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Nº. 43

# GIS newsletter

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## Ralph Farrar To Chair Constitution/Bylaws Committee

Ralph Farrar was named chairman of the new GIS Constitution and Bylaws Revision Committee at the GIS annual meeting in Denver. Other members of the Committee are Marjorie Wheeler and Dedy Ward, with Harriet Wallace and Lee Swift as consultants. GIS members are requested to send any suggestions for revision to Mr. Farrar. His address is: 817 South 60th St., Omaha, Nebraska 68106.

## Int'l Geoscience Meeting Scheduled For London, April 1978

Dedy Ward, University of Colorado, will serve as chairman of the committee planning an international geoscience meeting in London in April 1978. Mr. Ward has already had preliminary discussions with the Geological Society of London Information Group. Other members of the core committee are Ralph Farrar, Mary Laham and Vivian Hall. As soon as actual planning gets underway, other GIS members will be involved in the planning activities. Anyone who has not as yet made known his interest in serving on the committee should contact either John Mulvihill or Dedy Ward.

Mary Scott, GIS Secretary, is on leave from the University of North Dakota to serve as researcher for North Dakota's Environmental Assessment Program and the North Dakota Geological Survey. Address all correspondence to:

Leonard Hall, Room 102  
University of North Dakota  
Grand Forks 58202

Please be sure to notify her if you have changed your address and/or place of employment. Mary will soon be mailing out GIS membership renewal forms.

## Geoscience Information Society 1977 Officers

President:

John G. Mulvihill

Vice-President and President-Elect:

Richard D. Walker

Secretary:

Mary W. Scott

Treasurer:

Katherine L. Keener

## GIS Members Asked To Mail Archival Publications

Past GIS officers and/or committees having publications of historical or archival interest are requested to send the items immediately to Mary Scott, GIS Secretary. These include:

1. Manuscripts (original papers for any of the GIS publications)
2. Official records
3. *Newsletter*—one copy of each issue
4. *Proceedings*—one copy of each volume
5. Membership directory—one copy of each edition

Ms. Scott will assemble the publications and forward them to the University of Illinois, which will serve as a repository for GIS archival materials.

## Geological Organizations Publish Regional Studies

The *Newsletter* Editor has received information concerning the availability of two geological publications. One is *Guidebook to the Cenozoic structural and volcanic evolution of the southern Marysvale volcanic center, Iron Springs mining district, and adjacent areas, southwestern Utah*, by Peter D. Rowley and J. J. Anderson, 1975 Geological Society of America Annual Meeting Field Trip no. 11, 37 p. It may be ordered for \$3.50 (includes handling and shipping) from: Gamma Zeta Chapter, Sigma Gamma Epsilon, Dept. of Geology, Kent State University, Kent, Ohio 44242. Checks or money orders should be made payable to Gamma Zeta Chapter, Sigma Gamma Epsilon.

The other publication is *Modern coastal sedimentary environments, Alabama and northwest Florida*, compiled by Harry C. Kent, May 1976, 96 p., available for \$7.00 (includes postage) from: Geological Exploration Associates, Ltd., P. O. Box 962, Golden, Colo. 80401.

## Greetings From The President's Desk

I'd like to thank you, the members of the Geoscience Information Society, for permitting me to serve as your president the past year.

It has been a lot of fun, I've met many interesting people, made some new friends. Most of all I've learned a lot. Some of the things I've learned have made me a better librarian, other things tell me of the goodness of people. Anything which I've asked any one of you to do has been accepted graciously and completed on schedule. However, lastly, serving as your president has been a tremendous amount of work—phone calls, correspondence to you, to leaders in other geographical groups both in the U. S. A. and in other parts of the world.

As president I served as a member of the GSA Presidents of Affiliated Societies and Council. The first meeting was in Boulder in mid-January 1976. At the last minute I was unable to attend and called Dedy Ward—a past president of GIS—and asked him to represent us. He graciously agreed and reported to me and to Reggie for the *Newsletter* the results of this meeting. I attended the fall meeting on Sunday, Nov. 7, of the GSA Council and on Thursday, Nov. 11, the AGI Governing Board meeting.

Earlier this year, I attended the AGI Governing Board meeting in New Orleans. AGI is made up of 35,000 individuals or 18 societies of which GIS is one. This involvement or participation with GSA and AGI is important to GIS and should definitely be continued. These meetings help us to be involved and aware of events in the geologic community in the United States.

The past year, we've grown slightly in membership and the sale of GIS *Proceedings* has increased. We had four members attend the International Congress in Australia and had an official representative at the organizational meeting of the Australian Geoscience Information Association (AGIA). Dorothy Vitaliano attended this organizational meeting for GIS.

A new GIS membership application form is being made up by John and an up-to-date brochure by Reggie this year.

Mary Scott, Secretary, has compiled a current membership directory. Many people have requested this directory.

We've compiled a survey of the use and possible future use of microform publications and microform readers in geological libraries in selected areas of the U.S. for a major geological publisher. These areas were surveyed: California, North Dakota, New York, Illinois, Kentucky and North Carolina. The publisher was trying to make up a schedule for converting his monthly publication to microform (fiche). He appreciated the input from librarians around the country.

We've been invited to cosponsor an international meeting with members of Editerra (Earth Science Editors of Europe) and the Geological Society of

London. April of 1978 is the chosen time. AESE (Association of Earth Science Editors) are very interested in this international meeting. They want to help plan and be on the program. Australian AGIA is interested also. Dedy Ward is the chairman. We will be hearing more about this trip. It appears it will not be as expensive a trip as we had at first feared it might be.

GIS is now 11 years old. We are the proud compilers of the *Union list of geologic field trip guidebooks of North America* to be published during 1977 by the American Geological Institute. Thanks go to Harriet Wallace and her committee for a job well done.

I believe we have had some impact on the geologic community—let's keep up the good work. Thanks again for all your confidence and support.

Sincerely,  
Vivian Hall

## GIS Tutorial Committee Issues Progress Report

Marjorie Wheeler, Chairman, GIS Tutorial Committee, gave a progress report at the annual meeting in Denver. Other members of the Committee are Aphrodite Mamoulides, Diane Parker, and Barbara Chappell.

This past year President Vivian Hall appointed a committee to investigate the feasibility of having a tutorial for those working with the geological literature. A summary of the Committee's efforts to-date is the belief that at this time a tutorial for those working in geology or science libraries is most needed for either those who are new to such libraries or those who have little or no geology background. To reach a large enough base of those who could participate, such a tutorial would have to be sponsored at a local level. The Committee does not recommend sponsoring this type of tutorial at an annual meeting.

With this in mind the Committee has drawn up a list of topics in the information field which it feels of primary importance in the geosciences. It is tentatively compiling a list of pertinent references to the topics which could be used as an aid to an individual inquirer or someone who is interested in sponsoring a tutorial. This annotated compilation could be published.

At this point perhaps we should ask the membership whether or not to proceed. Do we have enough suitable references in print? Would it be worthwhile to have a selected annotated list of references broken down into such broad categories as abstracting and indexing, data bases, maps, etc.? What should be the limitations—English language, easily obtainable, time period, etc. The Committee has fulfilled its initial mandate. The question is whether or not to pursue the effort to aid those less familiar with the geological literature or do available publications such as Harriet Smith's *Bibliography of geology references* fill the need?

## New Members

Patricia Sheahan  
44 Gemini Road  
Willowdale, Ontario, Canada M2K 2G6  
(Office geologist/librarian, Selco Mining Corporation Ltd.)

## GIS Business Meeting, Denver, November 1976

The Geoscience Information Society held its annual business meeting on November 9 in Denver. A brief summary follows.

Mary Scott, GIS Secretary, read the minutes of the 1975 meeting in Salt Lake City.

Kay Keener, Treasurer, gave the financial report (published elsewhere in this issue).

GUIDEBOOKS COMMITTEE: Harriet Wallace (Smith) reported that 107 geoscience libraries participated in the union list project. Work on the new edition is  $\frac{3}{4}$  completed. GIS members approved the Committee's recommendation that the American Geological Institute publish the third edition of the *Union list of geological field trip guidebooks*. Phil Wilson Publishing Company, which published the previous editions, has signed a release. GIS will supply guidebook data to AGI Publications Office, which in turn will contract with GeoRef. The Publications Office will arrange for the printing and binding and will advertise the publication. Provisions will be made for updating with supplements. GIS members at the meeting also approved the recommendation that the title be *Union list of geological field trip guidebooks*, with provision for the title to be expanded in the future to reflect the content of the union list (e.g. if foreign libraries' collections are included).

IUGS COMMITTEE: Julie Bichteler reported on her and Dedy Ward's work investigating the number and kinds of publications issued by committees and commissions of the International Union of Geological Societies. Ms. Bichteler delivered a paper on this topic at the annual meeting.

AGI GEOREF ADVISORY COMMITTEE: Dick Walker reported that only one meeting was held during the year. (See April issue of the *Newsletter*.) He was appointed Chairman of the Committee.

CONSTITUTION/BYLAWS COMMITTEE: The Committee recommended that new GIS officers take office after the annual business meeting.

MEMBERSHIP: Mary Scott detailed GIS membership: 183 individual members, 13 corporate, 16 new members, and a loss of 20 members through retirement, resignation and death. She reminded GIS members that their respective libraries' vendor address should be: Geoscience Information Society, c/o American Geological Institute, 5205 Leesburg Pike, Falls Church, Va. 22041. Orders are not to be sent to her. All GIS publications are pre-pay.

NEW BUSINESS: The University of Illinois has agreed to house GIS archival publications. Dorothy Vitaliano reported on her presentation before the Australian Geoscience Information Association, a newly formed group, at the International Geological Congress meeting in Sydney last August.

INTERNATIONAL GEOSCIENCE MEETING: Dedy Ward discussed his initial contacts with the Geological Society of London Information Group. They are interested in co-sponsoring an international meeting with GIS in London in 1978. Editerra, Association of Earth Science Editors, as well as the Australian Geoscience Information Association, have also expressed interest. Vivian Hall discussed air fare and lodging for various times during the year. The tour package would involve eight days, leaving on Friday and returning on Saturday, with leisure time to attend a play in London and visit places of interest. GIS members approved April 1978 as a favorable date for the meeting. Mr. Ward offered several tentative themes: "International control of geological literature" and "Comparison of indexing and abstracting systems."

## GIS Publication Prices To Increase January 1, 1977

All GIS publication prices will be increased January 1, 1977. All orders should be addressed to:

Geoscience Information Society  
c/o American Geological Institute  
5205 Leesburg Pike  
Falls Church, Va. 22041

Ordering information: Prepayment only. Make checks payable to GEOSCIENCE INFORMATION SOCIETY. No standing orders. Publications are sent surface mail, postpaid, uninsured. For overseas airmail delivery, please add \$2.50. The publications, with their new prices, are listed below.

PROCEEDINGS, v. 1, 1966, 1967 meeting, published 1969, ed. Graves, title: HANDLING GEOSCIENCE DATA AND INFORMATION. Out of print.

PROCEEDINGS, v. 2, 1971 meeting, published 1972, ed. Graves, title: TOWARD THE DEVELOPMENT OF A GEOSCIENCE INFORMATION SYSTEM. \$3.00

PROCEEDINGS, v. 3, 1972 meeting, published 1973, ed. Phinney, no title. \$6.00.

PROCEEDINGS, v. 4, 1973 meeting, published 1974, ed. Wheeler, title: GEOSCIENCE INFORMATION. \$12.00.

PROCEEDINGS, v. 5, 1974 meeting, published 1975, ed. Morrison, title: GEOSCIENCE INFORMATION. \$12.00.

PROCEEDINGS, v. 6, 1975 meeting, published 1976, ed. Hall, title: RETRIEVAL OF GEOSCIENCE INFORMATION. \$15.00.

DIRECTORY OF GEOSCIENCE LIBRARIES, U.S. & CANADA, second edition, ed. Parker and Walker, published 1974. \$5.00.

GIS NEWSLETTER. Subscription for 1977. (6 issues) \$10.00.

ENVIRONMENTAL GEOLOGY IN THE PITTSBURGH AREA, ed. R. D. Thompson. Geological Society of America, Field trip guidebook no. 6, for Annual Meeting, 1971. \$5.00.

## New Publications

(GIS members in caps)

*Directory of paleontologists of the world.* 3d ed. 1976. \$9.50. Available from: Universitetsforlaget, P. O. Box 307, Blindern, Oslo 3, Norway.

*Dynamics of atmospheres and oceans.* Vol. 1- 1976- (five issues per vol.) Amsterdam, Elsevier. Institutional subscription (1976-1977): U. S. \$122.25/Dfl. 318.00 including postage. Personal subscription: U. S. \$28.95/Dfl. 75.00 including postage.

*ERDA research abstracts.* Vol. 1- Jan. 1976- Monthly. \$19.00 (with annual index). Wash., D. C., Govt. Print. Off.

A "mission-oriented abstract journal covering the entirety of the Energy Research and Development Administration's research and development program." Coverage includes all scientific and technical reports, journal articles, conference papers and proceedings, books, patents, theses and monographs originated by ERDA, its laboratories, energy centers, and contracts.

*The Geography and Map Division: a guide to its collections and services.* Rev. ed. Wash., D. C., Library of Congress, 1975. Available from Govt. Print. Office. 42 p. \$1.15 (pap.) (ISBN 0-8444-0150-1).

*Geological Association of Canada. Program with abstracts, annual meeting.* vol. 1, 1976. \$2.00. Published jointly with the Mineralogical Association of Canada on the occasion of their annual meeting. Vol. 1 covers the GAC's 29th meeting and the MAC's 21st meeting. Available from: Geological Association of Canada, Publications Office, 111 Peter St., Toronto, Ontario M5V 2H1.

*Geomicrobiology journal.* Vol. 1- March 1977- Quarterly. New York, Crane, Russak. \$40.00.

Among the subjects to be discussed are the microbial transformation of iron, manganese, and other metals, the formation and dissolution of calcium carbonate, and isotopic fractionation by microbes.

*Geoscience and natural science: bibliography of Greece. Second volume covering the years 1960 to 1973,* by D. Haralambous, in collaboration with the Dept. of Geology and Palaeontology of Athens University. Athens, National Institute of Geological and Mining Research, 1975. 192 p.

The 236-paged first volume, *Geological and physico-geographic bibliography of Greece* by D. Haralambous, covered 1500-1959. It was published by the Institute for Geology and Subsurface Research, now called NIGMR. Both volumes are available from: NIGMR, 70 Mesogion St., Athens.

Green, Jerry E. *Mineral and energy production in a geographic context: a select bibliography.* Monticello, Ill., Council of Planning Librarians, 1976. 24 p. \$2.50. (Council of Planning Librarians. Exchange bibliography 1015) (LC 76-369189)

*Journal of energy and development.* Autumn 1975. Semi-annual. \$18.00. 216 Economics Bldg., University of Colorado, Boulder 80309.

Issued under the auspices of the International Research Center for Energy and Economic Development (ICEED) and the University of Colorado.

*The Lake Erie environment: a comprehensive chronologic bibliography (1797-1973).* Compiled by L. J. CHARLESWORTH, JR., J. F. Metress and C. E. Herdendorf. 1975. 436 p. \$11.00. (The University of Toledo. Environmental Sciences Institute. Research report no. 6) Available from: Lloyd J. Charlesworth, Jr., Dept. of Geology, The University of Toledo, Toledo, Ohio 43606.

The bibliography contains 4,211 references grouped into five broad subject areas and arranged chronologically into ten time blocks.

*Marine geodesy*, an international journal of ocean surveys, mapping and sensing. Vol. 1- March 1977- Quarterly. \$40.00. New York, Crane, Russak.

*Marine mining: the journal of seafloor minerals.* vol. 1- March 1977- Quarterly. \$40.00. New York, Crane, Russak. Will contain articles on seafloor minerals exploration, assessment, extraction, and ore processing.

## Position Open

READERS' SERVICES LIBRARIAN  
KNOX COLLEGE

The responsibilities of the Readers' Services Librarian are both administrative and educational. Administratively, this person is in charge of all library operations involving direct services to readers, namely, circulation, interlibrary loan, reference, and—at least for the present—audio-visual aids. Educationally, the Readers' Services Librarian is charged with initiating and carrying on a diverse program of library instruction, formal and informal, which provides for various kinds of instruction at various levels.

We are looking for someone who has preparation and experience that are particularly appropriate for librarianship at a liberal arts college. A candidate for this position should have a Master's degree in Library Science, a graduate degree in a subject field, and a strong academic record at all levels. Some teaching involvement in the college's curricular program will be expected. Faculty status is determined on an ad hoc basis.

Salary range: \$10,000-\$11,500. Twelve-month appointment with one month's vacation. Position open as of January 1, 1977. Knox College is an Affirmative Action/Equal Opportunity employer.

Contact: Douglas L. Wilson  
Knox College Library  
P. O. Box 500X  
Galesburg, Ill. 61401

*(Editor's note:* According to the Chairman, Dept. of Geology, Knox College, the library has a "very good collection on early travellers in North America . . . natural scientists and geologists. We'd like to attract candidates interested in geology . . . specifically the history of geology.")

# Financial report covering January 1, 1976 - November 1, 1976

Submitted by Kay Keener  
at the GIS Annual Meeting, November 9, 1976

Balance of January 1, 1976	\$3185.26		
Corrected balance after check #159 cleared	<u>5.00</u>		
	\$3180.26		
<b>INCOME</b>			
Subscriptions to <i>Newsletter</i> @ \$10.00/year		\$ 140.00	
Sale of <i>Proceedings</i> and other publications		983.35	
Dues—Individual @ 12.00/year	\$1500.00		
Corporate @ 25.00/year	200.00	1700.00	
Bank error		<u>.50</u>	
		\$2823.85	
<b>TOTAL RECEIPTS</b>			\$2823.85
<b>EXPENSES</b>			
Printing costs			
5 Issues of <i>Newsletter</i> Dec. '75 - Aug. '76	\$ 479.00		
<i>Proceedings</i> v. 5 errata	33.00		
<i>Proceedings</i> v. 6	957.00		
Ballots	58.00		
Misc. reproduction	<u>8.50</u>		
Total printing costs	\$1535.50	\$1535.50	
Postage			
5 Issues of <i>Newsletter</i> Dec. '75 - Aug. '76	\$ 211.70		
<i>Proceedings</i> v. 5 errata	20.00		
<i>Proceedings</i> v. 6	87.49		
Ballots	30.02		
Other - Com. offices transshipping	<u>77.56</u>		
Total postage costs	\$ 426.77	\$ 426.77	
Miscellaneous			
AGI dues (182 members)	\$ 364.00		
Stationery, phone calls, bank stamp, checks	21.79		
Typing labels	37.37		
Guide Book Committee	84.01		
Field trip bus	<u>95.00</u>		
Total miscellaneous costs	\$ 602.17	\$ 602.17	
<b>TOTAL EXPENSES</b>			\$2564.44
Balance as of Jan. 1, 1976		\$3180.26	
1976 income as of Nov. 1, 1976		+ 2823.85	
1976 expenses as of Nov. 1, 1976		<u>- 2564.44</u>	
Balance on hand as of Nov. 1, 1976		\$3439.67	
Savings account			
Government Services Savings & Loan, Inc.		\$ 800.37	
Balance on January 1, 1976		<u>36.57</u>	
Three quarterly earnings for 1976		\$ 836.94	
Balance as of November 1, 1976			

## Literature Citations

Gent, Carol A. Annotated bibliography of the geology of selenium, 1958-74. 1976. 49 p. (*U. S. Geological Survey. Bulletin* 1419)

Larsgaard, Mary. Moving a map library or how to keep your sanity while losing your grip. *Special Libraries Association. Geography and Map Division. Bulletin* no. 105, September 1976, p. 20-24.

Ray, Jean M. Properties of map projections. *Special Libraries Association. Geography and Map Division. Bulletin* no. 105, September 1976, p. 6-11.

Walker, Flora K. Bibliography and index of U. S. Geological Survey publications relating to coal, 1971-1975. 1976. 32 p. (*U. S. Geological Survey. Circular* 742)

A supplement to *U. S. Geological Survey. Bulletin* 1377. It supersedes *Circular* 709.

Wall, L. N. and Liles, C. A. Storage and retrieval system for drainage geochemical data. 1976. 29 p. (*Queensland. Dept. of Mines. Report* no. 93)

## 1976 GIS Officers

PRESIDENT: Vivian S. Hall, Geology Librarian, 100 Bowman Hall, University of Kentucky, Lexington, Kentucky 40506 (606/258-5730)

VICE-PRESIDENT and PRESIDENT-ELECT: John G. Mulvihill, Manager, GeoRef, American Geological Institute, 5205 Leesburg Pike, Falls Church, Va. 22041 (703/379-2480)

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  
University of North Dakota  
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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Librarian, Orton Memorial Library of Geology  
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