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# GIS newsletter

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## Univ. Microfilms Issues Dissertation Bibliographies

University Microfilms International has recently issued bibliographies of doctoral dissertations of interest to geoscientists. *Ecology and the environment* covers the period from 1970-1976 and updates *A bibliography of doctoral research on ecology and the environment* published in 1972. Bibliographies entitled *Geology and mineralogy*, *Hydrology and desalination*, *Mining*, and *Oceanography* are also available. They may be obtained free of charge from: University Microfilms International, 300 North Zeeb Road, Ann Arbor, Michigan 48106 or overseas, 18 Bedford Row, London WC1R 4EJ, England.

## California Establishes Drought Information Center

The May 1977 issue of *California geology* reports that 1976 will be remembered as one of the exceptionally dry years in California history. The current year is expected to be at least as severe. To assist California citizens and governmental agencies, a Drought Information Center was established in Sacramento on January 4. It is a "cooperative effort of federal, state, and local agencies to provide up-to-date status of drought conditions by reporting regularly on (1) the general weather picture, (2) the general water supply conditions, (3) the status of specific agriculture and water related problems, such as irrigation needs of crops, planting time, evaporation data, well drilling equipment, and emergency loans, (4) the water conditions in recreational areas, and (5) water conservation methods." Further information about the Center can be obtained by contacting: Drought Information Center, 1416 Ninth Street, Room 1617-16, Sacramento 95814. Phone: (916) 445-1835.

## GSA Second Circular Available

All those interested in obtaining the Second Circular for the GSA Annual Meeting in Seattle can consult the August issue of *Geology* or write the Annual Meeting Department Secretary, Geological Society of America, 3300 Penrose Place, Boulder, Colorado 80301. Preregistration deadline is September 19. Registrants can save \$10.00 by registering early.

## GSA To Issue *Bulletin* In Two Parts In 1979

Beginning with the January 1979 issue, the *GSA Bulletin* will be issued in two parts: Part I in the same format as the present *Bulletin* and Part II on microfiche. According to the July 1977 issue of *Geology*, "This change in publication policy is necessitated by increased cost of publishing; increased numbers, length, and complexity of articles submitted for the present *Bulletin*; and steadily increasing delay in publication time. Part I, which will have the same appearance and outer dimensions as the present *Bulletin*, will ultimately contain only summaries and short articles at a standardized length of approximately two printed pages. However, during a transition period in 1979, Part I may contain a diminishing number of conventional papers like those in the present *Bulletin*.

Part II will be reproduced on 98-frame microfiche and will contain full-length reports as well as reprints of the summary articles in Part I. Most of these reports will be as long as those in the present *Bulletin*; others may be longer if it is required by the subject matter. A few articles in Part II may be equivalent in length to reports formerly published as short *Special papers*. All reports in Part II must be represented by summary articles in Part I.

The new *Bulletin* will thus retain the scope and prestige of the present *Bulletin* and at the same time will provide the space required for publication of many longer reports, including those formerly appropriate only for the *Special paper* series.

Parts I and II will be offered on separate subscriptions. The cost of a subscription to Part I will be significantly lower than the 1978 price for the present *Bulletin*, and the cost of subscription to Part II on microfiche will be moderate."

Registrants for the GSA Annual Meeting in Seattle will receive an invitation to an information session about the new *Bulletin* format.

## Abstracts With Programs Format To Change In 1978

John C. Frye, Executive Director, The Geological Society of America, has announced that the format of the Society's *Abstracts with programs* will be changed to an 8½ x 11 format effective with volume 10, 1978.

GEOLOGY

JUN 28 1977

## CRREL Publishes Info' Exchange Bulletin

U.S. Army Cold Regions Research and Engineering Laboratory (CRREL), Hanover, N. H., publishes an information exchange bulletin entitled *USA CRREL benchnotes*. The first issue appeared in May 1976 and subsequent numbers have been issued every three months. The newsletter reports on on-going CRREL projects and includes announcements, news items, and a section "Recent CRREL Publications." *Benchnotes* is free of charge. Write: U.S. Army Cold Regions Research and Engineering Laboratory, Hanover, New Hampshire 03755.

## Letter To GIS

(The Editor recently received this letter addressed to the Society.)

Gentlemen:

Do any studies made by your group on the incidence and geographical distribution of any specific disease suggest that further investigation of possible correlation with the underlying geologic bedrock or ground water might be attempted? Or if there is anything that might lend itself for such a study, I would appreciate the information. I am interested in finding this kind of problem to work on.

In addition, if there are any publications on these topics available from your group, will you please tell me how to obtain copies.

If there is anyone, either an epidemiologist or geologist, who is presently doing such work, would you kindly let me know his name and where I can contact him.

With many thanks for your kindness and cooperation.

Yours very truly,

E. Lynn Savage  
Associate Professor of Geology  
Brooklyn College of the City  
University of New York  
Dept. of Geology  
Bedford Avenue and Avenue H  
Brooklyn, New York 11210

## Literature Citations

Index of geologic maps of Arizona. Comp. by the U.S. Geological Survey. *Arizona. Bureau of Mines. Fieldnotes*, vol. 7, no. 1, Spring 1977, p. 6-18.

Wise, Donald A. Cartographic sources and procurement problems. *Special libraries*, vol. 68, nos. 5/6, May/June 1977, p. 198-205.

## New Members

Judith H. Bailey  
2680 East Easter Avenue  
Littleton, Colorado 80122  
(Assistant Librarian, French American Metals  
Corporation, Lakewood)

John Douglas Calman  
Box 4985  
Florida State University  
Tallahassee, Florida 32313  
(Computer terminal operator, Florida Dept. of Natural  
Resources, Bureau of Geology)

Joseph J. Kohut  
Professor/Science Librarian  
The Library  
Portland State University  
P. O. Box 1151  
Portland, Oregon 97207

Raymond J. Linebach  
Soils and Geology Technologist  
Missouri State Highway Department  
329 South Kirkwood Road  
Kirkwood, Missouri 63122

Barbara MacDonald  
Reference Librarian/On-line Retrieval Specialist  
Colorado School of Mines  
Golden, Colorado 80401

Thomas H. Murray, Jr.  
919 Cheyenne Drive  
Walnut Creek, California 94598  
(Supervisor, Technical Information Services, Chevron  
Overseas Petroleum, Inc., San Francisco)

## New Publications

(GIS members are in caps)

Gilpin, Alan, comp. Dictionary of environmental terms. St. Lucia, University of Queensland Press, 1976. 191 p. \$14.25; paper \$7.90. (Australian environment, 3) (LC 77-353100; ISBN 0-7022-1010-2) Available from: P. Warren, 1136 Fifth Ave., New York, New York 10028.

Great Lakes directory of universities, research institutes, libraries and agencies concerned with water and land resources in the Great Lakes Basin. Prepared for the Interagency Committee on Marine Sciences and Engineering, Federal Council for Science and Technology, by the Great Lakes Environmental Laboratory, National Oceanic and Atmospheric Administration, U.S. Dept. of Commerce, under contract with the Great Lakes Basin Commission. Ann Arbor, Mich., March 1976. 66 p. Available free from: Great Lakes Basin Commission, 3475 Plymouth Road, P. O. Box 999, Ann Arbor, Mich. 48105.

Guide to U.S. government maps: geologic and hydrologic maps. 2d ed. 1977. \$50.00. Available from: Documents Index, P. O. Box 195, McLean, Va. 22101.

International journal for numerical and analytical methods in geomechanics. Quarterly. Vol. 1, no. 1, 1977- London, John Wiley. \$45.00; U.K. £ 22.50.

King, D.W. Statistical indicators of scientific and technical communication, 1960-1980. Volume I: A summary report for National Science Foundation, Division of Science Information. Rockville, Md., King Research, Inc., 1976. 99 p. \$2.05.

Marine geodesy. Quarterly. Vol. 1, no. 1, March 1977- New York, Crane, Russak. \$40.00.

Progress in physical geography. Three issues a year. Vol. 1, no. 1- March 1977- London, Edward Arnold. \$25.00.

The journal will focus on geomorphology, climatology and biogeography, but will be concerned with the spatial and ecological developments in all the natural sciences.

Stibbe, Hugu Leendert Philip. MARC-maps; the history of its development and a current assessment. Utrecht, The Netherlands, Geografisch Instituut van de Rijksuniversiteit, 1976. 293 p. Dfl. 30. (ISBN 90-70118-05-X).

STOWE, CARLTON H., comp. Utah mineral industry operator directory 1977. Salt Lake City, Utah Geological and Mineral Survey, 1977. (Utah. Geological and Mineral Survey. Bulletin no. 111) Available for \$3.00 plus \$.30 for postage and handling from: UGMS, 606 Black Hawk Way, Salt Lake City 84108.

Trzyna, Thaddeus C. and Coan, Eugene V. World directory of environmental organizations. Rev., 2d ed. Claremont, Calif., Public Affairs Clearinghouse, 1976. 258 p. pap. \$18.00. (LC 75-38124; ISBN 0-912102-20-9)

USA oil industry directory. 1977 ed. \$45.00. Available from: The Petroleum Publishing Co., P. O. Box 1260, Tulsa, Okla. 74101.

The Weather almanac. Ed. by James A. Ruffner and Frank Bair. 2d ed. Detroit, Gale Research Co., 1977. 650 p. \$20.00. (LC 73-9342, ISBN 1043-0)

A reference guide to weather and climate of the U.S. and its key cities, including reference data on storms and weather extremes. Also includes world climatological highlights.

Who's who II in the Interagency Energy/Environment R & D Program. Washington, D.C., U.S. Environmental Protection Agency, Office of Research and Development, Office of Energy, Minerals and Industry, October 1976. (EPA-600/7-76-015) 17 p. Free.

This volume is a part of the *Energy/environment R & D decision series*, which presents the key issues and findings of the 17-agency Federal Interagency Energy/Environment Research and Development Program. The volumes are of three types: *Summaries*—short synopses of larger research reports; *Issue papers*—concise discussions of major energy/environment technical issues; and *Executive reports*—in-depth discussions of an entire program area. Copies are available from: Series Editor Richard Laska, Office of Energy, Minerals and Industry, RD-681, U.S. EPA, Washington, D.C. 20460.

## Positions Open

### *Position Title and Grade:*

**Supervisory Librarian, GS-12 or 13 (GS-12: \$20,442 per annum) (GS-13: \$24,308 per annum)**

### *Location:*

U.S. Geological Survey  
Reston, Virginia 22092

### *Qualifications:*

A broad academic knowledge of one or more areas of the earth sciences coupled with extensive work experience with geoscience reference materials and related data base operations. Demonstrated supervisory and administrative experience; ability to work effectively with staff members and library clientele. Degree in geosciences; graduate degree in library science. GS-12: In addition to the requirements for GS-11, one additional year of progressively responsible work experience at the GS-11 level or equivalent. GS-13: In addition to the requirements for GS-12, one additional year of progressively responsible work experience at the GS-12 level or equivalent.

### *Duties:*

Functions as the Chief, Reference and Circulation Section, of a large research library in the earth sciences. Responsible for (1) overall supervision of a reference and circulation operation designed to fully utilize the Library's collections and resources in meeting the needs of its users; (2) determining and evaluating the techniques and methods required for the Section to be responsive to any expansion of present programs; (3) providing authoritative technical and policy guidance in the areas of reference and circulation to the Survey's field libraries.

### *Contact:*

Submit a completed SF-171 to and/or request additional information from George H. Goodwin, Jr., Chief Librarian, U.S. Geological Survey Library, National Center, Mail Stop 950, 12201 Sunrise Valley Drive, Reston, Virginia 22092. Phone: 703/860-6619, FTS 8-928-6619.

The U.S. Geological Survey is an Equal Opportunity Employer.

Applications can be accepted only from those candidates who have Federal status, are eligible for reinstatement, or have established eligibility under Librarian Announcement no. 422.

### *Position Title and Grade:*

**Librarian, GS-9 (\$14,097 per annum)**

### *Location:*

U.S. Geological Survey  
Reston, Virginia 22092

### *Qualifications:*

MLS degree. Thorough knowledge of Anglo-American Cataloging Rules. Prefer applicants with some academic background in earth sciences and foreign languages. OCLC and serials cataloging experience desirable.

*Duties:*

Functions as one of a team of professional catalogers for a large research library in the earth sciences. Is expected to perform classification and cataloging for monographs, plus analytical cataloging for some serial publications as required. Performs full descriptive and subject cataloging, as well as recataloging when necessary.

*Contact:*

Submit a completed SF-171 to and/or request further information from Mr. Bobby M. Reed, Chief, Catalog Section, U.S. Geological Survey Library, National Center, Mail Stop 950, 12201 Sunrise Valley Drive, Reston, Virginia 22092. Phone: 703/860-6611, FTS 8-928-6611.

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*Position Title and Grade:*

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*Location:*

U.S. Geological Survey  
Reston, Virginia 22092

*Qualifications:*

MLS degree. Bachelor's degree with subject background in geology/geography desirable. Work experience in earth-science library helpful.

*Duties:*

Functions as one of a team of reference librarians who are highly service-oriented. Involved in all aspects of reference work, including reference desk duty, book selection, computerized data base searching, and inter-library loan activities.

*Contact:*

Submit a completed SF-171 to and/or request additional information from: George H. Goodwin, Jr., Chief Librarian, U.S. Geological Survey, National Center, Mail Stop 950, 12201 Sunrise Valley Drive, Reston, Virginia 22092. Phone: 703/860-6619, FTS 8-928-6619.

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## 1977 GIS Officers

**PRESIDENT:** John G. Mulvihill, Manager, GeoRef, American Geological Institute, 5205 Leesburg Pike, Falls Church, Va. 22041 (703/379-2480)

**PAST PRESIDENT:** Vivian S. Hall, Geology Librarian, 100 Bowman Hall, University of Kentucky, Lexington, Kentucky 40506 (606/258-5730)

**VICE-PRESIDENT and PRESIDENT-ELECT:** Richard D. Walker, Library School, University of Wisconsin, Madison, 600 North Park Street, Madison, Wisconsin 53706 (608/263-2919 or 263-2900)

**SECRETARY:** Mary W. Scott, Leonard Hall, Room 102, University of North Dakota, Grand Forks, North Dakota 58202 (701/777-4349)

**TREASURER:** Katherine L. Keener (Code 25111), Librarian, Naval Environmental Protection Support Office, Naval Construction Battalion Center, Port Hueneme, Calif. 93043 (All correspondence should be marked PERSONAL OFFICIAL.) Phones: AUTOVON - 360-5952; FTS - 799-5952; Commercial - 805/982-5952; Home - 805/486-3473.

The *GIS newsletter* is published bi-monthly in February, April, June, August, October and December by the Geoscience Information Society. Subscription to the *Newsletter* is \$12.00 per year and is included in the Society's annual membership dues. All correspondence relating to dues, membership status and address changes should be directed to the GIS Secretary:

Mary W. Scott  
Leonard Hall, Room 102  
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GIS members are invited to contribute articles or news of general interest to the membership. Please submit all material to the Editor.

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