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GEI
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GIS newsletter

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1978 GSA Section Meetings

SOUTH-CENTRAL SECTION

March 6-7, 1978, Tulsa, Okla.
(Norman Hyne, Earth Sciences Discipline, The University of Tulsa, Tulsa 74101)

NORTHEASTERN SECTION

March 8-11, 1978, Boston
(Arthur H. Brownlow, Dept. of Geology, Boston University, Boston, Mass. 02215)

CORDILLERAN SECTION

March 29-31, 1978, Tempe, Ariz.
(Troy L. Péwé, Dept. of Geology, Arizona State University, Tempe 85281)

SOUTHEASTERN SECTION

April 6-7, 1978, Chattanooga, Tenn.
(R. L. Wilson, Dept. of Geosciences, University of Tennessee, Chattanooga 37401)

ROCKY MOUNTAIN SECTION

April 28-29, 1978 (with the Pander Society), Provo, Utah
(Morris S. Petersen, Geology Dept., Brigham Young University, Provo 84602)

NORTH-CENTRAL SECTION

May 1-2, 1978, Ann Arbor, Mich.
(Donald F. Eschman, Dept. of Geology and Mineralogy, University of Michigan, Ann Arbor 48109)

National Geophysical Data Center Publishes Seismic Reflection Data

NOAA's National Geophysical and Solar-Terrestrial Data Center, Boulder, publishes multichannel common depth point (CDP) seismic reflection data as they are released from the U. S. Geological Survey. Data for the southeast Bering Sea, Alaska (September 1975) and the Gulf of Alaska (August 1975) are now available. Further information may be obtained by contacting the National Geophysical and Solar-Terrestrial Data Center, NOAA/EDS, Code D621, Boulder, Colorado 80302, phone (303) 499-1000, ext. 6542 or 6338.

1978 GIS Officers

PRESIDENT:

Richard D. Walker, Library School, University of Wisconsin, Madison.

VICE-PRESIDENT and PRESIDENT-ELECT:

Julie Bichteler, Graduate School of Library Science, University of Texas at Austin.

SECRETARY:

Elizabeth Behrendt, U. S. Geological Survey Library, Denver.

TREASURER:

Robert A. Bier, Jr., U. S. Geological Survey Library, Map Section, Reston, Va.

BSI Prepares Standard For Map Citations

In response to requests from map librarians and curators, the British Standards Institution is preparing a standard for map citations. BS 5195, Part I, has been issued under the title *Recommendations for bibliographical references to maps and charts, Part I: References in accessions lists*. Part II will be concerned with references in books and articles. The standard applies to single-sheet and multi-sheet maps, maps in series and maps in atlases. It notes both essential and supplementary descriptive terms for early and modern manuscript and printed maps. Examples of references which conform to the standard are given in an appendix. Copies of BS 5195, Part I, are available for £2.10 including postage from: BSI Sales Dept., 101 Pentonville Road, London N1 9ND.

Local Historian Finds Wisconsin Map Society

The Wisconsin Map Society, a non-profit organization whose purpose is to advance the study of Wisconsin geography, cartography and map history, was founded in 1976 by Wilfred E. Beaver. Mr. Beaver ascertained the need for a state map organization while making a study of cartography in his work as local historian at Sparta, Wisconsin. The Society's goals are to study all recorded history of early land-surveys in Wisconsin, establish a research center for this study to supplement those now in operation at university and historical societies, fund scholarships in geography and cartography, promote affiliation with other relevant organizations, and seek funding for a map museum. The Society publishes an activity newsletter, *The mile-stone*, every ten weeks and a history quarterly, *The chart makers*. Anyone interested in membership should write the Wisconsin Map Society, Ltd., 418 East Main Street, Sparta 54656. Dues are: regular (\$5.00), sustaining (\$10.00) and patron (lifetime) (\$200.00).

GEOLOGY

JAN 31 1978

**Minutes
Geoscience Information Society
1977 Annual Business Meeting
November 8, 1977
Seattle, Washington**

The meeting was called to order by John Mulvihill at 9:15 a.m. The minutes of the 1976 meeting were read. Richard Walker requested that the minutes be changed so that his name be recorded as Richard and not Dick. The minutes were approved with the correction. Kay Keener presented the Treasurer's report for the period Jan. 1, 1977 - Oct. 31, 1977. The report was approved and filed for audit.

OLD BUSINESS

NOMINATING COMMITTEE REPORT

Vivian Hall gave the report. The new officers are: Vice-President, President-elect, Julie Bichteler Secretary, Elizabeth Behrendt Treasurer-Robert Bier

Harriet Wallace asked why the ballots were late in being sent out. Vivian explained there were problems contacting the candidates and getting the ballots out on time. It was suggested that the committee be appointed earlier. Hart Phinney moved that the report of the nominating committee be accepted. Peg Marshburn seconded. The motion passed.

COMMITTEE ON INTERNATIONAL CONFERENCE

Cornelius Burk gave the report for Dedy Ward. He presented a tentative program for the meeting. There was discussion of the objective of the meeting as stated on the program. The question was, should a recommendation come from the meeting? Ralph Farrar moved that at the international meeting we discuss the establishment of an international organization. The motion was seconded. Cornelius Burk presented a substitute motion that the international conference in London discuss alternative mechanism for increasing and promoting international cooperation for geological documentation and that a consensus be developed. This was seconded. The substitute motion carried. The mechanism to report back to the membership will be the *Newsletter* of GIS.

**BYLAWS AND CONSTITUTION
REVISION COMMITTEE**

Ralph Farrar presented the report. A proposed new Constitution and Bylaws was passed out and the changes from the old Constitution were discussed. Membership present at the meeting made suggestions for changes and clarification. The committee will incorporate these into the proposed Constitution and Bylaws to be sent to the membership for approval by mail ballot. Richard Walker moved that we accept the new Constitution and Bylaws as amended, edit and submit them to the membership. Seconded by Hart Phinney. Motion carried.

**DIRECTORY OF GEOSCIENCE
INFORMATION SOURCES**

John Price of the Science and Technology Division of the Library of Congress asked GIS to support Library of

Congress' publication of a directory of information sources in the geosciences. Hart Phinney moved that the President write a letter to the Library of Congress supporting this proposal. The motion was seconded by Kay Keener. The motion passed.

MARGE WHEELER

Vivian Hall moved that GIS send a letter to Marge Wheeler expressing sympathy on the recent loss of her husband. The motion was seconded and passed.

GUIDEBOOK COMMITTEE

Harriet Wallace reported for the committee. The third edition of the union list was shipped to AGI, which has produced camera-ready copy. The copy was reviewed by Harriet and the final editing is being done by GeoRef. The committee had met with John Mulvihill to discuss the problem of the number of times a title should be listed for guidebooks (under one main society or under all societies involved). It was decided that this edition will be published as previous editions and the new committee will try to solve the problem for future editions. No publication date other than early 1978 has been set and no price has been set. However GIS members will receive a 15% discount. Bea Lukins is the chairperson of the new committee. Other committee members are Barb Chappell, Marie Dvorzak, Marguerite Walsh, and Carolyn Kidd.

**DIRECTORY OF GEOSCIENCE LIBRARIES
COMMITTEE**

Richard Walker reported that there has been no action during the past year. The Executive Committee recommended to the membership that a committee be appointed to study the question of a new edition of the *Directory of geoscience libraries*, the need for a GIS membership list, and an arrangement with AGI to produce them by computer. It was suggested that the membership list also include a roster of past officers and the history of GIS. The recommendation carried.

THESIS COMMITTEE

The Executive Committee recommended to the membership that a committee be appointed to look into the production of a compiled bibliography of geologic theses from 1967 through 1976 or the years available in the GeoRef data base. The recommendation carried.

**REPORT OF THE GIS LIAISON TO ASIS,
JULIE BICHTELER**

Julie resigned as the liaison. This past year at the meeting there was a poster session for each society involved in the Committee of Liaisons to ASIS. The poster presented GIS' purposes, history, publications, etc. ASIS would like the liaison to be a three year appointment. GIS paid Julie's expenses to the meeting this past year because of the poster session.

GIS MEMBERSHIP FOLDER

Copies of the new brochure were distributed to members present. It was discussed that GIS should have a booth at the next GSA meeting. Suggestions of to whom to distribute the membership brochure: Geoscience departments, state surveys, other societies. A membership committee is needed to handle the distribution. Also a committee is needed to plan a booth for the 1978 meeting.

EXECUTIVE COMMITTEE MEETING

It was discussed that it would be helpful if the Executive Committee could meet during the year. It was decided that there is not enough money for the Society to pay expenses to such a meeting. The committee members will try to meet if they should happen to be at the same meeting, as ALA or SLA.

PAID STAFF

There was discussion at the Executive Committee meeting that there is a need for more continuity and transmission of information and wisdom from the past to the present officers. The Executive Committee recommended to the membership that the President appoint an historian. Expenses to attend the GIS annual meeting and office expenses would be paid by GIS. The appointment will be for two years on a trial basis. The responsibilities would include establishing a calendar for the year and codifying past actions of the Society. The recommendations carried.

NEWSLETTER

There is a need to distribute the work load to find out about new publications of interest to the Society. These would be included in the *Newsletter*. Certain members could volunteer to scan selected publications for information relevant to GIS and send this information to the *Newsletter* editor. It was suggested that we try to get some information into the *Newsletter* about individual members, such as past and present officers. Also we should continue the profiles of various organizations represented in the Society.

1978 MEETING

The Executive Committee recommended to the membership that the President appoint a hospitality committee to plan hospitality for the 1978 meeting and make recommendations for future meetings. (e.g., open house for new members, cocktail party). The recommendation carried.

MINUTES

The Executive Committee recommended to the membership that minutes of the business meeting of the annual meeting be published in the next issue of the *Newsletter* after the annual meeting. Committee reports, or summaries thereof, would be included with the minutes. Any actions of the incoming Executive Committee at their first meeting should also be reported in the *Newsletter*. The recommendation carried.

JOB DESCRIPTIONS

The outgoing officers are writing job descriptions, manuals, and calendars for the incoming officers. These will be revised and passed on each year.

GIS AND AGI: AGI BOARD REPRESENTATIVE

The AGI Board Representative is to be appointed for two years and should be a member of the Executive Committee. This is the request of AGI. Richard Walker moved that the Representative to the AGI Board be for a two year term beginning in 1978 and be reappointed every even number year. The motion was seconded by Vivian Hall. The motion carried.

GSA BIBLIOGRAPHY COVERAGE STUDY

The study is to compile a list of serials to be regularly and quickly covered and the countries to be covered so users will be able to know what to expect to find in the bibliography. The study is being conducted by GeoRef. Hart Phinney moved that GIS participate in this study. The motion was seconded and carried. A committee will be appointed to meet with a representative of GeoRef and then make recommendations to GIS. Richard Walker recommended that the two GIS members on the GeoRef Advisory Board serve as this committee.

NEW BUSINESS

SPONSORS

Hart Phinney reported that the Conants in Washington, D. C., wish to be relieved as sponsors of GIS in D. C., where GIS is incorporated. John Mulvihill will look into whether we have to reincorporate or whether we can find a new sponsor in D. C.

AUDITORS

Robert Bier and Eleanor Wilkens were appointed auditors.

ARCHIVES VS. WORKING PAPERS OF GIS

The Executive Committee in 1972 and 1973 discussed mailing three boxes of Society records around the country from officer to officer. It was decided at that time to place the papers and records at the USGS Library in Reston, Va. These records are filed there in an organized system. In 1976 the membership voted to place Society archives at the University of Illinois Library Archives. Some material has been placed there. This divides the records into two locations. Richard Walker moved that GIS keep its archives at the University of Illinois and that the working papers of the Society be housed at some place of convenience to the Society, temporarily at the USGS Library in Reston, Va. The motion was seconded and carried.

CORRESPONDENCE

John Mulvihill read a letter from the Women in Geosciences Committee of AGI asking for more recognition of women in the society. He responded that there is no problem of lack of recognition of women in GIS. He also read a letter from American Geophysical Union asking us to join them in supporting the new copyright law and a copyright clearance center. Discussion followed; no action was taken. There was a letter from the AESE suggesting a joint meeting. This was passed on to the new Vice-president as a program suggestion.

OTHER BUSINESS

Richard Walker asked that all existing committees report to him that they exist. Members were asked to sign up for committees on which they would like to serve. He also thanked all who had helped during the year. Richard Walker made a motion that the meeting be adjourned. Seconded by Robert Bier. Motion carried.

New Publications

Clague, J. J. et al. *Bibliography of marine geoscience information, Pacific regions of Canada, 1900-1976*. Ottawa, 1977. 43 p. (Canada. Geological Survey. Paper 77-22) \$3.00 (Canada); other countries, \$3.60. (ISBN 0-660-00840-8) Available from: Geological Survey of Canada, 601 Booth St., Ottawa K1A 0E8.

CODATA directory of data sources for science and technology. Chapter 1: Crystallography. June 1977. 42 p. (CODATA bulletin no. 24) US \$10.00. Available from CODATA Secretariat, 51 Boulevard de Montmorency, 75016 Paris, France.

Dennison, John M. *Bibliographic index of Appalachian Basin theses and dissertations through 1975*. 1977. 295 p. \$12.00. Available from: Appalachian Geological Society, P.O. Box 2605, Charleston, West Virginia 25329.

Over 300 entries from 120 institutions in the U.S. and Canada are cross-referenced by author, title, subject and school.

Directory of map collections in Australia, comp. and ed. by Nancy Myrtle Rauchle and Patricia A. G. Alonso. 2d ed. Canberra, National Library of Australia, 1977. 100 p. \$4.50 Aust. (ISBN 0-642-99098-0) Available from: Sales and Subscription Unit, National Library of Australia, Canberra, A. C. T. 2600.

Also includes map publishers in Australia: government mapping agencies (federal and state) and commercial firms.

Energy: a guide to organizations and information sources in the United States. 2d ed. (Who's doing what series no. 1, revised) January 1978. 225 p. \$19.00. (LC 77-79517; ISBN 0-912102-33-0) Available from: Public Affairs Clearinghouse/Center for California Public Affairs, P.O. Box 30, Claremont, California 91711.

GeoRef thesaurus and guide to indexing. 1977. 391 p. \$35.00 (plastic comb binding); \$20 (microfiche). Available from: American Geological Institute, 5205 Leesburg Pike, Falls Church, Va. 22041.

"The *Thesaurus* is intended to serve both searcher and indexer. This dual function is evident in the term notes which provide both past histories for searchers and current index set structures for indexers. It contains over 9,000 terms, the majority of which are geographic place names. The remaining terms are systematic (rocks, fossils, minerals, etc.) and non-systematic (geologic features, processes, properties, materials, etc.)" The *Guide* consists of structured lists of terms.

Mineral economics abstracts. Monthly. Will begin publication on January 2, 1978. Subscription: \$250.00 per year. Published by Mineral Economics Consultants, Inc., Swarthmore, Pa. 19081.

This is the English-language version of *Revue de Presse de l'Économie Minière*, published by the French Ministry of Industry in cooperation with the Bureau de Recherches Géologiques et Minières (BRGM). BRGM exchanges information with comparable groups in other countries. "In the field of mineral economics, the Bureau monitors more than 200 periodicals from around the world, as well as monographs, annual reports, and

transactions of conferences. Material of interest includes literature on metallics and non-metallics; on energy (coal, hydrocarbons, uranium); on legislation, nationalizations, trade agreements and other political actions; on markets, mergers, divestitures, and other corporate actions; on discoveries, transactions, projects, and significant technical developments." Every issue provides concise abstracts of over 300 documents organized by category and "key-word-in-context" indexing. *Mineral economics abstracts* will provide copies of any abstracted document, in the original language, for a nominal charge. Translation services are also available.

Mitchell, William B. et al. *GIRAS: a geographic information retrieval and analysis system for handling land use and land cover data*. (U. S. Geological Survey. Professional paper 1059) Wash., D. C., Govt. Print. Off., 1977. 16 p. \$1.80.

"Land use and land cover and associated mapping data are being incorporated into a digital data base in the Geographic Information Retrieval and Analysis System (GIRAS). The data will thus be available to the public in both graphic and digital form. Statistical analyses of the data will also be made available."

Remote sensing and mineral exploration newsletter (International Geological Correlation Programme Project). Free. Available from: W. D. Carter, U.S. Geological Survey, National Center, Mail Stop 950, 12201 Sunrise Valley Drive, Reston, Va. 22092. First issue is dated May 1976.

Roster of women in the geoscience professions. Compiled by the Women Geoscientists Committee, American Geological Institute. 1977. 48 p. Free. Available from: Ursula B. Marvin, Smithsonian Astrophysical Observatory, 60 Garden St., Cambridge, Mass. 02138.

Literature Citations

Berkstresser, Charles F. History of geologic system-period terms. *California geology*, vol. 30, no. 11, November 1977, p. 259-261.

Proehl, Karl H. The map interpretation file. *Special libraries*, vol. 68, no. 12, December 1977, p. 455-460.

Stevens, Stanley D. The Circum-Pacific Map Project: an introduction and review. *Western Association of Map Libraries. Information bulletin*, vol. 9, no. 1, November 1977, p. 2-9.

Tanaglia, Barbara Ragnar. Catalog card filing arrangement for a geology map collection. *Special Libraries Association. Geography and Map Division. Bulletin*, no. 110, December 1977, p. 17-22.

Geoscience Information Society

Financial Statement Covering January 1, 1977 Through October 31, 1977

Prepared by Kay Keener, Treasurer

BALANCE AS OF JANUARY 1, 1977

\$ 3,568.46

INCOME

Subscriptions to <i>Newsletter</i> @ \$10.00/12.00 yr.	\$	76.00	
Sale of <i>Proceedings</i> and other publications		1,190.50	
Dues—Individual @ \$12.00/yr.	\$ 2,042.36		
Corporate @ \$25.00/yr.	300.00		
		<u>2,342.36</u>	
TOTAL RECEIPTS		\$ 3,608.86	

3,608.86

\$ 7,177.32

EXPENSES

Printing Costs

Feb. '77 <i>Newsletter</i> No. 44	\$	101.00	
Apr. '77 <i>Newsletter</i> No. 45		102.00	
Jun. '77 <i>Newsletter</i> No. 46		102.00	
Aug. '77 <i>Newsletter</i> No. 47		<u>68.00</u>	
Four issues of 1977 <i>Newsletter</i>	\$ 373.00		\$ 373.00
Ballots			85.00
<i>Proceedings</i> Vol. 7			<u>500.00</u>

Total Printing Costs

\$ 958.00

Postage

Feb. '77 <i>Newsletter</i> No. 44	\$	37.65	
Apr. '77 <i>Newsletter</i> No. 45		38.69	
Jun. '77 <i>Newsletter</i> No. 46		39.70	
Aug. '77 <i>Newsletter</i> No. 47		<u>36.52</u>	
Four issues of 1977 <i>Newsletter</i>	\$ 152.56		\$ 152.56
Ballots			66.24
<i>Proceedings</i> Vol. 7			83.60
Transfer Guidebook to Houston			<u>27.26</u>

Total Postage

\$ 329.66

Miscellaneous Expenses

AGI dues for 133 members @ \$2.00/ea.	\$	266.00	
Guidebook Committee		57.21	
Julie Bichteler, ASIS transportation and registration		<u>267.00</u>	
Total Miscellaneous Expenses	\$ 590.21		\$ 590.21
TOTAL EXPENDITURES			\$ 1,877.87

TRANSFER OF FUNDS TO SAVINGS ACCOUNT

\$ 300.00

TOTAL OF OUTLAY TRANSACTIONS

\$ 2,177.87

BALANCE ON HAND AS OF OCTOBER 31, 1977

\$ 4,999.45

Balance as of January 1, 1977	\$	3,568.46	
1977 income as of October 31, 1977	+	3,608.86	
1977 expenses as of October 31, 1977	-	<u>1,877.87</u>	
BALANCE	\$	5,299.45	
Transfer of funds	-	<u>300.00</u>	
BALANCE ON HAND AS OF OCTOBER 31, 1977	\$	4,999.45	

SAVINGS ACCOUNT

Government Services Savings & Loan, Inc. Account No. 0363898

Balance on January 1, 1977	\$	849.49	\$	849.49
Earnings March 28, 1977		12.74		
Earnings June 27, 1977		17.43		
Earnings Sept. 27, 1977		<u>17.69</u>		
Earnings to Date	\$	47.86	\$	897.35
Transfer of funds April 6, 1977		300.00		
BALANCE IN SAVINGS AS OF OCTOBER 31, 1977			\$	1,197.35

New Members

Unni Havem Rowell
Librarian, Hawaii Institute of Geophysics Library
2525 Correa Road
Honolulu, Hawaii 96822

Positions Open

INDEXER—Graduate or undergraduate in library science to prepare cumulative subject index for nine years' issues of scientific reference work, *Proceedings of the Annual Lunar Science Conference* (Pergamon Press, N.Y.), working with editorial staff and computer. Requires ability to handle scientific material, primarily geology, chemistry and physics, with excellent word association skills. Twelve weeks at \$175/week, beginning in May or June, 1978. Send resumé and arrange for sending of three letters of recommendation to Publications Office, The Lunar Science Institute, 3303 NASA Road One, Houston, Texas 77058.

Deadline for receipt of applications is March 1, 1978.

REFERENCE LIBRARIAN—Under the direction of the Head of Reference Services. Performs reference services including some on-line bibliographic searches in the various physical sciences and the mineral industry engineering fields. Other duties include interlibrary loans for students and faculty, processing gifts received by the Arthur Lakes Library and occasional night duty during the academic year. A library addition is under construction which will double the size of the library. The starting salary is \$12,000. Master's from an ALA accredited library school required. Subject background in chemistry, other physical sciences or engineering preferred. Faculty status, generous sick leave and hospitalization and an excellent state retirement plan. Application deadline: February 1, 1977. The Colorado School of Mines is an Equal Opportunity Affirmative Action Employer.

Apply to: H. K. Phinney, Head Librarian, Colorado School of Mines, Golden, Colorado 80401.

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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Grand Forks, North Dakota 58202

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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