

# GIS newsletter

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## GIS ANNUAL MEETING TORONTO, OCTOBER 22-26, 1978

### Sunday, October 22, 1500-1700

*Executive Board Meeting* (1978 Board)  
Royal York

### Monday, October 23, 0830-1145

*Symposium: Geoscience Publication—Problems and Prospects*

Sponsors: Geoscience Information Society and  
Association of Earth Science Editors  
Royal York

Speakers will be discussing the publication process from  
several points-of-view:

*The Editor*—Ward Neale, Editor, *Canadian journal of  
earth sciences*, Dept. of Geology, University of Calgary

*The Book Publisher*—Milo Dowden, Dowden,  
Hutchinson & Ross

*The Journal Publisher*—Judy Holoviak, Publication  
Manager, American Geophysical Union

*The Data Base Producer/Operator*—Dave Penniman,  
Manager of Research Dept., OCLC

*The Librarian/Information Specialist*—Rosalind  
Walcott, Earth and Space Sciences Librarian,  
SUNY-Stony Brook

*The End User*—John Dewey, Dept. of Earth Sciences,  
SUNY-Albany

### Monday, October 23, 1800-2000

*GIS Cocktails* (cash bar)  
Royal York

### Tuesday, October 24, 1200-1330

*Luncheon*  
Ed's Warehouse

### Tuesday, October 24, 1400-1800

*Business Meeting*, followed by 1979 *Executive Board  
Meeting*  
Royal York

### Wednesday, October 25, 0900-1700

#### *Field Trip*

In the morning we'll visit the Metropolitan Toronto  
Central Library and the Mines Library, Ontario Ministry of  
Natural Resources, via public transportation. After lunch,  
we'll have a tour of local geology, emphasizing shoreline  
features and how geological features have affected the  
growth of the city. Advance registration is necessary only  
for the afternoon tour, Field Trip 16: Toronto Geology.  
(GSA preregistration: C\$7.00 or U.S.\$6.00)

### Thursday, October 26, 0830-1130

*Contributed Papers Session*  
Royal York

"Geotechnical and Geological Data Bases for the Urban  
Environment," Shirley L. Fenton, Dept. of Computing  
Services, University of Waterloo, Ontario.

"Manual Literature Searching in the Geosciences: A  
Comparative User Convenience Study of International  
Indexes." Unni H. Rowell, Hawaii Institute of Geophysics,  
Honolulu.

"Open File Repository and Black Shale Bibliography,"  
Vivian Hall, Geology Library, University of Kentucky.

"Status of Information Education for Geoscientists in the  
United States and Canada," Diane Parker, Reference  
Dept., Lockwood Library, SUNY-Buffalo.

"Problems in the Selection and Acquisition of Geological  
Maps," Judith A. Diment, Palaeontology Library, British  
Museum (Natural History), London, England.

"Collection Development in a Geology-Geophysics  
Research Collection," Nancy Pruett,  
Geology-Geophysics Library, UCLA.

"Proposal to Establish International Federation of  
Geological Services," Cornelius F. Burk, Canada Centre  
for Geoscience Data, Dept. of Energy, Mines and  
Resources, Ottawa.

### Thursday, October 26, 1300-1700

*Symposium: Geological Information—Problems in  
Transfer from Scientist to Policy Maker*  
Royal York

This symposium, sponsored by GSA's Committee on  
Geology and Public Policy, should be of interest to GIS  
members. It will include a variety of topics such as land  
resources mapping for public policy transfer, and the  
role of science advisory groups, federal regulations and  
guidelines, and the decision maker's requirements for  
geologic information from the Congressional viewpoint.

GIS will occupy Booth 50 in the exhibit area.

#### Tickets

Our luncheon this year will be at Ed's Warehouse, a  
restaurant near the hotels. If you wish to attend, please  
purchase your ticket *in advance of the meeting*. Send a  
check for C\$5.50 or U.S.\$5.00 by *October 1* to:

Ms. Pat Sheahan  
Selco Mining Corporation Limited  
Suite 1700  
55 University Avenue  
Toronto, Ontario M5J 2H7  
Canada

Field trip tickets for Wednesday afternoon, Field Trip 16:  
Toronto Geology, may be purchased through GSA at the  
time you preregister, following the usual procedure.  
There is no charge for our Wednesday morning tours.

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## Field Research Grants Available From CFR

The Center for Field Research, a non-profit organization established to raise private funding for field research scientists and to encourage public understanding of science, is currently accepting proposals for 1979. The Center and its affiliate, EARTHWATCH, have raised over one million dollars to support worthy research. In 1978, it will channel another \$500,000 into grants. Eligible disciplines include, but are not limited to, anthropology, archaeology, astronomy, biology, botany, cartography, conservation, ethology, folklore, geography, geology, marine sciences, medicine, meteorology, musicology, ornithology, restoration and sociology.

October 1, 1978, is the proposal deadline for projects beginning after June 1, 1979. The 1978 edition of the Center's *Guide to funds and volunteers for field research* may be obtained by contacting Ms. Elizabeth E. Caney, The Center for Field Research, 10 Juniper Road, Box 127R, Belmont, Massachusetts 02178 (telephone: 617/489-3032).

## IAQR Requests References For Tephrochronology Bibl.

The International Association for Quaternary Research is planning to publish a supplement to the *World bibliography and index of Quaternary tephrochronology* in 1980. The subject matter of the supplement and future editions of the bibliography is being broadened to *tephra* rather than being limited to *tephro* chronology. Persons who have knowledge of references concerning North America, Hawaii or West Indies are asked to send them to Elizabeth Behrendt, U.S. Geological Survey Library, Stop 914, Box 25046 Denver Federal Center, Denver, Colorado 80225. Any contributions will be greatly appreciated.

## Gulf Pub. Co., CCI Publish Energy Volumes

Gulf Publishing Company has issued volume one of *Energy bibliography and index*, a guide to 20,000 books, maps, government documents, and technical reports in the field of energy. Entries are indexed under five categories and abstracts of 50-100 words are included under main entries. The projected series will contain five volumes and quarterly updates will be issued. Volume one is available for \$295.00 from Gulf Publishing Company, Book Division, P.O. Box 2608, Houston, Texas 77001. *The energy sourcebook* has been published by the Center for Compliance Information of Aspen Systems Corporation. This 667-page compendium covers fifteen sources of energy: resources and potential sources, consumption, outlook, legislation, technology, economics, conservation, and guidelines for industry. The \$39.50 volume can be ordered on a 30-day free-trial basis from Department E, Center for Compliance Information, 20010 Century Boulevard, Germantown, Maryland 20767.

## Univ. Of Alaska Museum Releases Mining Bibliography

The University of Alaska Museum has released a 463-paged document entitled *Alaska mining history*, by Virginia Doyle Heiner. It is number 17 in the Museum's *History and archaeology* series. It is primarily an Alaskan mining bibliography arranged by mining areas of the state. A brief section at the end of the publication lists other sources of information (by author and year) on such subjects as mining law, mineral resources, etc. The book is available for \$6.50, plus 75 cents for postage and handling, from the University of Alaska Museum, Fairbanks 99701.

## SLA Geography And Map Div. Issues Call For Papers

"Politics and Economics—Impact on Libraries and Information Service" is the theme of the Special Libraries Association's Annual Conference scheduled for Honolulu June 9-14, 1979. SLA's Geography and Map Division has issued a call for papers relating directly to the theme or concerned with such topics as micrographics, copyright, cartography of the Pacific, or Pacific area map libraries. Those interested may send abstracts of proposed papers to: Ms. Mary Larsgaard, Map Librarian, Central Washington University Library, Ellensburg, Washington 98926. Deadline is September 30, 1978.

## Virginia Div. Of Mineral Resources Issues New Publication Series

The Virginia Division of Mineral Resources has discontinued its *Bulletin*, *Information circular*, *Mineral resources report*, and *Report of investigations* series and has replaced them with a *Publication* series. The new series may not be released in chronological order. The last numbers in the previous series are *Bulletin* 86, *Information circular* 20, *Mineral resources report* 13, and *Report of investigations* 45.

## Map Libraries Workshop To Be Held In Georgia

The Third Workshop on Map Libraries in the Southeast U.S. will be held in Athens, Georgia, on Sunday, November 19, in conjunction with the Annual Meeting of the Southeastern Division of the Association of American Geographers. For further information, contact: John Sutherland, Map Collection, Science Library, University of Georgia, Athens 30602.

## President's Column

As your new President, I have been kept busy writing dozens (hundreds?) of letters and other responses to various concerns of the Society. The most unexpected things often require some kind of response from the Society and it often falls to the President to make the appropriate responses, be it a letter from Peking, China, requesting sample issues of our publications and information about the Society, or making certain the communication channels between our Society and other societies stay open, or the exchange of ideas both within and without the geologic communities. I have been pleased with the cooperation of all members of the Society and their willingness to serve in whatever capacity the Society needs at the moment. This is not to suggest I expected anything less.

I plan to give a short Presidential address at the GIS Luncheon during the Toronto '78 Meeting, but there are a few items that I should like to call to your attention before that time. First, there are a couple of Technical Programs at the Toronto '78 Meeting of interest to many of our members, in addition to the GIS program by our Program Director and President-elect, Julie Bichteler: Geoscience Publication—Problems and Prospects." The two are "Remote Sensing" by Murray Felsher and "Geological Information—Problems in Transfer from Scientist to Policy Maker."

And speaking of the Toronto Meeting, permit me to say that I would welcome any suggestions for matters to be considered for discussion at the business meeting. I should like as much input as possible. Please write directly to me.

The 1978 *Proceedings*, Vol. 8, for the 1977 Seattle Meeting have all been distributed. If you did not get your copy, let me know and I shall try to find out why and see to it that you get one.

Plans are proceeding with the Geological Information Conference Organizing Committee to make the next International meeting (Paris 1980?) even better than the recent London meeting. I shall continue to serve on that Committee and should like any input you might have. We can certainly discuss it at the Toronto Meeting.

Two GISers have been appointed to serve on the National Advisory Board on GeoRef of the AGI. They are Arleen Somerville of the Science Library, University of Rochester, and Dederick Ward, Geology Librarian, University of Colorado. Although they are not serving as official representatives of GIS, the Society is well represented by these two very interested and knowledgeable persons. Dedy is a Past President of GIS and Arleen ran for Vice-President at the Miami meeting. I continue to serve as the official GIS representative on the GeoRef Board and its chairman.

I attended the meeting of the Associated Society Presidents and the GSA Executive Committee on February 2, 1978 at GSA Headquarters, Boulder. A few things of interest are: (1) The abolition of the \$20 abstract fee for symposium and technical program papers at the Annual GSA meetings, (2) Abstract with Program format change: it is no longer to be a "handbook" size but 8½ x 11, and (3) The San Diego, California Meeting will run 3½ days, November 5-8, 1979.

Robert Bier, Treasurer, served as GIS representative (in Dick Walker's place) at the AGI Governing Board Meeting, April 13, 1978, at the Hotel Skirvin in Oklahoma City.

Marie Siegrist of Washington, D. C., has agreed to serve as our official contact person for incorporating purposes (we need someone with an address in the district where we are incorporated).

Hart Phinney, Colorado School of Mines, has agreed to serve as our first "Historian" for a two year trial period. Harriet Wallace, University of Illinois, did not feel she could accept this important appointment at this time. Please contact Hart if you have any information you feel deals directly or indirectly with the Society and should be preserved for future use as an archival record of our past.

Committee appointments:

Thesis Committee

Reggie Brown, The Ohio State University  
Susan Coniglio, Montana College of Mineral Science and Technology  
Vivian Hall, Chairperson, University of Kentucky  
Aphrodite Mamoulides, Shell Development Company  
Louise Zipp, University of Iowa

Hospitality Committee (Toronto Meeting)

Pat Sheahan. Pat will be assisted by Nancy Thurston.

Nominating Committee

Marie Dvorzak, University of Minnesota  
John Mulvihill, Chairperson, AGI/GeoRef  
Mary Scott, University of North Dakota

Guidebook Committee

Barbara Chappell, U. S. Geological Survey Library, Reston, Virginia  
Marie Dvorzak, University of Minnesota  
Claren Kidd, University of Oklahoma  
Beatrice Lukens, Chairperson, University of California at Berkeley  
Marguerite Walsh, Texaco, Inc., Bellaire, Texas

Directory of Geoscience Libraries (and)

GIS Membership Directory

Reggie Brown, The Ohio State University

On a personal note:

I have agreed to serve as the liaison person between GIS and ASIS, a position held for the last four years by Julie Bichteler, and have been appointed to serve on the Wisconsin Advisory Committee for the Governor's Conference on Library and Information Services. On top of this very hectic (albeit enjoyable) year, I was promoted from Associate Professor to Professor in June.

## Literature Citations

(GIS members in caps)

ANSARI, MARY. Birth and growth of the Nevada Mining and Geology File. *California librarian*, vol. 38, no. 4, October 1977, p. 53-58.

Davis, John S. and Haymes, Mary F. The organization of a geophysical data collection. *Special Libraries*, vol. 69, nos. 5/6, May/June 1978, p. 215-219.

Ellenberger, F. et al. Références bibliographiques sur les Calédonides scandinaves. *Revue de géographie physique et de géologie dynamique*, deuxième série, vol. 19, fasc. 5, Novembre-Décembre 1977, p. 515-522.

Index to graduate theses and dissertations on California geology, 1975 and 1976. Compiled by David Peterson and George J. Saucedo. *California geology*, vol. 31, no. 4, April 1978, p. 90-94.

Museums of earth science interest in the British Isles. *Lapidary journal*, vol. 30, no. 10, October 1977, p. 2332-2344.

New titles on environment. *Library journal*, vol. 103, no. 9, May 1, 1978, p. 953-959.

Ristow, Walter. The greening of map librarianship. *Special Libraries Association. Geography and Map Division. Bulletin*, no. 111, March 1978, p. 2-9.

Siehl, George H. Environment update. *Library journal*, vol. 103, no. 9, May 1, 1978, p. 927-932.

Truede, Mai. Maps and atlases: basic reference bibliography. *Special Libraries Association. Geography and Map Division. Bulletin*, no. 111, March 1978, p. 32-37.

What maps are needed now? *BMR journal of Australian geology and geophysics*, vol. 2, no. 4, December 1977, p. 253-269.

"A panel discussion was held during the Sixth BMR symposium in Canberra in May 1977 on what earth science maps are needed now in Australia. This account gives background information from the panel (Chairman, D. Denham) and presents the ensuing comments and discussion."

## New Publications

Bergquist, Wenonah E. *Bibliography of reports resulting from U. S. Geological Survey technical cooperation with other countries, 1976-74*. Washington, D. C., Govt. Print. Office, 1976. 68 p. \$ .90. (U. S. Geological Survey. Bulletin 1426)

----- *Bibliographic supplement to U. S. Geological Survey bulletin 1426, for 1975 through June 1977*. 1978. 58 p. Microfiche \$3.50; paper copy \$8.75. (U. S. Geological Survey. Open-file report 78-349)

Holum, John. *Topics and terms in environmental problems*. New York, Wiley-Interscience, 1978. 729 p. \$24.00. (LC 77-12805; ISBN 0-471-01982-8)

Larsgaard, Mary. *Map librarianship: an introduction*. May 1978. 330 p. \$17.50, U. S. and Canada; \$21.00 elsewhere. (LC 77-28821; ISBN 0-87287-182-7) Available from: Libraries Unlimited, P. O. Box 263, Littleton, Colorado 80160.

"The only current basic introduction to the practical aspects of the field for American librarians . . . provides a wealth of how-to-do-it information. It surveys existing practices, offers guidance in choosing specific procedures, and cites references to additional sources of information. Some theoretical questions are also considered and an overview of the map library profession concludes the text. Fifteen appendices contain sample map acquisition policies, directories of map publishers and issuing agencies, and other valuable data. A bibliography and index are included."

Moore, Wilfred George. *A dictionary of geography; definitions and explanations of terms used in physical geography*. New York, Harper & Row, 1978. 260 p. \$16.50. (ISBN 0-06-494934-6)

Morton, David A. *A selected partially annotated bibliography of recent (1976-1977) natural hazards publications*. \$2.00 prepaid from: Natural Hazards Research and Applications Information Center, IBS #6, University of Colorado at Boulder, Boulder 80309.

Contains 113 entries arranged by hazard, subject and author indexes and addresses and prices for ordering each entry, whenever possible. Copies of the 1975-1976 annual bibliography are also available at the same price.

Schilling, John H. *The Nevada Bureau of Mines and Geology Sample Library—an index to the drill core and cuttings in the collection*. Reno, MacKay School of Mines, University of Nevada, 1977. 8 p. \$1.00. (Nevada. Bureau of Mines and Geology. Report 30). Available from: Nevada Bureau of Mines and Geology, University of Nevada, Reno 89557.

*Who's who in science in Europe*. 3d ed. 1978. 4 vols. (over 3,500 pages). Pre-publication price: Swiss Frs. 525.00. Available from: Francis Hodgson, P. O. Box 74, Guernsey, British Isles.

*World guide to scientific associations and learned societies*. Ed. by Michael Zils. 2d ed. München, W. Germany, Verlag Dokumentation, 1978. 510 p. \$49.50 (LC 74-3676; ISBN 3-7940-1213-5) Available from: R. R. Bowker Co., 1180 Avenue of the Americas, New York, N. Y. 10036.

Lists more than 11,000 national and international associations and learned societies. Entries arranged alphabetically within countries; the latter are grouped by continent. Also includes a subject index.

## Positions Open

### **LIBRARIAN, U. S. GEOLOGICAL SURVEY LIBRARY, RESTON, VA.**

*Position Title and Grade:*

Librarian, GS-9 (\$15,090 per annum)

*Location:*

U. S. Geological Survey  
Reston, Virginia 22092

*Qualifications:*

MLS degree. Thorough knowledge of Anglo-American Cataloging Rules. Prefer applicants with some academic background in earth sciences and foreign languages. OCLC experience desirable.

*Duties:*

Functions as a specialist in cataloging of cartographic materials. Serves as one of a team of professional catalogers for a large research library in the earth sciences. Is expected to perform classification and cataloging for single maps as well as serial map publications, and analytical cataloging as required. Performs full descriptive and subject cataloging, as well as recataloging as required. Performs full descriptive and subject cataloging as well as recataloging when necessary. The U. S. Geological Survey Library produces all cataloging records through the OCLC system.

*Contact:*

Submit a completed SF-171 to and/or request further information from Mr. Bob M. Reed, Chief, Catalog Section, U. S. Geological Survey Library, National Center, Mail Stop 950, 12201 Sunrise Valley Drive, Reston, Virginia 22092. Phone: 703/860-6611; FTS 8-928-6611.

The U. S. Geological Survey is an Equal Opportunity Employer.

\*Candidates for professional library positions in the Federal Government should see that their names are placed on the appropriate Civil Service register. This may be done by filing an application (Form SF-171) with the Washington, D. C., U. S. Civil Service Commission—WAS, 1900 E Street, NW, Washington, D. C. 20415. **(This position, first advertised in the April Newsletter, is still open.)**

### **TEMPORARY PROFESSIONAL POSITION, GEOLOGY LIBRARY, UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN**

A temporary position as Visiting Research Associate will be open in the Geology Library for the period August 21, 1978, through August 20, 1979. This position may be renewed for an additional year, but it will not be renewed beyond August 20, 1980.

The Visiting Research Associate works under the general direction of the Geology Librarian and has primary responsibility for the geology map collection. Selects, classifies, catalogs, and maintains the organization and quality of the map collection. Assists with planning, developing, and organizing procedures, operations, schedules of the Library. Maintains course reserve materials, supervises student assistants, is responsible for maintaining the card catalog, and assists with reference questions. Is responsible for the operation of the Geology Library in the absence of the Librarian. The position is analogous to an "internship" in that the Library regards the position as a post M.L.S. learning experience which will encourage professional development in the successful applicant. Some night or weekend work required.

*Qualifications:* M.S. in Library Science required. An academic background in the geosciences is preferred. Salary: \$10,320 (on an annual basis).

Applicants interested in this position should contact Mr. Robert F. Delzell, Director of Personnel, 305 Main Library, University of Illinois at Urbana-Champaign, Urbana, Illinois 61801. Telephone: (217) 333-0319. Applicants should furnish a complete résumé with the names and addresses of five references.

*Closing date for applications:* July 24, 1978.

The University of Illinois is an Affirmative Action/Equal Opportunity Employer.

## New Members

Howard Cron  
Science Librarian, Science Library  
Indiana State University  
Terre Haute, Indiana 47809

Andrew Dacko  
Technical Information Specialist  
Alcoa Laboratories  
Information Department  
Alcoa Center, Pennsylvania

David D. Ginsburg  
Librarian, Park Library  
Central Michigan University  
302 South University Avenue  
Mt. Pleasant, Michigan 48859

William R. Hatton  
Science Librarian, Idaho State University Library  
Box 8247  
Pocatello, Idaho 83209

Marcello Manzoni  
Senior Scientist, National Research Council of Italy  
(CNR)  
Via Zamboni 65  
40100 Bologna, Italy  
(Temporary address 'til Sept. 1978: Department of  
Geology, University of South Carolina, Columbia 29208)

Judy Mimken  
Librarian, Geophysical Institute  
University of Alaska  
Fairbanks 99701

Olivin Opello  
Senior Reference Librarian, University of Mississippi  
University Library  
University, Mississippi 38677

M. Srinivasa Rao  
Senior Programmer, Oil and Natural Gas Commission  
Institute of Petroleum Exploration  
Kaulagara Road  
Dehra Dun-248001, India

Marilyn Stark  
Librarian, Dames and Moore  
605 Parfet Street  
Denver, Colorado 80215

Susan J. Thompson  
Map Librarian  
Indiana University Northwest, Geology Department  
3500 Broadway  
Gary, Indiana 46408

## 1978 GIS Officers

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

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

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

SECRETARY: Elizabeth Behrendt, U.S. Geological  
Survey Library, Stop 914, Box 25046 Denver Federal  
Center, Denver, Colo. 80225 (303/234-4133 (FTS and  
commercial); home 303/279-5759)

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)

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Geoscience Information Society. Subscription to the  
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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.

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