

GIS newsletter

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GIS Annual Meeting, Cincinnati, November 2-5, 1981

Symposium Plans

"The Future of the Journal" will be the topic for the GIS symposium at the Annual Meeting in Cincinnati November 2-5, 1981. Librarians, editors, and publishers will discuss the problems of increasing costs, increasing numbers of titles, decreasing budgets, copyright restrictions, interlibrary loan problems and other questions that cast a shadow on the future of the journal as a medium of scientific communication.

Call for Papers

What would you like to discuss at the GIS Contributed Papers Session? This is a half-day session in which we talk with one another. What are you doing that's new or different or good? Plan now to present a paper to the group. We would like to hear about your way of handling maps in your library. Maybe you have worked with a student or faculty member or researcher to prepare material on a geological subject for the layman. Come share the results with us. Maybe you are frustrated with a problem. Come share the problem and perhaps someone else can give an answer.

GIS members and others interested in presenting papers at the GIS Contributed Papers Session are invited to submit abstracts for consideration. The abstracts should be on a Geological Society of America abstract form. The form can be obtained from the Program Chairperson, Mary W. Scott, Bibliography Department, Chester Fritz Library, University of North Dakota, Grand Forks, ND 58202 (phone 701/777-2617) or GSA Headquarters, P.O. Box 9140, Boulder, CO 80301.

Information about the luncheon, workshops and field trips will appear in later issues of the *GIS newsletter*.

NOAA Publishes Thermal Springs List

Thermal springs list for the United States, compiled by George W. Berry, Paul J. Grim, and Joy A. Ikelman, was published in June 1980 by the National Geophysical and Solar-Terrestrial Data Center, Boulder, CO. It is number 12 in the National Oceanic and Atmospheric Administration's *Key to geophysical records documentation series*. The compilation of 1,702 thermal spring locations in 23 of the 50 states is arranged alphabetically by state and degrees of latitude and longitude within the state.

Copies of the 59-paged publication and accompanying maps are available free of charge from NOAA/NGSDC Datamapping Group, Code D64, 325 Broadway, Boulder 80303.

CSPG Publishes *Lexicon Of Canadian Stratigraphy*

The Canadian Society of Petroleum Geologists has issued volume one of its *Lexicon of Canadian stratigraphy*, a six-volume series containing stratigraphic units from the Precambrian to the Pleistocene. Canada has been divided into six geologic-geographic units, each represented by a volume. Volume 1, *Arctic Archipelago*, edited by R. L. Christie, A. F. Embry, and G. A. Van Dyck, was published in 1980. It contains 220 entries accompanied by bibliographical references. The 17x24 cm. publication contains 128 pages and is available for \$6.00 postpaid, soft cover; \$8.00 postpaid, hard cover. The price includes mailing costs and handling, domestic or foreign. ISBN number is 0-920230-09-01. Send money with order to the C.S.P.G.'s distributor: Stacs Record Centre Ltd., 3651 - 23rd St., N.E., Calgary, Alberta T2E 6T2, Canada.

Palaeontographical Society *Monographs Now In Microform*

EP Microform Ltd., Yorkshire, England, official agents for the micro editions of the Palaeontographical Society's publications, announces the availability of the Society's *Monographs* in microfiche or microcard. The *Monographs*, published in the annual volumes of the Society, are classics in the field of palaeontology and form the most comprehensive series of periodicals devoted to the description of fossils. They are currently available in microfiche and microcard. In the future the format will be limited to microfiche, once the present stock of microcards is exhausted. Each *Monograph* consists of between one and five microfiche/cards and costs £1.35 per silver halide fiche and 85p per diazo fiche/card. Members of the Society may have a discount of 33.3% by ordering through the Secretary. Further information and a detailed list of titles is available on request from EP Microform Ltd., East Ardsley, Wakefield WF3 2JN, Yorkshire, England.

Reminder

GIS members are reminded that 1981 dues must be paid no later than May 1. Those who are delinquent will be deleted from the mailing list. Thank you for your cooperation.

GeoRef Now Searchable On DIALOG Or ORBIT

GeoRef, the American Geological Institute's geoscience database, is available through Lockheed's DIALOG system as of February 1. The GeoRef file gives access to more than 640,000 bibliographic citations dating from 1961 to the present. Monthly updates add approximately 5,000 new references covering 29 subject areas. These include mineralogy, geochemistry, economic geology, geophysics, engineering geology, structural geology, petrology, paleontology, and areal geology.

To produce the database and its printed counterpart, the *Bibliography and index of geology*, GeoRef editors regularly scan 4000 earth-science journals, plus books, meeting papers, maps, reports, and U.S. and Canadian theses.

Call the Lockheed (800) number for more information on searching GeoRef through DIALOG. Search charges are \$65.00 per hour and 20 cents per reference printed offline. Lockheed's GeoRef user manual will be available for \$3.00 in April. GeoRef has been searchable on System Development Corporation's ORBIT system since 1974. For information on searching GeoRef through ORBIT, call the SDC (800) number. Search charges are \$95 per hour and 25 cents per reference. The GeoRef user manual for ORBIT is available for \$5.00 from SDC.

USGS To Publish First U.S. National Gazetteer

The U.S. Geological Survey, in cooperation with the U.S. Board on Geographic Names, is preparing the first *National gazetteer of the United States*. It will contain over one and one-half million place and feature names. In addition to being a primary reference tool for libraries and local, state, and federal government agencies, the gazetteer will provide uniformity in the written use of names and their applications. It will contain such information as the official name of a natural or cultural feature; the kind of place or feature named, such as a lake, river or mountain; the county in which the feature lies; geographical coordinates (with the heads and mouths of streams, canyons and valleys identified); the date the name became official, according to the U.S. Board on Geographic Names; the elevation of the place or feature, where appropriate; and the U.S. Geological Survey map or maps on which the feature may be found. The gazetteer is expected to be completed by 1982, with individual state chapters finished earlier. New Jersey, Indiana, Colorado and Kansas are targeted for completion in the next several months.

As part of its mapping program, the U.S. Geological Survey began cataloging names as early as 1892 and began producing a series of state gazetteers as an aid to finding geographic features on atlas sheets published by the USGS. Compilation began under the direction of John Wesley Powell, the second director of the Survey, and

gazetteers for twelve states, Puerto Rico, Cuba, Territory of Alaska, and Indian Territory (Oklahoma) were published between 1894 and 1906.

The USGS, in cooperation with the U.S. Board on Geographic Names, now plans to publish the *National gazetteer* on a state-by-state basis. All volumes of the gazetteer will be published as chapters of *USGS Professional paper 1200*, and each will be identified by state, name, and date. Changes, additions and corrections to entries in each state will be available through the official reports of the Board on Geographic Names. For more information on the gazetteer program, contact Donald Orth, U.S. Geological Survey, Branch of Geographic Names, 523 National Center, Reston, VA 22092 (telephone: 703/860-6331).

AGI Publishes Guidebook For GSA Rocky Mountain Section

Geology of the Black Hills, South Dakota and Wyoming, the guidebook for the April 1981 Geological Society of America's Rocky Mountain Section meeting field trips, has just been published by the American Geological Institute. Edited by Frederick J. Rich, the guidebook contains the road logs and stop descriptions for six field trips:

1. Stratigraphy and depositional environments of Lower and Upper Cretaceous strata, southern Black Hills, South Dakota.
2. Geology of the Tertiary intrusive province of the northern Black Hills, South Dakota.
3. Engineering geology of the central and northern Black Hills, South Dakota.
4. Paleozoic and Mesozoic stratigraphy of the northern Black Hills.
5. Geology of uraniumiferous conglomerates in the Nemo area, Black Hills, South Dakota.
6. Geology and paleontology of the Badlands and Pine Ridge area, South Dakota.

Also included are several special papers on some of the more interesting aspects of the local geology. The book is 222 pages in length and is available for \$20.00 from the American Geological Institute, One Skyline Place, 5205 Leesburg Pike, Falls Church, Virginia 22041.

Report On Map Discussion Group At 1980 GIS Annual Meeting

After a long day of stimulating papers, some twenty GIS librarians had the interest and the stamina to participate in a map discussion group. As people spoke in turn around the large circle, a number of concerns dominated their thoughts on maps. A recurrent problem among the librarians who maintain map collections is dissatisfaction with the level of organization in their collections and decreasing personnel to handle the collections properly. A number of librarians in institutions with centralized map collections indicated that restrictive loan policies centrally have forced local lending geology map collections to be maintained. Others were concerned about security and conservation.

As I have thought about the discussion, it seems to me that these problems are two aspects of a change that has occurred in librarianship. One is the tremendous growth of a highly professional map librarian community. This group has raised our consciousness that not only are maps important—which as geology librarians we appreciate—but also that maps deserve the full access and control that books get. Map librarians have pointed out that the book bias of traditional cataloging is inappropriate for maps and they have been effective in developing standards for cataloging cartographic materials.

And yet, just as map librarianship is coalescing into a lightly specialized form of librarianship and cataloging, for many of our institutions the ability to hire such personnel is lost. Overall reductions in clerical staff and pressing economic problems make it difficult for the branch geology librarians to accommodate these tasks within their duties. The greater sophistication of standards in map cataloging has further set maps apart from books, making the general cataloger even more reluctant to accept responsibility for accommodating maps within centralized technical services.

Given the realities of our situation, I think we still must seek alternatives. It is very important for us to maintain a dialogue with map librarians. Our concerns and limitations are very real and viable solutions are needed. I am hopeful that map librarians may be able to provide assistance in problem solving in situations quite different from their own. The recently established ALA Map and Geography Round Table appears to have an interest in maps in general libraries and may provide a forum for exchange between map librarians and geology librarians. With the widespread use of automated cataloging systems such as RLIN and OCLC, streamlined cataloging may be a possibility but as geology librarians, I feel we need more information on map cataloging in order to "sell" centralized map cataloging to technical services in our institutions. The map librarians can guide us in these areas.

Technological alternatives to paper maps are being developed and implemented with unusual speed. Microcartography and digital mapping bear close

watching as technologies that may dramatically change the way we provide maps to our users. I hope that GIS will continue to seek out and encourage librarians and researchers with experience in these areas to speak at our meetings to keep us abreast of new possibilities.

Finally, I think the discussion group format is one we should use more often and for topics other than maps as well. Hopefully we can arrange to meet earlier in the day and in smaller groups. Setting up a specific time and definite topic provides more direction than a casual dinner group and allows us to pool our considerable experiences. This discussion group made it clear that many of us are handling maps on a fairly large scale with a certain degree of success. Comparison of map collections may enable us to make modest but beneficial changes.

Building plans here at Lamont-Doherty make these changes and developments in mapping of particular interest to me. I hope to keep my ear to the ground regarding developing technology and ALA's Map and Geography Round Table and will pass along any new ideas that I think would be of interest to the GIS libraries.

Susan Klimley, Geology Librarian
Lamont-Doherty Geological Observatory
of Columbia University
Palisades, NY

Literature Citations

(GIS members in caps)

Bibliography of theses and dissertations on Idaho and North Dakota, 1968-1980. Prepared by the Rocky Mountain Association of Geologists' Titles Committee (Michael W. Hansen, Chairperson), Bibliographic Subcommittee (CHERYL L. KIRK, Subcommittee Chairperson) and Map Subcommittee (Joseph R. Lukas, Subcommittee Chairperson). *Mountain geologist*, vol. 17, no. 4, October 1980, p. 108-124.

Drake, Miriam A. The environment for special libraries in the 1980s. *Special libraries*, vol. 71, no. 12, December 1980, p. 509-518.

Edel, Betty M. and Barnett, Judith B. Marine resources information: The National Sea Grant Depository. *Special libraries*, vol. 72, no. 1, January 1981, p. 59-62.

Fleischer, Michael. Additions and corrections to the *Glossary of mineral species, 1980. The mineralogical record*, vol. 12, no. 1, January-February 1981, p. 61-63.

Kidd, Betty. Preventative conservation for map collections. *Special libraries*, vol. 71, no. 12, December 1980, p. 529-538.

Templeton, Terry R. and Spencer, Barry C. Earthquake data for Tennessee and surrounding areas (1699-1979). *Tennessee. Division of Geology. Environmental geology series* no. 8, 1980, 63 p.

News Items

GIS President, NANCY PRUETT, Librarian, UCLA Geology-Geophysics Library, will join the Technical Library, Sandia National Laboratories, Albuquerque, April 1. Her new address and telephone number will be Division 3144, Technical Library, Sandia National Laboratories, Albuquerque, NM 87185 (505/844-6430).

HOWARD A. MEYERHOFF, Geologist, Tulsa, has retired. Mr. Meyerhoff is a charter member of GIS. Best wishes to you in your retirement, Howard!

CARLTON H. STOWE, Exploration Manager, Longhorn Oil and Gas Co., Salt Lake City, has been appointed to the Board of Directors, Utah Petroleum Association. He is chairman of the Association's Public Lands Committee. Longhorn has moved its Salt Lake City office to the Prowswood Plaza, 4885 South 9th East, Suite 103, Salt Lake City, UT 84117 (phone: 801/268-8784).

MARY T. LAHAM, Account Executive, Infomart, has informed us that Infomart's address and telephone number have changed to: Suite 1400, 840 - 7th Avenue S.W., Calgary, Alberta T2P 3G2, Canada (403/233-7886).

ANTHEA P. GOTTO, Manager, North American Operations, Geosystems, can now be reached at the following business address: P.O. Box 573, Cambridge, MA 02139. The telephone number remains the same: 617/491-7190.

BETTY MAY ROBERTSON is now associated with the Exploration and Producing Division, Mobil Oil Corporation, Room 3106P, 150 E. 42 St., New York, NY 10017 (212/883-7547).

At the Western Association for Map Libraries' October 1980 meeting at the University of Utah, Salt Lake City, JAMES COOMBS and NANCY PRUETT participated in a panel discussion on handling geological map collections.

CYNTHIA V. BUREK-CUBITT has joined the staff of Earth Sciences Information, Newhaven, Church St., Holt, Clwyd, LL139JP, Wales (0829 270883).

CHARLES W. FINKL's work address has changed to: Ocean Sciences Center, Institute of Coastal Studies, Nova University at Port Everglades, Dania, FL 33004 (305/475-7488).

KENNETH T. FITZPATRICK is now employed by the Conservation Division, SCR, U.S. Geological Survey, P. O. Box 26124, Albuquerque, NM 87125 (505/766-1173).

ELOISE F. MARTINEZ reports a change in her business address: Amoco International Oil Co., Library Information Center, P. O. Box 4381, Houston, TX 77210 (913/931-2112).

All correspondence to LOUISE SEIDLER, Supervisor-Library Information Services, Amoco Production Co., should be directed to the Library Information Center, P. O. Box 59879, New Orleans, LA 70150. The telephone number has been changed to 504/586-6681.

ARLEEN N. SOMERVILLE is now associated with the Carlson Library, Hutchison Hall, University of Rochester, Rochester, NY 14627 (716/275-4488, 275-4465).

JOANNE GROENEWOLD LERUD's business address has been changed to: Marathon Oil Company, Denver Research Center, Box 269, Littleton, CO 80160 (303/794-2601).

RUTH L. KEEFER's business address is changed to: Mobil Research and Development Corporation, Field Research Laboratory, P.O. Box 900, Dallas, TX 75221 (214/333-6138).

ROBERT A. BIER, JR., formerly with the U.S. Geological Survey Library, Reston, is now associated with the USGS Library, Denver. The address is: U.S. Geological Survey, Library, Mail Stop 914, Box 25046, Federal Center, Denver, CO 80225 (303/234-4311).

New Publications

China science and technology abstracts. Bi-monthly. Vol. 1, no. 1, 1980. International Science and Technology Information Service, P.O.B. 3018, Kln. Central Post Office, Hong Kong. Subscription rate per issue: U.S. \$5.00 surface mail, U.S. \$8.00 air mail.

"The first issue of *China science and technology abstracts* contains about 500 comprehensive English abstracts from 64 reputable scientific and technical periodicals of China. The extensive research data published in the Chinese language will be available through these abstracts to scientists who cannot read the Chinese language. There are three issues in volume 1, 1980. The first two issues will include a comprehensive index of Chinese scientific literature of 1979 in addition to the current abstracts. Translations of complete articles or summaries of articles are available on special request."

Directory of world seismograph stations. Volume 1: The Americas - Part 1: United States, Canada, Bermuda. Compiled by Barbara B. Poppe, U.S. Geological Survey, with much of the Canadian data researched by Paula K. Smith. 1980. 465 p. pap. \$13.00. (SE-25). Available from World Data Center A for Solid Earth Geophysics (D61), 325 Broadway, Boulder, CO 80303.

"The directory is a compilation of detailed information about most of the seismograph stations in North America, past and present. It contains the location of seismological instruments, their technical characteristics, dates of operation, and availability of data fundamental to data exchange and to science. There are four appendices: Lists of organizations operating stations in more than one state or province, 19 response curves for commonly used instruments, alphabetic lists of station codes, and 15 pages of maps showing locations of operating U.S. stations and all Canadian stations, past and present."

Draft programmatic environmental impact statement: U.S. Lake Erie natural gas resource development. Prepared by the U.S. Army Corps of Engineers, Buffalo District, and the U.S. Environmental Protection Agency, Region V, 1980. Available to parties with a valid interest by writing to the United States Army Corps of Engineers, Department of the Army, Buffalo District Corps of Engineers, 1776 Niagara St., Buffalo, NY 14207.

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

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The *GIS newsletter* is published bi-monthly on the first of 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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