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GEI

no. 55

# GIS newsletter

Published bi-monthly by the Geoscience Information Society  
Number 55 ISSN 0046-5801 December 1978

## 1979 GSA Section Meetings

### Northeastern Section

Hershey, Pa., March 1-3  
(Noel Potter, Jr., Dept. of Geology,  
Dickinson College, Carlisle, Pa. 17013)

### South-Central Section

Mountain View, Ark., April 9-10  
(Fred S. Handy, GSA Headquarters,  
3300 Penrose Place, Boulder, Colo. 80301)

### Cordilleran Section

San Jose, Calif., April 9-11  
(Calvin H. Stevens, Geology Dept.,  
San Jose State University, San Jose 95192)

### Southeastern Section

Blacksburg, Va., April 26-27  
(David R. Wones, Dept. of Geological Sciences,  
Virginia Polytechnic Institute, Blacksburg, Va. 24061)

### North-Central Section

Duluth, Minn., May 10-11  
(Paul C. Tychsen, Dept. of Geosciences,  
University of Wisconsin, Superior 54880)

### Rocky Mountain Section

Ft. Collins, Colo., May 24-25  
(Tommy B. Thompson, Dept. of Earth Resources,  
Colorado State University, Ft. Collins 80523)

## Call For Papers

GIS Annual Meeting  
San Diego, November 5-8, 1979

You are invited to submit abstracts of papers to be considered for presentation at the GIS Contributed Papers Session in San Diego. Abstracts should not exceed 250 words in length and should be submitted on a GSA abstract form, which can be obtained from the Program Chairperson, Rosalind Walcott. All abstracts for the Contributed Papers Session must reach GSA Headquarters by June 1, 1979. One copy of your abstract should be sent to Rosalind Walcott. Abstracts will be reviewed by a panel of GIS members and you will be notified of acceptance or rejection no later than early August.

Please participate in your Society. Make 1979 the year that you give a paper.

Rosalind Walcott,  
Earth and Space Sciences Library,  
S.U.N.Y. at Stony Brook,  
Stony Brook, N.Y. 11794

## Colo. School Of Mines To Hold Map Workshop

Colorado School of Mines, Golden, will host at its Green Center March 8 and 9 an intensive two-day map workshop "presenting basic information needed to organize and provide service for a map collection with a minimum of time and effort." GIS member Hart Phinney, Head Librarian, Arthur Lakes Library, Colorado School of Mines, will be one of the program speakers.

### Program

#### Thursday, March 8

- 9:00 a.m. Welcome—Hart K. Phinney
- 9:15 a.m. *Maps in Libraries: an Overview*—David Cobb
- 11:30 a.m. Lunch
- 12:30 p.m. *Map Selection and Acquisition*—Mary Larsgaard, Ray Hill, Lyle Kemper, T. O'Brien (USGS), H. Phinney
- 4:00 p.m. *Classification*—M. Larsgaard

#### Friday, March 9

- 8:00 a.m. *Care, Repair, Preservation and Storage*—Alice Sharp, H. Phinney
- 9:30 a.m. *Cataloging*—M. Larsgaard, D. Cobb,
- 11:30 a.m. Lunch
- 1:30 p.m. *Reference Problems*—M. Larsgaard, D. Cobb, H. Phinney
- 3:30 p.m. *Administration*—D. Cobb, H. Phinney
- 4:30 p.m. Closing remarks

Mary Larsgaard is Map Librarian, Arthur Lakes Library, as well as Chairman-Elect, Geography and Map Division, Special Libraries Association. She is the author of *Map librarianship, an introduction* (Littleton, Colo., Libraries Unlimited, Inc., 1978). David Cobb, Map and Geography Librarian, University of Illinois at Urbana-Champaign, and Chairman of SLA Geography and Map Division's Professional Concerns/NCIC Committee, is the author of several cartobibliographies. Alice Sharp is Librarian at the Historical Society of Colorado. Deadline for registration is February 28. The fee is \$35.00 for both days or \$20.00 for one day. Lunch is included. For further information, write Office of Continuing Education, Colorado School of Mines, Golden 80401, or telephone 303/279-0300, ext. 2321 or 2322 for financial, transport, lodging information; ext. 2697 for information concerning the content of the program.

## Book Review

### **Geological Directory of the British Isles: A Guide to Information Sources.**

Edited by Judith A. Diment.

Geological Society of London, Geological Information Group, 1978. 109 p. (*Miscellaneous paper no. 10*). £3.

Review by Richard D. Walker

This useful and carefully compiled directory attempts to include all sources of materials of interest to the geoscience community. In addition to addresses and names of persons to contact, holdings, both geological and other, are given; special services and hours of opening are noted; publications and activities, where applicable, such as lectures, conferences, and field trips are indicated. The main body of the material is arranged by place, followed by the names of organizations located in that city. All organizations identified as having materials within the field of geology, broadly interpreted, are listed. Such peripheral subjects as hydrology, mining, oceanography, soil science, and the history of geology are included.

The organizations included are associations, societies, industrial and commercial establishments, museums, publishers, and libraries. The data, collected by questionnaire, can be approached in one of two ways, by name or the organization and by city of location.

This guide to the geological sources should prove to be of great value to geoscientists and to librarians and information scientists wishing to locate collections, special holdings, and services throughout the British Isles. The amount of information provided is sometimes uneven, and in certain instances there is nothing more than the name and address of an organization. Ms. Diment and the Geological Information Group have produced a first rate directory and one that complements our own directory. The third edition is to be out soon.

### **AGU Changes Format, Frequency Of EOS**

American Geophysical Union has begun publishing *EOS* on a weekly basis, beginning with its January 2, 1979, issue. The periodical was previously issued as a monthly. AGU reports that "the vast majority of the issues will be in tabloid format, with special editions in the traditional journal form. At the end of the year, as part of their subscriptions, subscribers will receive a bound copy of *EOS* that includes all indexed material and the index."

### **AGID Requests Materials For Developing Countries**

Libraries with surplus geoscience literature might wish to consider "recycling" their publications to libraries in developing countries. The Association of Geoscientists for International Development has issued a plea for books, journals, maps, etc., to send to countries otherwise unable to obtain the material. AGID will arrange for collection and shipping. For further information, contact: Prof. John Moore (AGID), Dept. of Geology, Carleton University, Ottawa, Ontario, Canada K1A 5B6.

## Views On An Int'l Geological Info' Organ.

At the GIS annual meeting in Toronto last October, there was some discussion concerning the formation of an international geological information organization. The viewpoints of Richard Walker and Neil Burk, Jr. are expressed below. Mr. Burk presented his views as a paper, here briefly summarized.

RICHARD WALKER

Re the rationale for the "non-organization" of geological information groups: My position from the beginning has been that we should "keep it simple." Here are a few reasons:

1. There is no need to absorb additional energies creating still another group.
2. There would necessarily be greater expenses involved with a new international organization of geoscience organizations.
3. At the present time there is no need. We can achieve what needs to be done with a single organizational committee, evidence the London meeting earlier this year.
4. We can always move towards greater organization at a later time if such an action is needed. It is more trouble to dissolve any organization once it is formed.

Additionally, I do not find the argument compelling that an organization is needed through which funds, ideas, and program proposals can be channeled. There is little likelihood of there being money and even less likelihood of an organization facilitating communication. Rather, it would only serve to slow things down.

NEIL BURK, JR.

Papers presented at the first International Conference on Geological Information, held in London 9-12 April 1978, illustrate the wide range of content, form and application of geological information. State-of-the-art reports from eight countries and delegations from an additional twelve confirm a general international interest in such information. However, existing mechanisms for accessing geological information resources on an international basis are restricted and uncoordinated.

Effective utilization of these resources will depend on the development, operation and international coordination of geological documentation systems; yet an international program for geological documentation does not exist. The most practical means for bringing such a program into being would be through the establishment of an "International Federation of Geological Documentation Services," organized to promote and manage international activities and programs, with representation from all services, societies, unions and other organizational entities responsible for, or interested in, geological documentation. This opinion is based on the following considerations:

1. The most immediate need in the field of geological documentation is for rationalization of the compilation of bibliographic data on the world's literature in geology.

2. There already exist numerous professional associations that meet the needs of individual professionals. What is required now is a greater degree of cooperation on an operational level and the initiation of worldwide projects in the field of geological documentation.
3. Moral and financial support for the establishment of a new organization will be more readily forthcoming if the projected cost-effectiveness and other benefits are apparent, as would be the case in an *operationally* oriented organization.
4. A review of worldwide activities in geological documentation indicates that nearly all services and activities are already reaching out on a regional, national or multinational basis. A structural mechanism is needed to link them together internationally.

The principal activities of the federation would be the exchange of information on developments of mutual interest, the development, testing and use of methods and standards that would promote the exchange and use of bibliographic and related data, and finally the development of programs that would provide for the rationalization of bibliographic data collection, its exchange and management. Financing could be anticipated through modest membership dues and through contractual support from appropriate governmental and non-governmental organizations.

## New Publications

*Aslib directory. Vol. 1: Information sources in science, technology and commerce.* Ed. by Ellen Codlin. 4th ed. 1977. 634 p. (SBN 0-8-5142-104-0) U.K.: £24; £20 Aslib members. Overseas: £30; £25 Aslib members. North America: \$72.00; \$60.00 Aslib members. Available from: Aslib Publications, 3 Belgrave Square, London SW1X 8PL.

*Chinese geophysics.* Edited by T. L. Teng and W. H. K. Lee. Vol. 1, no. 1, 1978- Semi-annual. Two issues per volume. Washington D. C., American Geophysical Union. \$10.00 to individuals (paperback edition); \$30.00 to institutions (hard cover edition).

The journal will include "edited translations of selected articles from Chinese geophysical journals and books, as well as abstracts of other articles of interest, original reviews of Chinese research, reports on visits and news items related to Chinese geophysical studies. Each volume will be devoted to a single topical area and will contain translations of complete articles totaling approximately 100 printed pages in the original Chinese, and informative abstracts of another 15-50 articles. The remainder of the 200 total printed pages will be devoted to original material solicited by the editors." Volume 1, no. 1, is entitled "Earthquake research in China."

*Climatic atlas of the outer continental shelf waters and coastal regions of Alaska. Vol. 1: Gulf of Alaska; Vol. 2: Bering Sea; Vol. 3: Chukchi-Beaufort Sea.* 1978. Compiled jointly by the Environmental Data Service's National Climatic Center and the University of Alaska's

Arctic Environmental Information and Data Center. \$5.00 per volume, plus postage and handling. Available from: Arctic Environmental Information and Data Center, University of Alaska, 707 A Street, Anchorage 99501.

"Each volume (409 to 433 pages) describes the climatology of the area covered and analyzes surface marine and atmospheric parameters. The climate data are presented in three-color monthly maps and in statistical graphs and tables, and include clouds, visibility, fog, precipitation, air and sea temperatures, waves, winds, sea level pressure, and extratropical cyclones. Each volume also includes sections on selected topics, e.g., storm surges, sea ice, weather extremes, tides, bathymetry, and ocean currents."

Haines, Donald A. Where to find weather and climatic data for forest research studies and management planning. St. Paul, Minn., North Central Forest Experiment Station, 1977. 15 p. (U.S.D.A. Forest Service. *General technical report* NC-27) Available free from: North Central Forest Experiment Station, Forest Service - U.S. Dept. of Agriculture, 1992 Folwell Avenue, St. Paul 55108.

*Landsat data users notes.* Bi-monthly. Available free of charge from: User Services Section, U.S. Geological Survey, EROS Data Center, Sioux Falls, South Dakota 57198.

The publication contains information regarding Landsat products, systems, and related remote sensing developments. Issue no. 4 is dated January 1979.

## Literature Citations

(GIS members in caps)

Eister, M.F., comp. Selected bibliography and index of earth science reports and maps relating to land-resource planning and management published by the U.S. Geological Survey through October 1976. 1978. 76 p. (U.S. Geological Survey. *Bulletin* 1442)

Energy materials: a classified listing. *Library journal*, vol. 104, no. 1, January 1, 1979, p. 74-84.

An energy source directory, by Neal-Schuman Publishers. *Library journal*, vol. 104, no. 1, January 1, 1979, p. 27-73.

Glaciological literature; a selected list of glaciological literature on the scientific study of snow and ice and of their effects on the Earth. *Journal of glaciology*, vol. 18, no. 80, 1977.

Martinsson, Anders. Keys to German palaeontological and stratigraphical terminology. *Lethaia*, vol. 11, no. 4, October 1978, p. 292.

Minton, James O. OCLC map cataloging: an emerging standard practice. *Special Libraries Association. Geography and Map Division. Bulletin*, no. 113, September 1978, p. 25-40.

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

Newman, Lorna E. Library and technical information services: the Water Research Centre. *Aslib proceedings*, vol. 30, no. 7, July 1978, p. 241-250.

Publications of affiliated societies and international associates. *AAPG bulletin*, vol. 63, no. 1, January 1979, p. 128-146.

Field trip guidebooks, monographs, serial publications, maps, etc. are included in this list of publications of affiliated societies and international associates of the American Association of Petroleum Geologists. Out-of-print material has not been cited.

SCHROEDER, JOHN R. AACR 2 abandonment of corporate body main entry: LC G&M Division position paper. *Western Association of Map Libraries. Information bulletin*, vol. 10, no. 1, November 1978, p. 78-81.

Smith, Eugene L. Storage and retrieval systems for the Reference Minerals Collection and the Georgina Basin Project. *BMR journal of Australian geology and geophysics*, vol. 3, no. 3, September 1978, p. 248-253.

"Two major information storage and retrieval systems now in operation at the (Australia) Bureau of Mineral Resources—The Reference Minerals Collection Index and the Georgina Basin Project Data Base—are based on INFOL. The first system, used in progressively indexing mineral specimens in the BMR Museum, has been in operation five years and will continue indefinitely. The second system, designed for a specific field project, has been in operation for four years and has a finite life. The systems are run through CSIRONET on the Cyber 76 computer."

## New Members

Kerry L. Burns  
Professor of Geology  
Heroy Geology Laboratory  
Syracuse University  
Syracuse, New York 13210

Charles W. Finkl, Jr.  
Chief Editor, *Encyclopedia of Earth Science Series*  
(Academic Press, Dowden, Hutchinson and Ross)  
Ocean Sciences Center  
Nova University  
Port Everglades, Florida 33004

Jodi Gouwens  
Librarian, Resource Associates of Alaska, Inc.  
3230 Airport Way  
Fairbanks, Alaska 99701

Aida R. Green  
Librarian, Woodward-Clyde Consultants  
1425 Broad Street  
Clifton, New Jersey 07012

Peggy J. Hamilton  
Instructor in Geology  
Eastern Washington University  
EWU-USBM Research Center  
Cheney, Washington 99004

Vera Kunda  
Reference Librarian, Science Library  
University of Alberta  
Edmonton, Alberta, Canada T6G 2J8

Nina Lockwood  
Library Assistant IV, Geological Sciences Library  
University of Rochester  
Rochester, New York 14627

Vicky A. Perlman  
Information Specialist, Standard Oil Company (Indiana)  
Library Information Center 2003  
P. O. Box 5910A  
Chicago, Illinois 60680

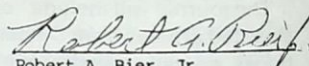
## Interim Financial Report

December 31, 1977 to October 18, 1978

(Unaudited)

Balance as of December 31, 1977		\$5,085.94
Miscellaneous deposits (Funds transfer from 1977 Treasurer to 1978 Treasurer)		50.00
Income		
Dues - Individual	\$2,196.46	
Corporate	263.00	
Subscriptions	177.50	
Publications	496.30	
	<u>\$3,133.26</u>	\$3,133.26
Expenses		
Newsletter printing	\$ 459.00	
Newsletter postage	212.00	
Proceedings printing	687.96	
Proceedings postage	51.73	
Printing GIS stationery	144.00	
American Geological Institute dues	241.00	
Travel expenses	1,152.64	
Misc. postage and supplies	221.16	
	<u>\$3,170.09</u>	<u>3,170.09</u>
Net gain (loss)		(\$36.83) <u>(36.83)</u>
Balance		\$5,099.11
Savings account		
Passbook balance as of 6-28-78		\$1,252.04

Submitted by

  
Robert A. Bier, Jr.  
Treasurer  
October 24, 1978

## Position Open

### Title:

Mining and Mineral Resources Librarian

\*Part-time (20 -25 hours per week)

\*Continuation of appointment beyond September 30, 1979 is contingent upon renewal of funding

### Description:

Under the Head, Engineering Libraries, is responsible for the collection and dissemination of information about library collections in mineral resources at M.I.T. in order to facilitate their use by Mining and Mineral Resources Research Institute (MMRRI) faculty and staff. Develops a user education program to maintain and heighten awareness of available library resources and to introduce new program members (students and staff) to collections. This may include: developing subject lists and annotated guides to mineral resources literature in the M.I.T. Libraries; publishing a newsletter with information, for example, about the Libraries' mineral resources collections, about recent Library acquisitions, and about Boston area meetings and symposia that would be of interest to members of the program; performing literature searches, compiling bibliographies, and facilitating retrieval of information for members of the program. Works with selectors in appropriate subject areas to identify collection gaps and recommend materials for purchase. Consults with research staff in order to keep informed on areas of research in the MMRRI program. Assists program members in collection and organization of literature to support research and instruction. Explores other collections available in the area (Boston Library Consortium) and facilitates their access to members of the MMRRI program.

### Qualifications:

Master's degree from an accredited library school. Public service experience in an academic library. Experience working with scientific and technical literature or academic background in above. Ability to work independently and interact effectively with faculty, research, and library staff.

### Available:

Now (*Editor's note*: This announcement was issued December 1, 1978.)

Interested individuals should submit résumés including the names of three references to:

Margaret A. Otto, Associate Director  
The Libraries, Room 14S-216  
Massachusetts Institute of Technology  
Cambridge, Massachusetts 02139  
Telephone: (617) 253-5654

M.I.T. is an equal opportunity employer with an affirmative action plan and welcomes applications from qualified women and minority candidates.

## 1979 GIS Officers

**PRESIDENT:** Julie H. Bichteler, Graduate School of Library Science, The University of Texas at Austin, Box 7576, University Station, Austin, Texas 78712 (512/471-3821)

**PAST PRESIDENT:** Richard D. Walker, Library School, University of Wisconsin, Madison, 600 North Park Street, Madison, Wisconsin 53706 (608/263-2919 or 263-2900)

**VICE-PRESIDENT and PRESIDENT-ELECT:** Rosalind Walcott, Earth and Space Sciences Library, State University of New York at Stony Brook, Stony Brook, New York 11794 (516/246-3616)

**SECRETARY:** Caryl L. Shields, U. S. Bureau of Mines, Minerals Availability Field Office, Building 53 Warehouse, Denver Federal Center, Denver Colorado 80225 (303/234-6194; home: 303/449-9146).  
*Please send mail to home address: 510 22nd Street, Boulder, Colorado 80302.*

**TREASURER:** Robert A. Bier, Jr., U. S. Geological Survey Library, National Center - Mail stop 950, 12201 Sunrise Valley Drive, Reston, Virginia 22092 (FTS: 703/928-6671; commercial: 703/860-6671)

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.

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  
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155 South Oval Drive  
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