

# GIS newsletter

Published bi-monthly by the Geoscience Information Society  
Number 74 ISSN 0046-5801 February 1982

## Call For Papers GIS Annual Meeting New Orleans, 1982

The Geoscience Information Society plans to hold a half-day symposium and a half-day contributed papers session at the Geological Society of America's Annual Meeting in New Orleans October 18-21, 1982. The symposium is entitled "Geologic Hazards Data," a topic which we feel is timely and of interest to a number of conference attendees. The symposium will consist of five thirty-minute presentations by individuals actively involved in the collection, storage and retrieval of geologic hazards data. They have been invited to discuss bibliographic and numerical data files, maps, and other sources of information.

### Contributed Papers Session

GIS members and other interested individuals are encouraged to participate in this important part of the Annual Meeting. Papers should be 15 minutes in length and may concern any topic relevant to the field of geoscience information: current research projects, design and/or use of data bases, publishing, indexing, collection development, special collections, bibliographic instruction, user surveys, etc.

Abstracts for the papers should not exceed 250 words in length. They must be received at GSA, Boulder, by Friday, May 21. Abstract forms may be obtained from the Program Chairperson, Regina Brown, Orton Memorial Library of Geology, The Ohio State University, Columbus 43210 (telephone: 614/422-2428) or Geological Society of America Headquarters, P.O. Box 9140, Boulder, CO 80301.

Information about other events planned for the Annual Meeting will appear in later issues of the *GIS newsletter*.

## Map Program Speakers For Conference Confirmed

Speakers for the symposium "Maps, Mapping and Management" to be held on Tuesday, May 25th, at the Second International Conference on Geological Information, Golden, CO, have been confirmed:

James Coombs, Map Librarian, Southwest Missouri State University—*Online retrieval of geoscience maps*.

Robert Markham, Coordinator of Micrographics and Archives, James A. Michener Library, University of Northern Colorado—*Issues in microforms*.

A. Keith Turner, Professor of Geology, Colorado School of Mines—*Current status and the future of digital mapping*.

Susan Klimley, Geological Sciences Librarian, Lamont-Doherty Geological Observatory of Columbia University, Palisades, NY, will chair the session.

Further information about the May 23-27 conference may be obtained by contacting Dederick C. Ward, Geology Librarian, University of Illinois at Urbana-Champaign, 223 Natural History Bldg., Urbana 61801, telephone: 217/333-1266.

## Historical Directory Of Surveys Still Available From NDGS

*Historical directory of state geological surveys*, published by the Association of American State Geologists in 1972, is still available. The 33-page publication was written by George F. Hanson, historian, AASG. A useful feature is the tracing of changes in the names of the surveys. Copies are available free of charge from the North Dakota Geological Survey, Publications Dept., University Station, Grand Forks 57202.

## Geological Survey Of Israel Publishes Bathymetric Maps

The Geological Survey of Israel has published the following bathymetric maps:

*Gulf of Elat*. 1978. colored. 1:250,000.

*Dead Sea*. 1978. colored. 1:100,000.

*Southeastern Mediterranean*. 1980. colored. 1:625,000. (includes the coasts of Southern Lebanon, Israel and Egypt)

*Northeastern Mediterranean*. 1981. colored. 1:625,000. (includes the coasts of Southern Turkey, Syria, Northern Lebanon and Cyprus)

The maps are priced at \$5.00 (including surface mail) or \$8.00 (air mail). They may be ordered from: The Library, Geological Survey of Israel, 30, Malkhe-Israel Street, Jerusalem 95 501, Israel.

## INQUA Working Group Issues Loess Letter

*Loess letter* is an informal newsletter of the Western Pacific Working Group of the INQUA Loess Commission. It is issued several times a year and is published by DSIR, Soil Bureau, on behalf of WPWG. Those who wish to be placed on the circulation list for the free publication may contact Ian Smalley, Soil Bureau, DSIR, Lower Hutt, New Zealand.

## Appalachian Gold Sites Detailed In Topo Maps

There's gold in them thar hills and Charles Overbey wants to help you find it. Overbey, an engineer and retired NASA executive, has researched geological records and has authored a series of detailed maps showing 1,000 sites where gold has been found in the Appalachian states, from Georgia to northwest of Washington, D.C. The large-scale maps give gold history and facts and are done on U.S.G.S. topographic bases in three colors on both sides of the sheet. Maps showing 300 gold sites in North Carolina, 200 sites in Virginia and 500 sites in Georgia are now available. The maps cost \$6.00 per state and can be obtained by sending a check to Big Ten, Inc., P.O. Box 1231, Cocoa Beach, Florida 32931.

## Color Videopetrography Available In Cassettes

*Color videopetrography*, by Frederick Nagle, Dept. of Geology, University of Miami, Coral Gables, consists of thin section mineralogy and petrology videocassettes designed for undergraduate and graduate instruction in optical mineralogy and petrology. They are available in two packages of three programs and six programs, each 11 to 25 minutes in length. Package 1, *Minerals in thin section*, may be purchased for \$95.00; package 2, *Rocks in thin section*, \$195.00. Further information may be obtained from Division of Communication Services, University of Miami, P.O. Box 248021, Coral Gables, FL 33124.

## News Items

A number of GIS members have been appointed to AGI advisory committees. The 1982 Publications Advisory Committee has APHRODITE MAMOULIDES as one of its members. BARBARA MACDONALD, DONALD B. MCINTYRE, and CLARENCE STURDIVANT have been named to the GeoRef Advisory Committee.

JOHN MULVIHILL, Director, GeoRef Information Systems, reports that 64,735 references were added to GeoRef in 1981. This is a 16% increase in production over 1980.

GeoRef is no longer including in its data base abstracts of papers presented at meetings of the Geological Society of America, American Association of Petroleum Geologists, and American Geophysical Union. It still cites those of local science academies. The volume of papers is such that it is a time-consuming operation and there is often repetition of the same abstract in various publications. Ghassan Rassam, Chief Editor, GeoRef, would like to hear from those who feel strongly that these abstracts should appear in GeoRef. Write to him c/o American Geological Institute, 5205 Leesburg Pike, Falls Church, VA 22041. He asks that all correspondents justify their preference for specific abstracts. (*Editor's note:* The omission of abstracts was brought to our attention by Peg Marshburn, Geology Librarian, Standard Oil Company of California, San Francisco.)

## Literature Citations

(GIS members in caps)

Combined bibliographies of Oklahoma geology. Vol. 1, 1955-70; vol. 2, 1971-79. Compiled by Elizabeth A. Ham and Christine D. Gay. *Oklahoma. Geological Survey. Special publication* 81-5, 1981.

Crotts, Joe. Geologic map index to USGS 7.5' and 15' quadrangles of California, 1883-1980. Parts H-O, P-Z. *Washington Association of Map Libraries. Information bulletin*, vol. 13, no. 1, November 1981, p. 74-100; vol. 13, no. 2, March 1982, p. 221-250. (The previous article, covering quadrangles A-G, appeared in vol. 12, no. 3, June 1981, p. 238-264 of the *Bulletin*.)

Geologic literature research aids (relevant to California). Compiled by Thomas E. Spittler. *California geology*, vol. 34, no. 12, December 1981, p. 267-268.

LaVoie, Joseph R. and McGarvin, Thomas G. Index to road logs in Arizona, 1950-1980. *Arizona. Bureau of Geology and Mineral Technology. Circular* 22, 1981, 14 p.

Reynolds, Stephen J. The geological exploration of Arizona, an historical perspective of the state geologic map. *Arizona. Bureau of Geology and Mineral Technology. Fieldnotes*, vol. 11, no. 3, September 1981, p. 1-8.

SCOTT, MARY WOODS. Annotated bibliography of the geology of North Dakota, 1960-1979. *North Dakota. Geological Survey. Miscellaneous series* no. 60, 1981, 287 p.

## New Publications

*Bibliography and subject index of South African geology, 1979*. Compiled by J.J. Spies. Pretoria, South Africa Dept. of Mineral and Energy Affairs, Geological Survey, 1981. 82 p. Foreign price: R2.50 post free. (ISBN 0-621-06532-3) Available from: Government Printer, Bosman Street, Private Bag X85, Pretoria, 0001.

*Computer basics for librarians and information scientists*, by Howard Fosdick. Arlington, VA, Information Resources Press, 1981. 203 p. \$17.50. (ISBN 0-87815-034-X)

*Computer-readable data bases: a directory and data sourcebook*. 1982 ed. Edited by Martha E. Williams. 1981. c.1500 p. softcover, \$120.00 (ASIS members, \$96.00). ISBN 9-914236-97-0. Available from: Knowledge Industry Publications, Inc., 701 Westchester Ave., White Plains, NY 10604.

*Coral reefs*, journal of the International Society for Reef Studies. Quarterly. Vol. 1, 1982. Subscription price: DM 128.00 or \$81.00 (includes postage and handling). Information about microform editions is available upon request. Subscriptions must be prepaid. Springer-Verlag New York Inc., Service Center Secaucus, 44 Hartz Way, Secaucus, NJ 07094.

*Tectonics*. Bimonthly. Vol. 1, February 1982. Subscription price: \$68.00, \$71.00 foreign. Orders should be sent to: American Geophysical Union, 2000 Florida Ave., NW, Washington, DC 20009. (The journal is a cooperative publishing venture of AGU and the European Geophysical Society.)

## **New Members**

Agnes Adams  
Librarian, University of Nebraska-Lincoln

William J. Gilliland  
Geologist  
TXO Production Corporation  
200 W. Douglas, Suite 2000

Beatrice Sichel  
Head, Physical Sciences Library  
Western Michigan University  
Kalamazoo, MI 49008  
616/383-4943

Ian James Smalley  
Scientist (Section Leader, Special Projects Section)  
New Zealand Dept. of Scientific and Industrial Research,  
Soil Bureau  
Lower Hutt, New Zealand  
Telephone: 286-224 Wellington

## 1982 GIS Officers

PRESIDENT: Mary W. Scott, Bibliography Department,  
Chester Fritz Library, University of North Dakota,  
Grand Forks, North Dakota 58202 (701/777-4638 or  
777-2617)

PAST PRESIDENT: Nancy J. Pruett, 3144 Technical  
Library, Sandia National Laboratories, Albuquerque, New  
Mexico 87185 (505/844-6430). Home: 1604 California  
Street, N.E., Albuquerque, NM 87110 (505/268-2946).

VICE-PRESIDENT and PRESIDENT-ELECT: Regina  
Brown, Orton Memorial Library of Geology, The Ohio  
State University, 155 South Oval Drive, Columbus, Ohio  
43210 (614/422-2428)

SECRETARY: Nancy L. Crossfield, Geology-Geophysics  
Library, University of Wisconsin-Madison, 430 Weeks  
Hall, Madison, Wisconsin 53706 (608/262-8956)

TREASURER: Beatrice Lukens, Earth Sciences Library,  
University of California, Berkeley, Berkeley, California  
94720 (415/642-2997)

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 \$20.00 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.

Editor: Regina Brown  
Librarian, Orton Memorial Library of Geology  
The Ohio State University  
155 South Oval Drive  
Columbus, Ohio 43210  
614/422-2428