

# GIS newsletter

Published quarterly by the Geoscience Information Society  
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## Schedule of 1976 GSA Section Meetings

### SOUTH-CENTRAL SECTION

February 26-27, Houston, Texas

### NORTHEASTERN SECTION

March 25-27, Arlington, Virginia

### SOUTHEASTERN SECTION

March 25-27, Arlington, Virginia

### CORDILLERAN SECTION

April 5-7, Pullman, Washington

### NORTH-CENTRAL SECTION

April 28-May 1, Kalamazoo, Michigan

### ROCKY MOUNTAIN SECTION

May 20-21, Albuquerque, New Mexico

## White House Conference On Earth Sciences

By Hartley Phinney

U.S. Geological Survey Library, Reston, Va.

Approximately 70 members from the various societies comprising the American Geological Institute met at the White House on July 21, 1975, to point out the need for research and planning in our nation's use of natural resources. Many of the speakers stated that dwindling federal support was blocking basic research and development of substitutes.

Support was given to the U.S. Geological Survey's reduced estimates of recoverable oil and gas resources in the United States as published in *USGS Circular 725*. Dr. Skelton discussed the good news and bad news of geophysical exploration and others urged greater economic incentives for oil exploration. Dr. H.S. Yoder, Jr., Director of the Carnegie Institution of Washington's Geophysical Laboratory, stated that geochemists still do not understand the fundamental principles that bring various metals together to form ore deposits. Dr. R.H. Jahns, Dean of Stanford University's School of Earth Sciences, and Dr. C.R. Allen, Director of the Seismological Laboratory at Cal Tech, pointed out that weak federal support for education was threatening the supply of talent for the natural resources fields. Several speakers mentioned that pending shortages of various minerals will cause even greater problems to the American economy if steps are not taken soon to plan for these shortages.

Texts of the papers presented at the conference are available from Fred S. Honkala, Executive Director, American Geological Institute, 5205 Leesburg Pike, Falls Church, Virginia 22041.

(Editor's note: Mr. Phinney represented GIS at the Conference.)

## GIS Committee To Investigate Feasibility Of IUGS Study

One of the topics for discussion at GIS' annual business meeting in Salt Lake City was presented by Joel Lloyd, Executive Secretary of the Committee on International Scientific and Technical Information Programs (CISTIP) of the National Academy of Sciences. Mr. Lloyd asked if GIS would be interested in undertaking a survey to assess the impact or lack of impact publications of the Commission on International Relations of the National Academy of Sciences and the U.S. National Committee of the International Council of Scientific Unions have on U.S. scientists. These scientific organizations are interested in knowing if their publications are reaching the proper communities, and if not, how their flow can be improved.

In order to carry out the inquiry, USNC/ICSU has asked the NAS Committee on International Relations for guidance and assistance. "It has been proposed that a model study be made for one union and its publications in order to establish a methodology that can be re-patterned and refined for application to all of the unions, to IUGS itself, and to its inter-union activities. The International Union of Geological Sciences (IUGS) was selected as the subject model for the following reasons: that its publications, including the *Proceedings* of the International Geological Congress (IGC), are few enough to be manageable; that its publications include non-verbal material such as maps, etc.; that the IUGS maintains an active Documentation Committee and an Advisory Board for Publication; . . . that there is in the United States a Geoscience Information Society (that is unique within the scientific disciplines) that might be interested in and willing to cooperate with CISTIP in the study."

In the discussion that followed Mr. Lloyd's presentation, GIS members decided to form a committee to investigate the feasibility of such a study. Committee members are: Co-chairmen: Julie H. Bichteler and Dederick C. Ward; Elizabeth C. Behrent, Rosalind Walcott, and Richard D. Walker.

Beginning with the February 1976 issue, the *GIS Newsletter* will again be published on a bi-monthly basis. The subscription cost has been raised to \$12.00 to meet rising publication and mailing costs.

## GIS Members Elect New Officers For 1976

In September 1975 Geoscience Information Society members elected new officers for 1976. The results of the election:

**PRESIDENT:** Vivian S. Hall, Geology Librarian,  
University of Kentucky, Lexington

**VICE-PRESIDENT and PRESIDENT-ELECT:**  
John Mulvihill, Manager, GeoRef, American  
Geological Institute, Washington, D.C.

**SECRETARY:** Mary W. Scott, Geology Librarian,  
University of North Dakota, Grand Forks

**TREASURER:** Katherine L. Keener, Librarian,  
Naval Environmental Protection Support Office,  
Naval Construction Battalion Center, Port Hueneme,  
Calif.

## Geoscience Information Society Annual Business Meeting

October 20, 1975, Salt Lake City, Utah.  
Twenty-eight members present. (First draft of  
minutes.)

Meeting called to order by Jack Morrison. The  
Secretary's and Treasurer's reports were given.

### OLD BUSINESS

Committee Reports:

**Guidebook Committee:** Harriet Smith, Chairperson,  
reported that all the libraries in the *Directory of  
geoscience libraries* are being contacted for the revision  
of the union list of guidebook holdings (*Geologic field  
trip guidebooks of North America*). So far 31 sets of  
cards listing holdings have been received. Each  
committee member is organizing the material that he  
receives. All the material will be forwarded to Harriet  
after June 30, 1976, and she will do the final collating  
and editing.

**Directory of Geoscience Libraries Committee:** No report;  
too early for many changes or corrections.

**Newsletter:** Reggie Brown, editor, reported that she has  
appreciated members' input to the *Newsletter*.

**By-Laws and Constitution Review and Revision  
Committee:** Lee Swift, Chairperson, reported that the  
committee is working on changes in the Constitution  
and By-laws. A copy of the present Constitution and  
By-laws will be published in the next *Newsletter*.  
Members should send suggestions for changes and  
additions to Lee (address: Customer Service Dept.,  
The Geological Society of America, 3300 Penrose Place,  
Boulder, Colo. 80301).

**Nominating Committee:** Lee Swift, Chairperson; the  
ballot was its report.

**Thesis Committee:** Dederick Ward, Chairperson. The  
project of collecting the titles of masters and Ph.D.  
theses has been turned over to the AGI for GeoRef. It  
was reported that some libraries have been contacted for  
their 1974 titles but apparently not everyone received the  
letter requesting input. Dedy will contact the AGI to see

what happened. The theses are included in the GSA's  
*Bibliography and index of geology*. It was decided not to  
publish a separate listing of the theses.

**Tutorial Workshop:** This idea was presented at the 1974  
annual meeting but never got off the ground. The idea is  
to set up a workshop program to help people with geo-  
science literature, the use of it, new tools in the field,  
and to help new people in the geosciences. This could  
be continuing education for librarians, introductory for  
new librarians, a help for faculty or students. It could be  
presented regionally in connection with regional GSA  
meetings or as a workshop session at a national  
meeting. A planning committee is needed to investigate  
this idea. (During the new business portion of the  
meeting Marge Wheeler (Science-Technology Librarian,  
Lamar Univ., Box 10021, Beaumont, Texas 77710) was  
appointed chairperson of a committee to investigate this  
idea.)

**Report on Earth Scientists' Meeting at the White House:**  
Hart Phinney (USGS, Reston) represented the GIS at a  
meeting of earth scientists at the White House. Barb  
Chappell read his report. The meeting was held to  
express concern over energy shortages. The full report is  
to be placed in the *Newsletter*.

**GeoRef Advisory Board:** Professor Dick Walker (Univ. of  
Wisconsin) has been officially appointed by AGI to serve  
on the advisory board to GeoRef but has heard no more  
about the board or what it is to do.

### NEW BUSINESS

**Action of the Executive Board:**

1. The *Newsletter* will return to a bi-monthly publication.
2. Annual membership dues are to be increased to  
\$12.00.

The members present at the annual business meeting  
voted to endorse the action of the Executive Board to  
increase the dues.

**Proposal from the National Academy of Sciences:** Joel  
Lloyd of the Commission on International Relations of  
the National Academy of Sciences talked about a project  
in which he would like to see GIS involved. The project is  
to evaluate the impact of the International Council of  
Scientific Unions and the various unions and their  
affiliated associations on the American scientist. They  
are concerned about whether the publications and  
information are reaching the U.S. scientist.

Joel has suggested that they start the evaluation with the  
International Union of Geological Sciences and then use  
this evaluation as a model for the other unions. The  
questions answered are:

1. Are the publications of the IUGS and affiliated  
associations reaching U.S. scientists?
2. Are these available in libraries in the U.S.?
3. If they are in the libraries, are the geoscientists using  
these libraries aware of the publications and are they  
using them?
4. What impact do these publications have on the  
scientists?
5. How do the publications stack up against other  
publications in the geosciences?

It was decided at the meeting that the Executive Board of the GIS would appoint a committee to investigate the feasibility of the Society's cooperating with the NAS in undertaking this project. The committee is to report back to the Executive Board and the Society by the end of January 1976. The report will be published in the *Newsletter* when it becomes available.

Next year's technical session was discussed. John Mulvihill is in charge of the planning. Suggestions should be submitted to him.

## GIS Comes of Age

By Harriet W. Smith  
Geology Librarian, University of  
Illinois at Urbana-Champaign

On October 20 and 21, 1975, GIS held its 10th annual meeting, and what a contrast it was to the meeting in Kansas City in November 1965! That first meeting was held primarily for the purpose of organizing the group, deciding on the purpose of the group, preparing the Constitution, and electing the first slate of officers. GSA had been generous in arranging a room for our meeting. There was a short program of invited speakers who had performed studies on the characteristics of geological literature and the use of bibliographies. The principal speaker was Dr. Herbert E. Hawkes.

At the business meeting how we agonized over each work of the Constitution, and then late in the evening had to retype it on an old, broken down, rented typewriter in order to have copies the next morning for the final vote. The Xerox machine was not working early in the morning, but as we started the meeting, Margaret Oros of the Kansas Geological Survey saw to it that copies were made during the first part of our meeting and rushed the copies to us just in time for final review and vote.

Throughout this meeting the planners had continuous and expert counsel and guidance from Dr. Louis Cima, NSF, and Dr. Foster D. Smith, then Director of Science Information at AGI. Without their advice and support GIS might have gotten off on the wrong track. The officers of GSA also gave us their support in every step.

In the years in between we've had a number of hard working officers, the quality of our meetings has varied, the membership and attendees have changed, and, although the number of members has not changed greatly, it has remained fairly steady. Many have worked long and hard to keep the Society going. For the programs of many of the meetings, GIS has accepted "cast off" papers from other societies in order to fill its program. There have even been a few who questioned whether GIS should continue.

The meeting just concluded was a formal, well organized and conducted business meeting of a mature Society with a number of projects under way. We were requested by Joel C. Lloyd of the National Academy of Sciences to cooperate in a special project the Academy wished to undertake on the use of scientific literature, because we are the only formally constituted group of information specialists in any of the sciences. Our officers had to

reject papers, because there were too many offered for the GIS program. And still giving his assistance Dr. Cima planned and conducted half of our symposium. It was an outstanding meeting.

We owe a great debt to Ms. Vivian Hall, who attended that first, agonizing meeting, for planning such an outstanding meeting. As we begin our second decade with Ms. Hall as President, we begin a new stage for GIS as a truly accepted part of the Geoscience Community, looked to for guidance in the information sector. GIS has many younger, energetic members to carry it to greater heights. Yes, GIS has come of age, and there is satisfaction in knowing that all of those long hours of concentrated work between June 1964 and November 1965 were not in vain.

## GSA Bulletin To Be Mailed In Protective Envelopes

Lee Swift reports that the January through March 1976 issues of the *GSA Bulletin* will be mailed in manila envelopes to North American subscribers. It is hoped that these protective wrappers will eliminate the *Bulletin's* arriving "dog-eared" and mutilated, as well as ensuring that issues reach subscribers. Ms. Swift wishes to hear from GIS members as to whether or not this temporary measure is effective. Her mailing address is: Customer Service Dept., The Geological Society of America, 3300 Penrose Place, Boulder, Colo. 80301.

## Arizona Geological Survey, Mines Publications Office Move

Arizona's Geological Survey Branch and the publications sales office of the Arizona Bureau of Mines have moved to new quarters. Their new mailing address: Arizona Bureau of Mines, University of Arizona, 845 North Park Avenue, Tucson 85719 (602/884-2733).

## Geotimes Column Lists New Geological Maps

If you are interested in new geological and related maps, there is now a monthly column of just such maps in the journal *Geotimes*. The column is written by Robert A. Bier, Jr. and Janice T. Fitzpatrick, map librarians at the U.S. Geological Survey Library in Reston, Virginia. Each month the column lists about 20 of the more significant or interesting maps that the library has received and which have been published within the last three years. These include maps covering entire states, countries, continents, space or areas of special interest to geologists. These maps come from many sources from all over the world. The subjects covered include geology, soils, vegetation, geophysics, mineral resources, oceanography, water resources and other similar subjects. When available, information on where to get an item and its cost are included. *Geotimes* is published by the American Geological Institute and costs \$9 per year. The address for a subscription is: *Geotimes*, 5205 Leesburg Pike, Falls Church, Virginia 22041.

## SLA/ASIS To Hold Seminar On Information And The Law

"Legal Aspects of Information," a one-day seminar sponsored by the Special Libraries Association and the American Society for Information Science, will be held at the Roosevelt Hotel, New York City, on January 28. The program will include a discussion of the copyright issue from the point of view of librarians, publishers, and the Office of the Register of Copyrights, as well as such topics as "Freedom of Information Act," "Networks and Information Access," and "Legal Problems of Microform." For additional information, contact Ms. Charry Boris, Chairperson, New York Chapter, Special Libraries Association, Life Office Management Association, 100 Park Avenue, New York, N.Y. 10017 (212/725-1300) or Ms. Louise Valuck, New York Chapter, American Society for Information Science, R.R. Bowker, 1180 Avenue of the Americas, New York 10036 (212/764-3387).

## NGSDC Maintains Earthquake Data File

The National Geophysical and Solar-Terrestrial Data Center's Earthquake Data File contains data on earthquakes throughout the world from 1900 through 1974. Historical U.S. earthquakes are included for the period 1638-1899. It contains more than 105,000 locations of earthquakes, known or suspected explosions and associated collapse phenomena, coal bumps, rockbursts, quarry blasts, and other earth disturbances recorded worldwide by seismographs.

Searches of the entire file may be made of the following parameters, singly or in combination: date, origin time, geographic location, depth, magnitude, and intensity. A computer printout of a file search can be provided at \$10 per search. The complete file may be purchased on magnetic tape for \$60 or on 16-mm microfilm for \$20. Current data may be purchased on punched cards on a monthly basis at \$100 per year or at \$50 for 12 months of data (any year) in one shipment. Special seismicity plots of the data file can be furnished upon request.

Inquiries should be addressed to: NGSDC, Code D62, EDS/NOAA, Boulder, Colo. 80302. Phone 303/499-1000, ext. 6472.

## U.S. Bureau of Mines Publications To Be Published On Microfiche

Udata Publications, Inc., of Santa Monica, Calif., has announced the forthcoming publication on microfiche of all the relevant research material published by the U.S. Bureau of Mines between 1910 and 1969. The *U.S. Bureau of Mines Collection 1910-1969* consists of more than 13,000 documents, or close to one half million pages of *Bulletins, Reports of investigations, Technical papers, Annual reports, Information circulars, Mineral yearbooks, Mineral resources*, and other publications. It contains some of the most important material available today on research and development of better methods of

extracting and processing minerals and mineral fuels and provides a basic continuing reference source for underground construction, safety and health, metallurgy, rock mechanics, pressures, temperatures, coal research, statistics on mineral resources and fuels, oil shale conversion technology, recovery operations after mining fires and explosions, and the recovery of low-grade ores—a basis for important research on tomorrow's problems. The recent realignment of priorities due to environmental concerns and fuel and energy shortages will make the *Collection* increasingly more important as new answers and solutions are sought and fundamental research materials become more significant.

Each document will be reproduced with all illustrations, photographs and maps. The entire collection will consist of more than 6,000 4x6 24X NMA-standard microfiche, produced on negative diazo film of heavy quality. The use of a new polyester-based diazo film will eliminate the need for envelopes. Librarians who make use of the Bureau of Mines documents will now find that their hardcopy collections, which currently occupy the equivalent of fourteen four-drawer filing cabinets, can be housed on microfiche in less than one half drawer of a three-foot side file.

The *U.S. Bureau of Mines Collection 1910-1969* is scheduled for publication in 1976. Inquiries may be addressed to Udata, 1508 Harvard Street, Santa Monica, Calif. 90404.

## GSA Issues New Microform Series

The Geological Society of America has issued a new series—*Microform publications*—on a standard 4" x 6" film card (microfiche) with 98 frames (pages) on each card. Since the series' inception in May of this year, GSA has published *Microform publication 1: Environmental geology: a selected bibliography*, by VIVIAN S. HALL (four microfiche—\$6.00) and *Microform publication 2: Mineral resources of China*, by A.B. Ikonnikov (six microfiche—\$9.00; or six microfiche with Xerox copies, unbound—\$40.00). Glen K. Merrill's *Pennsylvanian conodont biostratigraphy and paleoecology of Northwestern Illinois* will be published in the near future.

Each year the Society intends to publish in the *Microform publication* series all of the data it receives during the year, so that it will be readily and rapidly available, at an economical price. Further information may be obtained from GSA, Publication Sales Department, 3300 Penrose Place, Boulder, Colo. 80301.

## New Geoscience Publications

(GIS members are in caps)

ANSARI, MARY B. *Bibliography of Nevada mining and geology, 1966-1970*. 1975. 61 p. \$3.50. (Nevada. Bureau of Mines and Geology. Report 24). Nevada Bureau of Mines and Geology, Publications Office, University of Nevada, Reno 89507.

The author has assembled more than 1600 references to Nevada's mining and geology for the five-year period, including 92 entries describing unsigned articles and mining news summaries appearing in local and national press media. The bibliography is arranged alphabetically by author and includes subject and area indexes.

Battelle Memorial Institute, Columbus. Columbus Laboratories. *Energy information resources: an inventory of energy research and development information resources in the continental United States, Hawaii and Alaska*. Compiled by Patricia L. Brown et al. Sponsored by the Office of Science Information Service, National Science Foundation. Washington, American Society for Information Science, 1975. 207 p. \$18.50. (ISBN 0-87715-111-3).

*Catalogue of the Canadian Section, National Map Collection, Public Archives of Canada*. 16 vols. Prepub. price (U.S. and Canada)-\$990.00; after January 31, 1976-\$1250.00. Boston, G.K. Hall. (ISBN 0-8161-1215-0).

Contains the world's largest and most comprehensive record of Canadian mapping from the discovery of North America to the present.

Chenhall, Robert G. *Museum cataloging in the computer age*. Nashville, Tenn., American Association for State and Local History, 1975. 261 p. \$13.00, members of AASLH; \$17.50 for non-members. (LC 74-16439; ISBN 0-910050-12-0).

*Every librarian a manager*. Proceedings of a conference sponsored by the Indiana Chapter, Special Libraries Association, and Purdue University Libraries and Audio-Visual Center. West Lafayette, Ind., Purdue University, 1974. 85 p. \$7.00.

Faibisoff, Sylvia G. *An introduction to information and information needs: comments and readings*. 1973. 134 p. ERIC (ED-093-282; PC \$6.60, MF \$0.75).

Geneva. Centre d'Études Industrielles. *The petroleum industry in Western Europe: a guide to information sources*. Lawrence G. Franko, general editor. New York, Garland, 1975. \$25.00. (Garland reference library of social science, v. 13) (LC 75-20065; ISBN 0-8240-9990-7).

Illinois. University. Graduate School of Library Science. *Applications of minicomputers to library and related problems*. Proceedings of the 1974 Clinic on Library Applications of Data Processing. Ed. by E. Wilfred Lancaster. 1975. \$6.00. Library Publications Office, 249 Armory Building, University of Illinois, Champaign 61820. (LC 65-1841; ISBN 0-87845-041-6).

*Journal of volcanology and geothermal research*. Quarterly, one volume per yr. To be published early in 1976. \$49.95. Elsevier Scientific Publishing Company, P.O. Box 211, Amsterdam, The Netherlands.

*LC science tracer bullet: weather modification*.

Compiled by Alexander Hromockyj. June 1975. 13 p. Free. (ISSN 0090-5232; TB 75-5). Reference Section, Science and Technology Division, Library of Congress, Washington, D.C. 20540.

Mabbs, A.W. *The organization of intermediate records storage*. Paris, UNESCO, 1974. 74 p. \$3.30. (ISBN 92-3-101152-9).

*Marine science communications*. Ed. by Donald W. Hood. Volume 1, number 1, June 1975. Six issues per volume. \$35.00. Marcel Dekker Journals, Box 11305, Church Street Station, New York, New York 10249.

Parish, David W. *State government reference publications: an annotated bibliography*. Littleton, Colo., Libraries Unlimited, Inc., 1974. 237 p. \$11.50. (LC 74-81322; ISBN 0-87287-100-2).

Salton, Gerard. *Dynamic information and library processing*. Englewood Cliffs, N.J., Prentice-Hall, 1975. 523 p. \$19.95. (LC 74-31452; ISBN 0-13-221325-7).

Thompson, James. *Library power; a new philosophy of librarianship*. Hamden, Conn., Linnet Books, 1974. 111 p. \$6.50.

Wessel, Andrew E. *Computed-aided information retrieval*. New York, Wiley, 1975. \$14.95. (LC 74-32146; ISBN 0-471-93376-7) (Information sciences series).

*White House Conference on Library and Information Services in 1976. Hearing Before the Select Subcommittee on Education of the Committee on Education and Labor, House of Representatives, Ninety-Third Congress, First Session*. ERIC (ED-092-100; PC \$5.40, MF \$0.75).

Hearings were held in 1974 before the Subcommittee on a "Joint resolution to authorize and request the President to call a White House Conference on Library and Information Sciences in 1976." The conference's purpose would be to develop recommendations for further improvement of the nation's libraries and information centers. The hearings contain supporting statements from the Librarian of Congress, the Archivist of the U.S., the Secretary of HEW, professors, publishers, library associations and their officials, and others.

## New Members

GAVIN H. BROWN

Brown's Geological Information Service  
160 N. Gower St.  
London NW1 2ND England

CANADIAN SUPERIOR OIL, LTD.

Three Calgary Place  
355 Fourth Ave. SW  
Calgary, Alberta, Canada T2P 0J3  
Attn: H.J. Caine

JUDITH A. CARRIE

Librarian, Great Plains Development Company of  
Canada, Ltd.  
736 Eighth Ave. SW  
Calgary, Alberta, Canada T2P 1H4

COMINCO LTD.

200 Granville Square  
Vancouver, B.C., Canada V6C 2R2  
Attn: B.E. MacKean

KENNETH T. FITZPATRICK

1093 Lee St.  
Lakewood, Colo. 80215

ANNALIESE LINNER

Institute for Documentation  
Liaison Office, Suite 690  
1990 M. St. NW  
Washington, D.C. 20036

HEDY MATTSO

Lindgren Library  
Massachusetts Institute of Technology  
77 Massachusetts Ave.  
Cambridge, Mass. 02139

## Literature Citations

(GIS members are in caps)

Bryan, M. Leonard. *Remote sensing data in geography and map libraries. Special libraries*, vol. 66, no. 11, November 1975, p. 520-527.

HALL, VIVIAN S. and Gregg Anderson. *Metrics—libraries and librarians. Special libraries*, vol. 66, no. 9, September 1975, p. 426-432.

Marshall, Doris B. *User criteria for selection of commercial on-line computer-based bibliographic services; an industrial practical case study. Special libraries*, vol. 66, no. 11, November 1975, p. 501-508.

Marshall, Peter. *Properly organized library system claimed vital to oil company success. Oilweek*, vol. 26, no. 29, September 1, 1975, p. 12.

Subramanyam, K. *The scientific journal: a review of current trends and future prospects. Unesco bulletin for libraries*, vol. 29, no. 4, July-August 1975, p. 192-201.

Waller, Salvador B. *Libraries, managers, and people. Special libraries*, vol. 66, no. 9, September 1975, p. 411-415.

WARANIUS, FRANCES B. and JODY H. HEIKEN. *Lunar Data Information Center: a shortcut to the riddle of the moon. Special libraries*, vol. 66, no. 9, September 1975, p. 407-410.

## Constitution

### ARTICLE I: NAME

SECTION 1:  
The name of this organization shall be the Geoscience Information Society.

### ARTICLE II: PURPOSE

SECTION 1:  
The purpose of this Society shall be to initiate, aid and improve, the exchange of information in the earth sciences through mutual cooperation among librarians, earth scientists, documentalists, editors and information specialists.

### ARTICLE III: MEMBERSHIP

SECTION 1:  
Any person who is working in the area of the geosciences at the professional level and who is interested in the purpose of this Society may become a member on approval of the Executive Committee.

### SECTION 2:

Any organization interested in furthering the purposes of this Society may become an Institutional Member, without vote, on approval of the Executive Committee.

### ARTICLE IV: DUES

SECTION 1:  
The annual dues of this Society shall be established by the Executive Committee.

### ARTICLE V: MEETINGS

SECTION 1:  
The Geoscience Information Society shall hold an Annual Meeting.

### SECTION 2:

Special Meetings of the Society may be called by the Executive Committee.

### SECTION 3:

No Annual Meeting or Special Meeting of the Society may be held except pursuant to reasonable notice to the membership.

### ARTICLE VI: OFFICERS

### SECTION 1:

The elected officers of this Society shall be a President, a Vice-President who is designated to be also President-Elect, a Secretary, and a Treasurer. The Vice-President shall succeed automatically to the office of President in the year immediately following his term of office as Vice-President.

### SECTION 2:

The term of office shall begin on January 1, next following the date of his election, and shall end on December 31, next following his election, or until his respective successor is elected and assumes office, whichever event shall first occur.

### SECTION 3:

In case of vacancy in the office of President, the Vice-President shall automatically become President, to serve until the next election or until his successor is elected and assumes office, whichever event shall first occur. During the period between elections, the Executive Committee shall have the power to appoint any member to fill any vacancy in the other elective offices, to serve until the next election or until his successor is elected and assumes office, whichever event shall first occur. An appointed Vice-President shall not succeed automatically to the office of President.

### SECTION 4:

The officers shall all be members in good standing of Geoscience Information Society.

### ARTICLE VII: DUTIES OF OFFICERS

### SECTION 1:

The duties of the officers shall be such as are specified in this Constitution, and such additional duties as may be specified by the Executive Committee.

### SECTION 2:

The President shall (a) preside at all Society meetings, and (b) be an ex-officio member of all committees of the Society, without the right to vote except in case of a tie.

### SECTION 3:

The Vice-President, in case of vacancy in the office of the President, or in case of the disability or resignation of the President, shall assume the powers and discharge the responsibilities of the President.

### SECTION 4:

The Secretary shall be responsible for keeping the records of the Society and a complete list of members.

### SECTION 5:

The Treasurer shall have custody of all funds of the Society and shall be responsible for keeping a record of the receipts and disbursements of the Society.

## ARTICLE VIII: EXECUTIVE COMMITTEE

### SECTION 1:

The Executive Committee shall consist of the President, Vice-President, Secretary, Treasurer, and immediate Past-President.

### SECTION 2:

During the period between Annual Meetings, the Executive Committee shall have the power to conduct the affairs of the Society.

## ARTICLE IX: COMMITTEES AND SOCIETY REPRESENTATION

### SECTION 1:

The President of the Society may establish standing and special committees, appoint their chairmen and membership and establish their respective budgets.

### SECTION 2:

The President, with the prior concurrence of the Executive Committee, shall appoint a Nominating Committee consisting of three members of the Society, not then members of the Executive Committee, who shall nominate candidates for the elective offices of the Society.

### SECTION 3:

The President, with the prior concurrence of the Executive Committee, shall appoint the member or members to represent the Society in other scientific or professional organizations.

## ARTICLE X: NOMINATIONS AND ELECTIONS

### SECTION 1:

Nominating Committee annually shall present to the President the names of one or more candidates for each elective office from among the membership of the Society. Space shall be provided on the ballot for write-in candidates for each elective office.

### SECTION 2:

The Secretary shall prepare and mail ballots to all members of the Society at least six (6) weeks prior to each Annual Meeting. No ballot received by Secretary later than two (2) weeks prior to the Annual Meeting shall be counted by the Secretary who shall tabulate and report the results of the ballots to the Annual Meeting.

### SECTION 3:

For each elective office, the candidate receiving the largest number of votes for each office shall be declared elected. The incumbent President shall have the power to resolve any ties.

### SECTION 4:

Members in good standing as reported by the Treasurer as of the date of the mailing of the ballots shall be eligible to vote.

## ARTICLE XI: CHAPTERS

### SECTION 1:

Local and Regional Chapters of the Society may be formed or dissolved at the discretion of the Executive Committee.

### SECTION 2:

All members of Local or Regional Chapters must be and remain members of the Society in good standing.

### SECTION 3:

The Constitution and By-laws, or other similar document, of any such Local or Regional Chapter shall be in conformity with the Constitution of this Society and shall not become effective unless and until any such document, or any amendment thereto, is approved by the Executive Committee of the Society.

## ARTICLE XII: AMENDMENTS

### SECTION 1:

Amendments to this Constitution may be proposed by the Executive Committee, by a committee appointed by the President, or by a petition signed by ten (10) members of the Society, and shall then be presented for consideration at the next Annual Meeting.

### SECTION 2:

After requirements of Section 1 have been met, amendments to this Constitution shall be adopted upon their having been submitted by the Secretary to the membership of the Society by a mailed ballot and approved by a majority of the members voting their ballots, and shall become effective immediately after approval unless another effective date is stipulated, following their adoption. No ballot received by the Secretary more than thirty (30) days after the date on which the Secretary mailed such ballots to the membership shall be counted.

## 1975 GIS Officers

PRESIDENT: Jack L. Morrison, U.S. Geological Survey, P.O. Box 7944, Metairie, Louisiana 70011 (504/837-4720)

VICE-PRESIDENT and PRESIDENT-ELECT: Vivian Hall, Geology Library, 100 Bowman Hall, University of Kentucky, Lexington, Ky. 40506 (606/258-5730)

SECRETARY: Barbara Christy, Geology Library, University of North Carolina, Chapel Hill, No. Caro. 27514 (919/933-2386)

TREASURER: Aphrodite Mamoulides, Head Librarian, Shell Development Co., P.O. Box 481, Houston, Tex. 77001 (713/667-5661, ext. 3633)

The *GIS newsletter* is published quarterly in March, June, September and December by the Geoscience Information Society. Subscription to the *Newsletter* is \$10.00 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:

Barbara Christy  
Geology Library  
University of North Carolina  
Chapel Hill, North Carolina 27514  
(919/933-2386)

GIS members are invited to contribute articles or news of general interest to the membership. Please submit all material to the Editor.

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

**Geoscience Information Society Financial  
Statement Covering 1-1-75 Through  
10-15-75. Prepared by  
A. Mamoulides, Treasurer**

BALANCE as of 1-1-75 \$977.63

**MISCELLANEOUS DEPOSITS**

Includes luncheon and field trip receipts  
and other monies not counted as income.

\$ 214.15

**INCOME**

Subscriptions to *Newsletter* (at \$10.00/yr.) \$ 150.00

Sale of *Proceedings* and other publications 864.50

Membership dues (\$10.00/yr. individual) 1920.00

(\$25.00/yr. corporate) 300.00

\$3234.50

3234.50

TOTAL RECEIPTS \$3448.65

**EXPENSES**

Printing costs

Dec. '75 *Newsletter* \$ 102.00

Mar. '75 *Newsletter* 51.00

June '75 *Newsletter* 102.00

Sept. '75 *Newsletter* 68.00

1974 *Proceedings* 901.43

Ballots 30.00

Meeting announcements 15.81

\$1270.24

Postage

Dec. '74 *Newsletter* \$ 24.42

Mar., June, Sept. '75 *Newsletters* 76.38

1974 *Proceedings* 50.00

Ballots 21.04

Other (i.e. Secretary, committees, etc.) 146.58

\$ 318.42

Fees

AGI dues for 1975 \$ 300.00

Stationery, phone calls, etc. \$ 107.49

Other expenses

Ad for *Directory* in *Geotimes* \$ 50.00

\$2046.15 TOTAL EXPENSES

Balance as of 1-1-75 \$ 977.63

Total receipts 3448.65

\$4426.28

Total expenses 2046.15

\$2380.13 Balance on hand as of 10-15-75