

GIS newsletter

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GIS Annual Meeting New Orleans, October 17-20, 1982

(Please note: Locations for the meetings will be noted in the October issue of the *GIS newsletter*.)

SUNDAY, OCTOBER 17

1300-1600 GIS Executive Board Meeting (1981-82 Board)

MONDAY, OCTOBER 18

0800-1015 GIS Technical Session: Geoscience Information (Vivian S. Hall, Geology Library, University of Kentucky, presiding)

0800 Rassam, G.N., GeoRef, American Geological Institute, Falls Church, VA. *Geologic and Other Hazards in the GeoRef System 1982*.

0815 Musich, Lillian F. and Freeland, Nancy A., Deep Sea Drilling Project, Scripps Institution of Oceanography, La Jolla, CA. (presentation by Musich). *Computer Storage of Paleontologic Data*.

0830 Lehr, Jay H., National Water Well Association, Worthington, OH. *National Water Well Association's Ground Water Library Is Now as Close as Your Telephone*.

0845 May, S. Kimball; Dolan, Robert; and Hayden, Bruce P., Dept. of Environmental Sciences, University of Virginia, Charlottesville. (presentation by May). *Coastal Information Systems*.

0900 Fulton, Patricia A., U.S. Geological Survey, Reston, VA. *Automated map indexing*.

0915 Roach, Margaret A., Wright State University Library, Dayton, OH. *A Computer Approach to Organization of a Medium Sized Map Collection in an Academic Library*.

0930 Fleischer, Michael, Dept. of Mineral Sciences, Smithsonian Institution, Washington, DC. *Rate of Growth of the Literature of Chemical Geology, 1946-1980, and a Peek into the Future*.

0945 Smyth, Pauline, formerly with the Ohio Division of Geological Survey, Columbus. *Preparation of a State Bibliography of Geology*.

1000 Klimley, Susan, Library, Lamont-Doherty Geological Observatory of Columbia University, Palisades, NY. *Geologic Maps in Books and Serials: A Hidden Preservation Problem*.

1200-1300 GIS Luncheon (See GSA registration form for reservation.)

1300-1600 GIS Business Meeting.

Poster Session (afternoon): Wallace, Harriet E., and Ward, Dederick C., Geology Library, University of Illinois,

Urbana-Champaign (presentation by Ward). *Catalog of Geological Publications Printed Before 1850 Held in the Library of the University of Illinois at Urbana-Champaign*.

Alumni receptions will be held at 1800-2100 Monday evening. GIS is planning to hold its cocktail party at Amoco Production Company's Jekyll and Hyde Lounge. We will furnish details later.

TUESDAY, OCTOBER 19

0830-1125 GIS Symposium: Geologic Hazards Data (Regina Brown presiding)

0830 Introduction (Regina Brown).

0835 Shearer, Clement F., Deputy Hazards Information Coordinator, U.S. Geological Survey, Reston, VA. *Geologic Hazards Data: Sources, Uses, and Abuses*.

0905 Hittelman, Allen M. and Von Hake, Carl A., National Geophysical and Solar-Terrestrial Data Center, Boulder, CO. (presentation by Von Hake). *Databases that Support Investigations of Geological Hazards*.

0935 Person, Waverly J., U.S. Geological Survey, Branch of Global Seismology, National Earthquake Information Service, Denver, CO. *The National Earthquake Information Service*.

1005-1025 Coffee break.

1025 Jennings, Marshall E., U.S. Geological Survey, Water Resources Division, Gulf Coast Hydroscience Center, NSTL Station, MS. *Flood Data Information from the U.S. Geological Survey*.

1055 Rawles, Beverly A., Administrative and Information Services, Battelle Project Management Division, Columbus, OH. *Sources of Information in Waste Management*.

(Discussions will be held within the individual time slots.)

1400-1600 GIS Executive Board Meeting (1982-83 Board).

WEDNESDAY, OCTOBER 20

1000-1130 Tour of the Historic New Orleans Collection in the French Quarter. This tour of a historic home built in the 1800's and the adjacent museum costs \$2.00 total (pay at the door). Those interested might want to get together for lunch afterwards at one of the delightful nearby restaurants. Transportation to the site can be by shuttle bus or taxicab. GIS members who would be interested in taking this tour should let Louise Seidler know, as the personnel at the Collection would like to have an idea as to how many people will be in the tour group. Louise's address: Louise M. Seidler, Supervisor, Library Information Center, Amoco Production Company, Amoco Building, P. O. Box 50879, New Orleans, LA 70150 (504/586-6572).

Golden Conference Well Attended

On May 23 through 28, 1982, the Geoscience Information Society, along with its contributing sponsors, hosted a successful Second International Conference on Geological Information with 170 delegates from sixteen countries. Those countries (by region) were Canada, U.S., Jamaica, Mexico, England, Scotland, France, Austria, Norway, Italy, Egypt, Nigeria, South Africa, Indonesia, Philippines, and Australia. The formal program was prefaced with papers dealing with major issues in the international transfer of scientific information, followed by a symposium on the problems encountered by developing countries in satisfying their own needs in geoscience information. Discussions at this symposium resulted in the creation, at the conference, of working groups on library cooperation, national resources inventory, and editing/publishing/translations. The second half of the formal program was devoted to specific aspects of geoscience information—bibliographies, digital data, maps, and publishing. GeoArchive and GeoRef offered workshops to those wanting specific instruction in the bibliographic data bases for geology.

Field trips to the U.S.G.S. Denver library and Marathon Oil's Technical Information Center preceded a full-day geology field excursion in the Front Range area of Colorado. The spirit of collegiality among the delegates was everywhere evident and paramount to the success of the conference. Social functions were elegantly arranged and the conference was capped by banquet speaker Bob Bates, who delighted us with his personal inspection of some questionable prose gleaned from geological literature over the years. (Submitted by Dederick C. Ward, Geology Librarian, University of Illinois at Urbana-Champaign.)

One of the sessions at the Second International Conference on Geological Information was "Geoscience Information for Developing Countries Problems and Prospects." As a result of discussions stimulated by that session, three working groups were set up before the end of the conference in order to deal with specific issues such as data bases, publications, and library cooperation. The working groups are:

1. *International Geoscience Library Cooperation Group.*
An immediate project is to get geoscience libraries from both the North and South to sign up for this library "twinning," i.e., matching libraries to facilitate gift programs, information exchange, etc.
2. *Working Group on Editing, Publishing, and Translating.*
An immediate project is to get a list of editors who would be willing to help authors and editors from Third World countries to get their materials into "publishable" form.
3. *Working Group on Data Bases and Inventories.*
Immediate projects are to (a) form a group of advisors to assist decision makers from the Third World in adequately assessing the need and cost for developing data bases; (b) perform a survey of Third World countries on what exists, and what potential needs there might be, as related to data

bases; and (c) develop as easy-to-use data entry form that would be the first, yet crucial step in office management of records and reports before one can even think of computerizing. These are only brief descriptions. If anyone would like more detailed information or would like to put forth other ideas about any of these areas, please contact Julian W. Green, Geological Sciences Library, Harvard University, 24 Oxford St., Cambridge, MA 02138. (Submitted by J. Green.)

ISI/GeoSciTech Provides Online, Print Access

ISI/GeoSciTech, a combination of online and print services designed for accurate, up-to-date searching of the geoscience literature, will be available from the Institute for Scientific Information in July. The new product will be obtainable in an Online Only or Print/Online Package. The ISI/GeoSciTech online data base will be available from the ISI Search Network through Telenet, Tymnet, and direct dial in the U.S. Covering the literature from 1978 to date, with updates every four weeks, it will be a search tool for performing retrospective and current awareness searches. ISI/GeoSciTech will annually index in full information from over 350 key geoscience journals and will selectively cover relevant items from more than 6,300 additional journals in the sciences, social sciences, and arts and humanities. The fields covered include: geosciences/geotechnology; petroleum science; oceanography/marine science; metallurgy/mining; mineralogy; meteorology/atmospheric science; and related disciplines. In addition to featuring such conventional search methods as author's name and affiliation, title words, cited references, journal title, year of publication, document type, and language, ISI/GeoSciTech will offer the innovative new technique of *research front speciality searching*. *Research front speciality searching* on ISI/GeoSciTech gives all the benefits of citation indexing without requiring the user to start a search with a cited author or paper. It allows the user to retrieve a highly-focused bibliography of relevant articles which cite the core papers of the speciality.

Subscribers to either ISI/GeoSciTech package will have access to the online data base. Those who choose the Print/Online Package will also receive two triannual issues and annual cumulation of the printed GeoSciTech citation index. This printed index offers the same journal coverage as the online data base and can be searched by author, author affiliation, cited reference, and title words. All ISI/GeoSciTech subscribers will receive a special free bonus in 1982—twelve monthly issues of *Current contents/GeoSciTech*. This monthly alerting service reproduces contents pages from the most recent issues of the 350 key geoscience journals. ISI/GeoSciTech magnetic tapes will also be made available in July, 1982. Containing over 300,000 items from 1978 to date, they will offer the same coverage as the ISI/GeoSciTech online data base. For further information on ISI/GeoSciTech or on the ISI Search Network, contact Gerald Francis, Institute for Scientific Information, 3501 Market St., University City Science Center, Philadelphia, PA 19104 (215/386-0100).

National Water Well Association Establishes Clearinghouse

The National Water Well Association (NWWA) has established the Ground Water Monitoring Services Clearinghouse to match companies that require a particular monitoring-related service or product with those companies which can provide the service or product. NWWA maintains computerized files of consultants who design ground water monitoring systems, drilling contractors who install monitoring wells, laboratories which analyze ground water samples, and companies which manufacture monitoring-related products such as small diameter sampling pumps and water level recording devices. The clearinghouse was specifically designed to meet the needs of industries which must comply with ground water monitoring requirements outlined in the Resource Conservation and Recovery Act and the Surface Mine Control and Reclamation Act. To use this service or obtain further information, contact Monitoring Services Clearinghouse, c/o National Water Well Association, 500 W. Wilson Bridge Rd., Worthington, OH 43085 (614/846-9355). Users will receive computer printouts of companies that meet their requirements. The fee is \$10-15 per inquiry.

WAML To Hold September '82 Meeting At UCSB Map And Imagery Laboratory

The library of the Map and Imagery Laboratory, University of California at Santa Barbara, will be the site of the September 16-17 meeting of the Western Association of Map Libraries. The registration fee is \$5.00 and the deadline for registration is August 16. There will be a banquet (cost: \$9.00) Thursday evening, September 16. Other Thursday activities are a business meeting; a presentation by Larry Carver, Head of the Map and Imagery Laboratory, *Introduction to the UCSB Map and Imagery Laboratory: Its Resources and Capabilities*; and a no-host bar at the UCSB Faculty Club.

The September 17 program will include:

Harmon Avera, Special Products Sales Representative, Western Div., Bausch and Lomb: *Information Transfer Devices for Map and Imagery Products*.

Waldo R. Tobler, Prof. of Geography, UCSB, and international authority on mathematical geography and analytic cartography: *Developments in Computer Cartography Data Bases*.

Moyle D. Stewart, Chief of Technical Information, National Cartographic Information Center, U.S. Geological Survey: *New USGS Cartographic Data Bases* with answers to questions from WAML members.

John E. Estes, Prof. of Geography, UCSB, Director of UCSB Remote Sensing Research Unit, consultant to NASA, co-editor of the *American Society of Photogrammetry manual of remote sensing: New Mapping Products Being Developed from Remote Sensing*.

Stan Stevens, Map Librarian, UC Santa Cruz, editor of *WAML information bulletin: Indexing the Fairchild Historical Air Photo Collection of California*.

Warren P. Nichols, Vice-President, Santa Barbara Research Co.: *Development and Expected Products from the Thematic Mapper of Landsat D*.

Smithsonian Institution Offers Foreign Currency Grants Program

The Smithsonian Foreign Currency Program, a national research grants program, offers opportunities for support of research in Burma, Guinea, India, and Pakistan in the following disciplines: Anthropology, archeology and related disciplines, systematic and environmental biology, astrophysics and earth sciences, and museum programs. Grants in the local currencies of the above listed countries are awarded to American institutions for the research of senior scientists. Collaborative programs involving host country institutions are welcome. Awards are determined on the basis of competitive scholarly review. The deadline for submission is November 1 annually. For further information, write the Foreign Currency Program, Office of Fellowships and Grants, Smithsonian Institution, Washington, DC 20560 or call 202/287-3321.

Trans-Antarctic Expedition Reports Available From BAS

The complete set of *Trans-Antarctic Expedition scientific reports* is now being offered free (for the price of postage) to individuals and libraries. *Reports* no. 1-5, 7-15 (no. 6 was never published) weigh six kilograms. At current postage rates this would amount to approximately £2.39 in the U.K., £8.00 for parcels sent to Europe, £11.00 to the USA, and varied prices to other countries. Applications should be sent, with the money to cover postage, to The Trans-Antarctic Association, c/o British Antarctic Survey, Madingley Road, Cambridge CB 0ET, England. Single copies of all *Reports* except no. 9 are also available on request.

News Items

GIS Secretary NANCY CROSSFIELD is the mother of a baby boy, Ian James, who arrived in June. Congratulations to the proud parents! Incidentally, all correspondence to Nancy should be directed to her home address, 913 N. Wingra Drive, Madison, WI 53715, until further notice.

ANTHEA GOTTO has been appointed Vice-President, U.S. Operations, Geosystems.

A copy of Ebenezer Emmons' *Survey of the second geological district, part 2 of Geology of New York*, is available for purchase from Diana Kamilli, 715 Coors St., Golden, CO 80401 (303/233-6307). The publication, printed in Albany, NY by White and Visscher, lacks the first cover page and three of its 15 plates, but is otherwise in good condition.

Position Open

The University of Waterloo invites applications for the position of REFERENCE AND COLLECTIONS DEVELOPMENT LIBRARIAN - ENGINEERING, MATHEMATICS AND SCIENCE LIBRARY.

Qualifications: Degree from an accredited library school and undergraduate degree in geology, earth sciences or engineering (mechanical or civil). Familiarity with on-line retrieval an asset. Canadian citizen or permanent resident of Canada.

Responsibilities: The successful applicant will be responsible for the provision of reference, information and orientation services, and for collection development and liaison with one or more academic departments.

Salary: Starting salaries range between \$19,103 and \$25,769 (effective July 1, 1982), depending on qualifications and experience.

Please send résumé, in confidence, to:

Dr. Lorraine Beattie
Assistant to the Librarian - Administration
Dana Porter Arts Library
University of Waterloo
Waterloo, Ontario N2L 3G1, Canada
(519/885-1211, telex no. 069-55259)

New Publications

(GIS members in caps)

Directory of marine science libraries and information centers. 1981 ed. \$5.00. Available from Office of the Research Librarian, Woods Hole Oceanographic Institution, Woods Hole, MA 02543. Make checks out to Woods Hole Oceanographic Institution.

Energy, exploration & exploitation. Quarterly. Vol. 1, no. 1, November 1981. Annual subscription: £35.00/US \$77.00 (including UK and world surface mail) or £37.00/US \$81.00 (including world airmail). Two-year subscriptions are £56.00/US \$123.00 (surface mail) or £60.00/US \$132.00 (air mail). Graham & Trotman Ltd., 14 Clifford St., London W1X 1RD, England.

EPR, Earthquake prediction research. Quarterly. Vol. 1, no. 1, March 1982. Annual subscription: Dfl. 70,-/US \$28.00. D. Reidel Publishing Co., P.O. Box 17, 3300 AA Dordrecht, Holland; 190 Old Derby St., Hingham, MA 02043.

Fossils quarterly. Vol. 1, no. 1, Spring 1982. Annual subscription: \$9.00. Geotech Archives Ltd., 3616 Garden Club Lane, Charlotte, NC 28210.

"Devoted to articles, news and reviews of interest to the fossil-collector, student and museum curator."

Geological bibliography of the Arabian Gulf. Compiled by Farooq A. Sharief. 1982. 127 p. price unknown. Published by King Saud University Press, P.O. Box 2455, Riyadh, Kingdom of Saudi Arabia.

"Contains more than 1200 entries published between 1855 and 1982 from governmental organizations and institutions, oil companies, and individuals. A few

unpublished reports, as well as theses, have been included." The compiler is associated with the Dept. of Geology, King Saud University.

World bibliography and index of Quaternary tephra. Supplement 1. Edited by DOROTHY B. VITALIANO. 1982. 194 p. \$18.00. (Geo Abstracts bibliography no. 9) Geo Books (Geo Abstracts Ltd.), Regency House, 34 Duke St., Norwich NR3 3AP, England.

"At a meeting of the International Commission on Tephrochronology in Birmingham, U.K. in 1977 on the occasion of the X INQUA Congress, it was decided to expand the work of the commission to include all aspects of tephra. Consequently, the name of the commission was amended to "International Commission on Tephra," and the coverage of this supplement to the first edition of the *World bibliography and index of Quaternary tephrochronology* has been broadened and the title changed to *World bibliography and index of Quaternary tephra.*"

1982 GIS Officers

PRESIDENT: Mary W. Scott, Bibliography Department, Chester Fritz Library, University of North Dakota, Grand Forks, North Dakota 58202 (701/777-4638 or 777-2617)

PAST PRESIDENT: Nancy J. Pruett, 3144 Technical Library, Sandia National Laboratories, Albuquerque, New Mexico 87185 (505/844-6430). Home: 1604 California Street, N.E., Albuquerque, NM 87110 (505/268-2946).

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

SECRETARY: Nancy L. Crossfield, Geology-Geophysics Library, University of Wisconsin-Madison, 430 Weeks Hall, Madison, Wisconsin 53706 (608/262-8956)

TREASURER: Beatrice Lukens, Earth Sciences Library, University of California, Berkeley, Berkeley, California 94720 (415/642-2997)

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 \$20.00 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, by the first of the month, one month prior to publication.

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