distribution of sand and gravel in the area.  
Bloomington, Ind. : Indiana Department of Natural Resources, Geological  
Survey, 1986.  
(252) Sr no.36

## AMBER--CATALOGS AND COLLECTIONS.

Amber in nature : guide and catalog of the exhibition. Warsaw : Wydawn.  
Geologiczne, 1984.  
469(578) Aml6

## ANTARCTIC REGIONS--COLLECTED WORKS.

Contribución (Instituto Antártico Argentino). Contribución. Buenos  
Aires : El Instituto.  
P(420) qIn8c

## ANTARCTICA--GEOLOGY--ELLSWORTH MOUNTAIN REGION--MAPS.

Geologic map of the Ellsworth Mountains, Antarctica. Boulder, CO :  
Geological Society of America, 1986.  
M(990)2 E158c

## ANTHRACITE COAL--SOVIET UNION--KUZNETZ BASIN.

Radioactivity of the hard coal from the Kuznetz Basin = Radioaktivnost  
kamennykh uglei Kuznetzkogo basseina. [1985]  
TRANSLATION FILE

## ANTHROPOMETRY.

Ubelaker, Douglas H. Human bones and archeology. Washington, D.C. : U.S.  
Dept. of the Interior, Heritage Conservation and Recreation Service,  
Interagency Archeological Services : For sale by the Supt. of Docs., U.S. G.  
P.O., 1980.  
679.9 Un33u

## AQUIFERS--TENNESSEE.

Preliminary delineation and description of the regional aquifers of Tennessee :  
basal sandstone west of the Valley and Ridge Province / J.V. Brahana ... [et  
al.] ; prepared in cooperation with the U.S. Environmental Protection Agency.  
Nashville, Tenn. : U.S. Geological Survey, 1986.  
(200) WRI no.82-762

## ARCHES NATIONAL PARK (UTAH)--DESCRIPTION AND TRAVEL--MAPS.

Gal, Jean-Claude. Arches National Park. Moab, Utah : Lin Ottinger Tours, c1973.  
M(273) 585.7 Ar24g

## ARIZONA--GEOLOGY--MAPS.

Wilde, Inc. Arizona-New Mexico geologic and photogeologic compilation map. Denver, CO : Wilde, Inc., TerraScan Group, Inc., 1982.  
M(270) 2 1982w

## ARIZONA--MINERAL RESOURCES--ARIZONA--NEEDLES EYE WILDERNESS.

Mineral resources of the Needles Eye Wilderness Study Area, Gila County, Arizona. [Washington, D.C.] : U.S. G.P.O., 1987.  
(200) E no.1703-B

## ARIZONA--MINERAL RESOURCES--FISHHOOKS WILDERNESS.

Mineral resources of the Fishhooks Wilderness Study Area, Graham County, Arizona. Washington, D.C. : U.S. G.P.O., 1987.  
(200) E no.1703-A

## ARTESIAN WELLS--BRITISH COLUMBIA.

Johanson, D. Flowing artesian wells in British Columbia. [British Columbia] : Water Resources Service ; Water Investigations Branch, [1976]  
492(180) fJ598f

## ARTIFICIAL SATELLITES IN TELECOMMUNICATION.

Needs, opportunities and strategies for a long-term oceanic sciences satellite program. Boulder, CO : National Center for Atmospheric Research, [1981]  
739 N288

## ASTRONAUTICS IN GEODESY.

Space geodesy and geodynamics. London ; Orlando : Academic Press, 1986.  
740 Sp2 F only

## ATMOSPHERIC CIRCULATION--MATHEMATICAL MODELS.

Modelirovanie obshchei tsirkuliatsii atmosfery i chislennyi prognoz meteorologicheskikh elementov na srednie sroki. Leningrad : Gidrometeoizdat, 1985.  
S(570) L538t vyp.264

## ATMOSPHERIC TURBULENCE.

Shipilov, O. I. Issledovanie vertikalnoi turbulentnoi strui szhimaemogo gaza. Moskva : Moskovskoe otd-nie Gidrometeoizdata, 1984.  
S(570) In7gt vyp.55

## AUSTRALIA--GEOLOGY--MAPS.

Australia. Bureau of Mineral Resources, Geology and Geophysics. Geological map: Australia. [Canberra] : The Dept., 1971.  
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M(800) 2 1976d

Geological Society of Australia. Tectonic Map Committee. Tectonic map of Australia and New Guinea, 1971. Sydney : The Society, 1971.  
M(800) 21 1971g

- Metamorphic map of Australia, 1983, scale 1:5 000 000. [Canberra] : Bureau of Mineral Resources, Geology, and Geophysics, Dept. of Resources and Energy, c1983.  
M(800)19 1983v
- AUSTRALIA--GEOLOGY--SYDNEY REGION (N.S.W.)--CONGRESSES.  
Advances in the study of the Sydney Basin : proceedings of the twentieth symposium. [Newcastle, N.S.W.] : The Dept., c1986.  
201(820) Ad95 D only
- BAJA CALIFORNIA (MEXICO)--GEOLOGY.  
Robinson, John William. Reconnaissance geology of the northern Vizcaino Peninsula, Baja California Sur, Mexico. 1975.  
203(320) R563r MP only
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Almukhamedov, A. I. Evoliutsiia bazaltovogo vulkanizma Krasnomorskogo regiona. Novosibirsk : Izd-vo "Nauka," Sibirskoe otd-nie, 1985.  
220(072) Al68e MP only
- BAUXITE--AZERBAIJAN S.S.R.--NAKHICHEVAN A.S.S.R.  
Khalifa-zade, Ch. M. Mineralogiia i genezis boksitovykh porod Nakhichevanskoï ASSR. Baku : Elm, 1986.  
441(572) K527m
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(532.3) Rz no.76
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(890) qR245 no.16
- BIBLIOGRAPHY--GEOLOGY--PAPUA NEW GUINEA.  
Report list. [Port Moresby] : The Department, [19--]  
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- BIBLIOGRAPHY--GEOLOGY--SIERRA NEVADA MOUNTAINS (CALIF. AND NEVADA).  
The Geologic and tectonic history of the western Sierra foothills : a literature search for U.S. Bureau of Reclamation, Auburn, California. [s. l. : s.n.], 1977.  
210(276) G292t MP only
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Kaerlein, Fritz. Bibliographie der Geschiebe des pleistozänen Vereisungsgebietes Nordeuropas. Hamburg : Geologisch Palaontologisches Institut der Universität Hamburg, 1969.  
G(530) H17 Heft 38

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The Geology of Syria bibliography. Jerusalem : Ministry of Energy and Infrastructure, Geological Survey, [1985]  
R (681) Is7rgs no.39-85

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Prensky, Stephen E. Geological applications of well logs : a selected bibliography of well logging literature published through June 30, 1986. [Denver, CO] : U.S. Geological Survey, [1986]  
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Comprehensive bibliographies on mineralized and unmineralized layer mafic intrusions in the United States. [Menlo Park, CA] : U.S. Geological Survey, 1986.  
(200) R29o no.86-589-A

## BIBLIOGRAPHY--NORTHWEST, PACIFIC--MAPS.

Pacific Northwest River Basins Commission. Hydrology and Hydraulics Committee. Index of selected maps, Pacific Northwest region. Vancouver, Wash. : Hydrology and Hydraulics Committee, Pacific Northwest River Basins Commission, 1972.  
508(284) In3 D only

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Evans, Joanna. Optical disk technology : a brief guide to materials in the Library of Congress. Washington, D.C. : Science Reference Section, Science and Technology Division, Library of Congress, [1986]  
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P(200) D361h1

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Visnyei, Andrew. Bibliography of selected papers on geophysical techniques in searching for ground water. [Denver, Colo.] : U.S. Geological Survey, [1987]  
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Geologic implications of Paleozoic and Mesozoic paleontology and biostratigraphy, Blue Mountains province, Oregon and Idaho. Washington : U.S. G.P.O. 1986.  
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768(253) P915

## BORINGS--DENMARK--CONTINENTAL SHELF.

Frandsen, Nils. Middle Jurassic deltaic and coastal deposits in the Lulu-1 well of the Danish Central Trough. København : Danmarks Geologiske Undersøgelse, I kommission hos C.A. Reitzels forlag, 1986.  
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Geology of drill hole UE25p/1 : a test hole into pre-Tertiary rocks near Yucca Mountain, southern Nevada. Menlo Park, Calif. : U.S. Geological Survey, 1986.  
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Flores, Romeo M. Lithofacies description and interpretation of selected intervals in the upper part of the Ordovician Simpson Group in a core from the Mazur Well, Southeast Anadarko Basin, Oklahoma. [Denver, CO] : U.S. Geological Survey, 1986.  
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Dantas, José Robinson Alcoforado. Mapa geológico do Estado de Pernambuco, escala 1:500.000. Recife [Brazil] : Ministério das Minas e Energia, Departamento Nacional da Produção Mineral, 4o. Distrito Regional, 1980.  
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British Columbia. Ministry of Energy, Mines and Petroleum Resources. British Columbia geological highway map. [Victoria?] : The Ministry, [1983?].  
M(180)2 1983b

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Site investigation practice : assessing BS5930. London : Geological Society, 1986.  
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Report on the Lar earthquake of 24th April 1960 : to the Second World Conference on Earthquake Engineering in Tokyo and Kyoto, Japan, July 11-18, 1960. Tehran : University Press, [1960]  
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Geologic map of Branch Mountain quadrangle and part of Chimineas Ranch quadrangle, California. [Reston, Va.] : U.S. Geological Survey, 1986.  
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Page, R. W. Geology of the fresh ground-water basin of the Central Valley, California : with texture maps and sections. Washington : U.S. G.P.O., 1986.  
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Geological Society of America. Cordilleran Section. Trip 1--Petrology, Sonoma-Petaluma area, leaders: C.W. Chesterman, S.J. Rice, and Robert Rose. Trip 2--Stratigraphy: Oakland-Mt. Diablo area, leaders: D.E. Savage, O.E. Bowen. Berkeley, Calif. : The Section, [1955]  
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Field guide to Papoose Flat in the Inyo Mountains eastern California. [Los Angeles, Calif.] : The Society, [1977]  
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Charlton, Douglas Woodard. Geology of part of the Ironside Mountain Quadrangle, northern California Klamath Mountains. [1979]  
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Vedder, J. G. Geologic map of parts of La Panza and California Valley quadrangles, California. [Reston, Va.] : U.S. Geological Survey, 1986.  
M(276)2 L312v -- (200) R29o no.86-637 -- (200) R29o no.86-637

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Clifton, H. Edward. Lithofacies in part of the type Merced Formation in sea cliff exposures between Thornton Beach and Woods Gulch, Daly City, California. [Menlo Park, Calif.] : U.S. Geological Survey, [1986.]  
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Ti chih yen chiu lun wen chi = Proceedings  
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G(610) T428c

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