

# GIS newsletter

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## AGI Publishes New Edition Of Glossary Of Geology

The American Geological Institute has just published the second edition of the *Glossary of geology*. The new edition of this major dictionary of the earth sciences contains "36,000 terms, compared to 33,000 in the 1972 edition, and reflects changes in the geoscience vocabulary of the last decade. Changes are particularly evident in such active fields as biostratigraphy, remote sensing, plate tectonics, cave and karst, igneous petrology, paleomagnetism, remote sensing, plate tectonics, and seismic stratigraphy. 450 new mineral names, more than one hundred abbreviations, and nearly 500 new references to the literature have been added to the publication." The compilers are Robert L. Bates, Professor Emeritus of Geology, The Ohio State University, and Julia A. Jackson of the American Geological Institute. The 749-paged *Glossary* costs \$60.00 and may be obtained from the American Geological Institute, One Skyline Place, 5205 Leesburg Pike, Falls Church, Virginia 22041.

## MARC Maps Processing Topic Of LC Workshop

The Geography and Map Division of the Library of Congress is sponsoring and conducting a two-part MARC Maps Processing Workshop in LC's James Madison Memorial Building June 16-20, 1980. (The week following the Special Libraries Association annual conference in Washington, D.C.) The workshop is being coordinated by David K. Carrington, Head, Technical Services Section. Among the featured speakers is GIS member John R. Schroeder, Head, Cataloging Unit. The two-day lecture series (June 16-17) "is intended to provide a general orientation on the use and application of the MARC Maps format for the processing of cartographic materials in the Geography and Map Division of the Library of Congress, and to examine MARCS Maps, particularly as to its impact on and value in on-line cooperative cataloging of cartographic materials. The session should be of interest to map librarians, cartographic archivists, library administrators, network coordinators, and catalogers of other formats. This session will be open to a maximum of 100 registrants." The 2-1/2 day practicum (June 18-20) "is intended to provide a relatively inexpensive, practical orientation to LC and Geography and Map Division practices and procedures for MARC Maps data preparation and cartographic material cataloging. This session of the workshop should be of particular interest to catalogers and map librarians who are inputting map records into utilities such as OCLC or RLIN, or who are

planning to do so." There is no charge for the workshop. Participants will be accepted on a first come, first served basis. They are expected to make their own arrangements for housing, meals, etc. Registration information may be obtained from The MARC Maps Processing Workshop, Geography and Map Division, Library of Congress, Washington, D.C. 20540 (202 / 287-8530).

## ISI Expands Program For Library Grants

The Institute for Scientific Information, Philadelphia, has announced that its program of awarding grants towards the purchase of many of ISI's information services has been expanded. Grant rates as low as 25% of list price have been set up, and new products have been made available through the program. The Library Grant Program in 1980 is a new category which will enable certain libraries to obtain ISI indexes at 25% of list price. These libraries can be at schools such as junior colleges, community colleges and technical schools which do not grant Bachelors, Masters, or Doctoral degrees, although they may award certificates of achievement for academic credit. Other libraries, depending on their type and sizes, can qualify for grant awards allowing the purchase of ISI's major indexes at 75% or 50% of list price. Among the indexes available through the Library Grant Program is the *Science citation index*<sup>®</sup> (*SCI*<sup>®</sup>), a major multidisciplinary index to the literature of the sciences. Acquisition of the *SCI* can give libraries coverage of over 3,000 life and physical science journals and nearly 1,200 books annually.

The *SCI* is a totally integrated literature search system. It employs a variety of indexing techniques including title-word, author, organization, and citation indexing. Citation indexing is based on the fact that an author's references (citations) to previously published material indicate subject relationships between the current author's article and the older publications. In a citation index, these relationships can be used to retrieve new items about a subject when an earlier work on the same subject is known by the literature searcher.

Librarians, scientists, researchers and other professionals are invited to apply for a determination of grant eligibility for their organizations or departments. ISI's Library Grant Program is directed by Arthur Kennedy, Grant Coordinator. Those wishing application forms should write the Grant Coordinator, Institute for Scientific Information, 3501 Market Street, University City Science Center, Philadelphia, Pennsylvania 19104.

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## National Sea Grant Depository Issues 1979 Publications Index

The 1979 edition of the *Sea Grant publications index* is available to libraries free of charge. The *Index* contains citations from all publications generated by the National Sea Grant Program for 1979. It consists of six cross-referenced sections: document listing, key word in context index, author index, corporate index, NTIS number index, and additional report number index (a listing of numbers assigned to Sea Grant publications by the issuing institutions). Among the marine science disciplines covered are aquaculture, fisheries, mineral resources, biomedicinals, ocean engineering, coastal management, pollution studies, marine education, and applied oceanography. The *Sea Grant publications index* is produced by computerized retrieval from the National Sea Grant Depository's bibliographic data base, which contains some 13,000 citations dating from 1968. The cumulative data base is available on microfiche. All publications cited in the *Index* are available on loan for a period of one month. Loan requests and other inquiries should be sent to: National Sea Grant Depository, Bay Campus, University of Rhode Island, Narragansett 02882.

## Infonics Offers Libraries Total Cataloging Service

Infonics, Inc., Littleton, Mass., announces the availability of professional cataloging services to complement its catalog data base maintenance system. This improvement allows Infonics to provide a total cataloging service for special libraries. It is tailored to suit individual library requirements and solve customer problems of on-line MARC II data base searching, searching of NUC and other data bases for catalog data not on MARC, original cataloging, entering holdings data, and updating shelflists. Librarians wishing to use Infonics may specify their general requirements, listing those services they would like to procure and those activities they would be able to perform themselves.

The special services provided range from a total on-going catalog maintenance service, where acquisition slips and shelflist changes are forwarded to Infonics, to provision of only original cataloging and data entry for those titles not found by the customer in the Infonics' on-line data base. The specific products produced by Infonics' library automation system are book catalogs and shelflists, computer typeset accessions lists, COM catalogs, cards, labels, magnetic tapes and union catalogs.

A free booklet "Infonics' Program for Libraries" may be obtained from the Library Services Department, Infonics, Inc., 550 Newtown Road, Littleton, Mass. 01460.

## News Items

Dr. H. William Menard, Director, U.S. Geological Survey, has agreed to send microfiche copies of the U.S.G.S. *Open-file reports* through the Government Printing Office depository program.

John F. Price of the National Referral Center, Library of Congress, reports that the Center will publish in the Fall of 1980 a directory entitled *Information resources in the United States: geosciences and oceanography*. The National Referral Center maintains a file of some 1000 information resources in the geosciences and related subject areas.

Julie Bichteler was honored as one of the past presidents of the Texas Chapter, Special Libraries Association, at the organization's 30th Anniversary Banquet in San Antonio February 1.

## Literature Citations

(GIS members in caps)

Benton, M.J. H.A. Nicholson (1844-1899), invertebrate palaeontologist: bibliography and catalogue of his type and figured material. *Edinburgh. Royal Scottish Museum. Information series: geology 7*, November 1979, 94 p.

Bibliography of Ohio geology, 1755-1974, compiled by Pauline Smyth. *Ohio. Division of Geological Survey. Information circular no. 48*, 1979, 249 p.

California Well Sample Repository. *California geology*, vol. 33, no. 2, February 1980, p. 42-43.

*Directory to Federal, state, and local OCS related activities and contacts*. 1980. 170 p. Free upon request from: Chief, RALI Program, U.S. Geological Survey, 750 National Center, Reston, Va. 22092

The directory identifies the numerous agencies involved with oil and gas activities on the Outer Continental Shelf.

Fairbridge, Rhodes W. and FINKL, CHARLES W., JR. Cratonic erosional unconformities and peneplains. *The journal of geology*, vol. 88, no 1, January 1980, p. 69-86.

Gibson, Robert W., Jr. and Kunkel, Barbara K. Japanese information network and bibliographic control: scientific and technical literature. *Special libraries*, vol. 71, no. 3, March 1980, p. 154-162.

Griffin, Lilian. New Zealand map collections. *Special libraries*, vol. 71, no. 1, January 1980, p. 30-36.

Little, William S. et al. Data processing and analysis in oceanographic research. *Sea technology*, vol. 21, no. 2, February 1980, p. 10-17.

Madsen, J.H., Jr. and Miller, W.E. The fossil vertebrates of Utah, an annotated bibliography. *Brigham Young University geology studies*, vol. 26, pt. 4, December 1979, 141 p.

WALCOTT, ROSALIND. Librarians study buying in San Diego. *Geotimes*, vol. 25, no. 3, March 1980, p. 20-21.

Wise, Donald A. An assessment of map collections in the Philippines. *Special Libraries Association. Geography and Map Division. Bulletin no. 119*, March 1980, p. 33-38.

## New Publications

(GIS members in caps)

Andrews, M. and J.T. Andrews. *Baffin Island Quaternary environments: an annotated bibliography*. 1980. 123 p. \$5.50 plus \$1.00 for post and packing. (Colorado. University. Institute of Arctic and Alpine Research. Occasional paper no. 33. Available from Institute of Arctic and Alpine Research, University of Colorado, Boulder 80309. Make check payable to the University of Colorado.

Consists of 460 references to the Baffin Island, N.W.T., Canada, area. Citations are arranged within thirteen subject categories and indexed by author.

Edwards, M.D. Program objectives for the National Water Data Exchange (NAWDEX) for fiscal year 1980. 9 p. (U.S. Geological Survey. Open-file report 80-11). Microfiche \$3.50; paper copy \$1.00. Available from Open-File Services Section, Branch of Distribution, U.S. Geological Survey, Box 25425, Federal Center, Denver, Colorado 80225.

*Gold and silver prospecting books in print*. Compiled by MARY B. ANSARI. 1980. Approx. 20 p. \$3.75 (\$3.50 for 25 or more). Price includes sales tax and shipping costs. All orders must be prepaid, payable to Special Libraries Association. Available from Special Libraries Association, Sierra Nevada Chapter, c/o Wayne Waller, 533 40th Street, Sacramento, Calif. 95819.

"This annotated bibliography contains nearly 200 items including books, pamphlets, maps, and both U.S. and state documents. All items have been recently verified with their publisher to provide accurate bibliographic data, including the current price. Some of the items listed are free and many are inexpensive."

*Handbooks and tables in science and technology*. Ed. by Russell H. Powell. Oryx Press, 2214 North Central Avenue at Encanto, Phoenix, Arizona 85004. 1980. Clothbound. \$27.50. (ISBN 0-912700-27-0).

"A selectively annotated bibliography with over 2,000 scientific and technical handbooks arranged alphabetically by title and indexed by subject and author." Mr. Powell heads the Engineering Library at the University of Kentucky.

*Journal of analytical and applied pyrolysis*. Quarterly. Vol. 1, 1979. Subscription: U.S. \$70.75; Dfl. 145. Amsterdam, Elsevier. Scientific Publishing Co.

"Includes fields of geochemistry, environmental analysis, and energy production."

## New Members

American Geophysical Union  
2000 Florida Avenue  
Washington, D.C. 20009  
Attn: Ceil Tischler

Depco, Inc.  
1000 Petroleum Building  
110 16th Street  
Denver, Colorado 80202  
Attn: Patricia N. Butera

Nancy Woodside Howard  
Group Leader, Geology/Geophysics Data Management  
Lawrence Livermore Laboratory  
P.O. Box 808  
Livermore, California 94550

Eloise Martinez  
Supervisor, Library Information Center  
Amoco International Oil Company  
16825 Northchase Drive  
Houston, Texas 77060

## Position Open

PHYSICAL SCIENCES LIBRARIAN. Search re-opened for Head of a physical sciences group of branch libraries, including Astronomy/Mathematics/Statistics and Computer Sciences; Chemistry; Earth Sciences; Engineering; and Physics. Responsible for coordinating budgeting, staffing, collection development, circulation and references services for these libraries, each of which is headed by a librarian. Total staffing approximately 16 FTE with an annual book/serial budget in excess of \$300,000. Under the general direction of the Associate University Librarian for Public Service, the incumbent will be expected to evaluate existing and develop new programs such as library instruction and computerized literature searching. Requires MLS degree, extensive experience in a science library and demonstrated successful managerial style with an appreciation and understanding of group processes and decision making and demonstrated ability in personnel management and budgeting. Full job description will be mailed on request. Salary in the \$18,000 to \$26,000 plus range depending on qualifications.

Send résumé including names of three professional references by 31 May 1980 to:

William E. Wenz, Personnel Officer  
Room 447 General Library  
University of California  
Berkeley, California 94720

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## 1980 GIS Officers

**PRESIDENT:** Rosalind Walcott, Earth and Space Sciences Library, State University of New York at Stony Brook, Stony Brook, New York 11794 (516/246-3616)

**PAST PRESIDENT:** Julie H. Bichteler, Graduate School of Library Science, The University of Texas at Austin, Box 7576, University Station, Austin, Texas 78712 (512/471-3821)

**VICE-PRESIDENT and PRESIDENT-ELECT:** Nancy J. Pruett, UCLA Geology-Geophysics Library, 405 Hilgard Avenue, Los Angeles, California 90024 (213/825-1055)

**SECRETARY:** Caryl L. Shields, U. S. Geological Survey Library, Mail stop 914, Denver Federal Center, Box 25046, Denver, Colorado 80225 (FTS: 234-4133; commercial: 303/234-4133). *Please send mail to home address: 510 22nd Street, Boulder, Colorado 80302.*

**TREASURER:** Marie Dvorzak, Winchell Library of Geology, 204 Pillsbury Hall, 310 Pillsbury Drive, S.E., University of Minnesota, Minneapolis 55455 (612/373-4052)

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.

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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