Techniques of Water-Resources Investigations of the U.S. Geological Survey

The USGS publishes a series of manuals, the Techniques of Water-Resources Investigations, describing procedures for planning and conducting specialized work in water-resources investigations. The material is grouped under major subject headings called books and is further divided into sections and chapters. For example, section A of book 3 (Applications of Hydraulics) pertains to surface water. The chapter, the unit of publication, is limited to a narrow field of subject matter. This format permits flexibility in revision and publication as the need arises.

Reports in the Techniques of Water-Resources Investigations series, which are listed below, are online at http://water.usgs.gov/pubs/twri/. Printed copies are for sale by the USGS, Information Services, Box 25286, Federal Center, Denver, Colorado 80225 (authorized agent of the Superintendent of Documents, Government Printing Office), telephone 1-888-ASK-USGS. Please telephone 1-888-ASK-USGS for current prices, and refer to the title, book number, chapter number, and mention the “U.S. Geological Survey Techniques of Water-Resources Investigations.” Products can then be ordered by telephone, or online at http://www.usgs.gov/sales.html, or by FAX to (303)236-469 of an order form available online at http://mac.usgs.gov/isb/pubs/forms/. Prepayment by major credit card or by a check or money order payable to the “U.S. Geological Survey” is required.

Book 1. Collection of Water Data by Direct Measurement

Section D. Water Quality


Book 2. Collection of Environmental Data

Section D. Surface Geophysical Methods


Section E. Subsurface Geophysical Methods


Section F. Drilling and Sampling Methods


Book 3. Applications of Hydraulics

Section A. Surface-Water Techniques


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Book 3. Applications of Hydraulics—Continued

Section A. Surface-Water Techniques—Continued


Section B. Ground-Water Techniques


Techniques of Water-Resources Investigations of the U.S. Geological Survey—Continued

Book 3. Applications of Hydraulics—Continued

Section B. Ground-Water Techniques—Continued


Section C. Sedimentation and Erosion Techniques


Book 4. Hydrologic Analysis and Interpretation

Section A. Statistical Analysis


Section B. Surface Water


Section D. Interrelated Phases of the Hydrologic Cycle


Book 5. Laboratory Analysis

Section A. Water Analysis

Techniques of Water-Resources Investigations of the U.S. Geological Survey—Continued

**Book 5. Laboratory Analysis—Continued**

*Section A. Water Analysis—Continued*


*Section C. Sediment Analysis*


**Book 6. Modeling Techniques**

*Section A. Ground Water*


**Book 7. Automated Data Processing and Computations**

*Section C. Computer Programs*


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Book 8. Instrumentation

Section A. Instruments for Measurement of Water Level


Section B. Instruments for Measurement of Discharge


Book 9. Handbooks for Water-Resources Investigations

Section A. National Field Manual for the Collection of Water-Quality Data


