

# GIS newsletter

Published bi-monthly by the Geoscience Information Society  
Number 66 ISSN 0046-5801 October 1980

## Program For GIS Annual Meeting November 16-20, 1980, Atlanta

### Sunday, November 16, 1980

1300-1600 Atlanta Marriott (Lee Room)  
1979 Executive Board Meeting

### Monday, November 17, 1980

0900-1200 Atlanta Marriott (Tara 3 Room)  
Annual Business Meeting

1200-1400 Atlanta Marriott  
Annual Luncheon

1400-1600 Atlanta Marriott  
1980 Executive Board Meeting

1830-2030 Atlanta Marriott  
Cocktail Party (cash bar)

### Tuesday, November 18, 1980

0830-1200 Georgia World Congress Center.  
GIS Symposium: *Keeping Current with Geoscience  
Information*

1330-1630 Georgia World Congress Center  
Contributed Papers Session

\* 11:30-17:30 Discussion on maps  
Wednesday, November 19, 1980

0800-1200 Atlanta Marriott  
GeoRef Workshop

1330-1700  
Field Trip to Georgia Tech Library (via public  
transportation)

## GeoRef Schedules Workshop In Atlanta

You will have a chance to learn how to search GeoRef more effectively at the GIS-sponsored workshop, Wednesday morning, November 19, 8:00-12:00, at the Atlanta Marriott. John Mulvihill, Director of GeoRef Information System, will first describe the history, development, and special features of the data base. Ghassan Rassam, GeoRef chief editor, will then demonstrate searching each data element and will do sample searches on request.

Although the workshop is free and there is no registration, if you plan to attend, please return the enclosed form (to help with pre-conference planning) to: Julie Jackson, American Geological Institute, One Skyline Place, 5205 Leesburg Pike, Falls Church, Virginia 22041.

## \* Maps And The Geoscience Library

An informal discussion group will meet during the Atlanta GSA meeting, Tuesday, November 18, 1980, 4:30-5:30, at a location to be announced after the Contributed Papers Session.

One unsolved, ongoing problem that concerns geoscience librarians is that of maps. Geology is one of the few areas of science that can't live without maps and yet we find it hard to live with maps. While the map librarian devotes a whole lifetime and an extensive literature to the subject of maps, for geoscience librarians it is only one of a number of concerns. The purpose of this meeting is to discuss among ourselves what we are presently doing with maps, how things are working out, what we might like to try and what our limitations are. I think it will be productive both to review common problems such as organization, access, circulation, funding, etc., and to discuss new possibilities such as online cataloging. I hope we will be able to share ideas that have worked and focus in on areas of possible research. We could also consider which ideas we would like future speakers at GIS to address.

Susan Klimley  
Library  
Lamont-Doherty Geological Observatory  
Palisades, New York 10964

## GIS Committee Completes Extensive Membership Drive

The newly formed GIS Membership Committee (John Crissinger, Jean Eaglesfield, Chair, and Mary Scott) completed in September a mailing drive soliciting more membership applications to the Society. Certain target groups—librarians, geological societies and surveys, and companies—were the objects of the drive. During the winter and spring of 1980, committee members drew up lists of such individuals, associations and companies. In late winter, *Geotimes* ran a letter from the GIS Secretary announcing the drive. In late summer a mailing was done. It included a letter explaining the Society and benefits of membership, a membership application form and the GIS fact sheet. About 500 letters were sent to approximately 150 individuals, 250 geological societies and associations, 66 library schools, and 100 companies.

Membership in GIS has increased as a result of the drive. The Committee anticipates that membership mailings could continue next year.

## Agenda For 1980 GIS Business Meeting

Program Chairperson's report, Nancy Pruett  
Treasurer's report, Marie Dvorzak  
Secretary's report, Caryl Shields

### Committee reports

Nominations, Julie Bichteler  
Membership, Jean Eaglesfield  
Guidebooks, Bea Lukens  
Open-file reports, Claren Kidd  
Syllabus, Susan Klimley  
Exhibits, Dedy Ward  
Theses, Vivian Hall  
Publications, Marjorie Wheeler

### Liaison

Second International Conference, Dick Walker  
ASIS, Arleen Somerville  
SLA, John Crissinger  
AGI Governing Board, Julie Bichteler  
GeoRef Advisory Board, Dedy Ward or Arleen Somerville  
CUAC, Nancy Pruett  
ASIS President's Forum, Nancy Pruett

Report on *Newsletter, Membership directory and Directory of geoscience libraries*, Regina Brown

Proposed dues increase  
Proposal for two-year terms for GIS Secretary and Treasurer  
Discussion of duties of GIS Secretary  
Proposal for *GIS bulletin*

## Michigan Basin G. S. Guidebook Now Available

Michigan Basin Geological Society's 1980 annual field conference guidebook *Ordovician and Silurian geology of the northern peninsula of Michigan* is now available.

The guidebook, edited by Dr. Robert B. Votaw of Indiana University's Northwest Campus in Gary, Indiana, includes a 13-page descriptive, illustrated road log covering the field conference of October 4-5, 1980. It also contains three papers: "Middle and Upper Ordovician Conodonts from the Upper Peninsula, Michigan," by Robert B. Votaw; "Ordovician Exposures in the Central Part of the Upper Peninsula of Michigan," by Robert B. Votaw; and "Paleozoic Stratigraphic Studies on the Michigan Basin's Northern Rim," by Bruce A. Liberty. Copies of the spiral-bound guidebook are available for \$4.00 each, plus \$1.00 postage and handling per order, from:

Michigan Basin Geological Society  
c/o Geological Survey Division  
Michigan Dept. of Natural Resources  
Box 30028  
Lansing, Michigan 48909  
Attn: Richard E. Kimmel, MBGS Librarian

Please make checks and money orders payable to the *Michigan Basin Geological Society* in U.S. funds.

## NOAA Publishes Atlas Of North Atlantic

*NOAA Atlas 3: The Central North Atlantic Ocean basin and continental margins: geology, geophysics, geochemistry, and resources, including the Trans-Atlantic Geotraverse (TAG)*, by Peter A. Rona, "provides a comprehensive overview of the geology, geophysics, geochemistry, and mineral and energy resources of the Central North Atlantic Ocean basin and continental margins from latitude 10° North to 50° North. The *Atlas* contains maps, cross sections, profiles, photographs, tables, and references compiled from published and unpublished sources. It features a unique, previously unpublished set of geotraverses comprising bathymetric, magnetic and gravity profiles extending across the entire Central North Atlantic Ocean from the continental margin of eastern North America to that of northwestern Africa, collected by the Trans-Atlantic Geotraverse (TAG) Project of the National Oceanic and Atmospheric Administration. A unique work covering the most extensively utilized region of the world ocean, the *Atlas* is designed to fulfill the need for a multipurpose information base for scientific investigation, resource exploration, marine environmental management, seafloor engineering, oceanographic education, and general interest." Among the contents of the 102-paged, 19 x 30 in., soft-bound (spiral) publication: 22 maps on Mercator projection at scale 13,228,000 at latitude 30°N; Trans-Atlantic Ocean bottom photographic traverse; two Trans-Atlantic crustal sections; Trans-Atlantic single- and multi-channel seismic reflection profiles; 12 original Trans-Atlantic geotraverses (bathymetry, gravity, magnetics); three tables of crustal properties; "Sources of Information," for maps, photos, Trans-Atlantic geotraverses, seismic sections and profiles; and "Publications of the Trans-Atlantic Geotraverse (TAG) Project."

It was published in February 1980, by the U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, and is for sale from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, stock number S/N 003-017-00475-9, \$17.00 per copy (\$21.25 for foreign orders).

## GIS Members In The News

JAMES A. COOMBS has been appointed Map Librarian, University Library, Southwest Missouri State University, Springfield.

SUSAN J. THOMPSON is now the Science Librarian, Indiana State University, Terre Haute.

AGI's Governing Board approved the proposal for the AGI Medal in Memory of Ian Campbell at its June meeting in Denver. This called for the selection of seven members to comprise the Medal Committee. The Executive Committee is to select from nominations made by the Presidents of the member societies. MARJORIE WHEELER was nominated to represent GIS.

## GeoRef To Be Online On Lockheed DIALOG

GeoRef Information System and Lockheed Missiles and Space Company have announced that by the end of the year GeoRef can be searched on Lockheed's DIALOG. Lockheed now carries 112 data bases that range from specialized scientific/technical files to general files such as newspaper and magazine indexes. GeoRef, the comprehensive geoscience data base, has been searchable online with SDC's ORBIT since 1974. SDC and Lockheed are both major data base vendors and GeoRef users throughout the world will have access to the data base on ORBIT and DIALOG. The GeoRef file contains more than 616,000 bibliographic citations dating from 1961 to present. Approximately 4,500 new references are added each month. In addition, AGI is in the process of adding 288,000 old references to the file. These additions, partially funded by a grant from the U.S. Geological Survey, will extend GeoRef's North American coverage back to 1785, and its world-wide coverage back to 1933.

GeoRef users in the continental United States, outside of Virginia, can now call the GeoRef Action Desk at the American Geological Institute's headquarters in Falls Church, by dialing (800) 336-4764. Experienced geologist/researchers will be ready to help callers plan effective searches and to answer their questions about the data base.

The addition of a toll-free number is GeoRef's latest step toward helping users make the most of their search time. GeoRef editors also give search demonstrations at professional meetings throughout the year, and conduct intensive, one-day, user workshops on request.

A workshop is scheduled whenever a host organization, such as a users group or library, can guarantee 10 paid registrants. The host organization is entitled to send two additional registrants free. The \$50 registration fee includes a packet of materials, the GeoRef Workshop Training Manual, the SDC User Manual, and lunch. Enrollment is limited to 20 to allow each registrant plenty of hands-on terminal practice.

A GeoRef editor will demonstrate online searching October 13-15 at the Gulf Coast Association of Geological Societies in Lafayette, Louisiana, and will hold workshops October 16 at the University of New Orleans and October 17 at the University of Texas at Dallas. Online searching demonstrations and a workshop will be given November 17-20 at the Geological Society of America's annual meeting in Atlanta. Plans are being made to hold a series of workshops in Europe early in 1981.

## U.S. Bureau of Mines Issues Circular On MILS

The U.S. Bureau of Mines recently issued *Information circular IC 8815: MILS: the Mineral Industry Location System of the Federal Bureau of Mines*, by Andrew W. Berg and Fred V. Carillo.

"MILS, a part of the Bureau of Mines' Minerals Availability System, a comprehensive data base of known mineral deposits, contains information on

more than 135,000 mineral locations and processing plants in the United States. The data includes the name, location, mineral commodity, type of operation, bibliography, and cross-references for each property of prospect. Computer-drawn map overlays at various scales showing clustered MILS locations and computer printouts keyed to those overlays are available for inspection and reproduction at the Bureau's Field Operations Centers at Juneau, Denver, Pittsburgh, and Spokane." The 24-paged publication is available for \$2.25 from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. The GPO stock number is 024-004-01962-0.

## Letter To The Editor

(Editor's note: The following was written in response to Fran Waranius' letter of concern about the new AACR2 rules.)

Dear Fran:

I read with interest your letter to the editor in the June/August issue of *GIS newsletter*. I fully appreciate the necessity for improving the tools that allow researchers to retrieve easily the information they require. However, inflexible rules that do not take into consideration the producers and users of information will surely lead to chaos rather than to an improved information system.

Through groups like GIS I have become aware of the problems to the library community when a periodical changes its name. Can you imagine the frustration that I am currently feeling when I learn that an entry into OCLC that has been picked up by other data bases has arbitrarily changed the name of the *Journal of geophysical research*. I have just begun to fight through the red tape that seems to surround this issue and my concern increases with every step. Such experiences cannot improve the climate for cooperation among the sectors of the information community.

Sincerely,  
Judy C. Holoviak  
Director of Publications,  
American Geophysical Union

## New Publications

Balachandran, Sarojini. *Energy statistics, a guide to information sources*. Detroit, Gale Research Co., 1980. 272 p. \$28.00. (*Natural world information guide series*, vol. 1.) LC 80-013338; ISBN 0-8103-1419-3.

Currens, James C. and McGrain, Preston. *Bibliography of karst geology in Kentucky*. 1980. 59 p. \$4.00 plus 75 cents mailing charge. (*Kentucky Geological Survey. Special publication 1*). Kentucky Geological Survey, 311 Breckinridge Hall, University of Kentucky, Lexington 40506.

Cites more than 600 articles, maps, and reports and includes geographic and subject indexes.

*Geosaurus; Geosystems' thesaurus of geoscience.*  
Edited by Rosalind Charles. 3d ed. 1979. 182 p. \$50.00. (LC 79-381090; ISBN 0-901-80603-X). Available from:  
Geosystems, P.O. Box 1024, Westminster, London SW 1, England.

*Hazard monthly.* Vol. 1, no. 1, May 1980. Research Alternatives, P.O. Box 34408, Bethesda, Md. 20034. Subscription: \$16.00, individuals; \$35.00, institutions (includes microfiche of entire volume at end of year). Add \$1.00 if order is to be billed.

The publication "provides information on hazards created by manmade technology and natural phenomena. It is intended to be a forum for the exchange of information among groups and individuals who act to avoid, respond, and recover from hazardous conditions and events. The first issue contains articles on hazard alert, the new Federal Emergency Management Agency, self-help civil defense, toxic waste management, and volcano prediction."

✓ *Herner, Saul. A brief guide to sources of scientific and technical information.* 2d ed. Arlington, Va., Information Resources Press, 1980. 148 p. \$17.00.

✓ *Molybdenum resources guidebook.* 1980. \$89.00. (postpaid by insured mail in U.S.) LC 79-90717. Available from Minobras, P.O. Box 262, Dana Point, California 92629.

"A worldwide overview and compendium reference—includes new discoveries, historical overview, production and reserves, mineralogy, geochemistry, rhenium, types of deposits, porphyry models."

## Literature Citations

GIS members in caps)

Bibliography of theses and dissertations on Utah, by all institutions, 1968-1979. Prepared by Rocky Mountain Association of Geologists Titles Committee, (Michael W. Hansen, Chairperson); Bibliographic Subcommittee (CHERYL L. KIRK, Chairperson); Map Subcommittee (Joseph R. Lukas, Chairperson). *The mountain geologist*, vol. 17, no. 3, July 1980, p. 71-87.

*Cruse, Larry. Collecting microcartography: sources and prospects. Special Libraries Association. Geography and Map Division. Bulletin* no. 120, June 1980, p. 2-26.

*Cruse, Larry. Microcartography. Western Association of Map Libraries. Information bulletin*, vol. 11, no. 3, June 1980, p. 198-202.

EIC—meeting the demand for environmental information. *The information manager*, vol. 2, no. 2, Summer 1980, p. 24-28.

Fleming, Myrna. Cataloging of cartographic materials. *Western Association of Map Libraries. Information bulletin*, vol. 11, no. 3, June 1980, p. 176-181.

Hills, L.V. Postgraduate theses in geology, Canadian universities-1970-1978 inclusive. *Bulletin of Canadian petroleum geology*, vol. 27, no. 4, December 1979, p. 467-524.

Jennings, Charles W. Geologic mapping programs, California Division of Mines and Geology. *California geology*, vol. 33, no. 6, June 1980, p. 123-127.

Milazzo, Valerie A. A review and evaluation of alternatives for updating U.S. Geological Survey land use and land cover maps. *U.S. Geological Survey. Circular* no. 826, 19 p.

Rautio, Sandra A. and Sonderegger, John L. Annotated bibliography of the geothermal resources of Montana. *Montana. Bureau of Mines and Geology. Bulletin* 110, 1980, 25 p.

## New Members

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**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: 1450 Ithaca Drive, Boulder, Colorado 80303.*

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The *GIS newsletter* is published bi-monthly on the first of 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, by the first of the month, one month prior to publication.

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