

GIS newsletter

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GIS Annual Meeting, Atlanta November 16-20, 1980

Plans

"Keeping Current with Geoscience Literature" will be the topic for the GIS Symposium at the Annual Meeting in Atlanta, November 1980. Practicing geoscientists in the fields of engineering geology, economic geology, paleontology, mineralogy and geophysics have agreed to speak on how they keep current in their fields, as well as the kinds of tools they would like to have to keep current. Practicing information specialists have agreed to discuss tools or services useful in keeping current, including computerized literature searching, continuing education publications, and the new automated *USGS Map and Chart Information System*. In addition to the "Keeping Current" Symposium, there will be a GeoRef workshop and update, the annual business meeting, a field trip and a Contributed Papers Session. More details will be forthcoming in later *GIS newsletters*.

Call for Papers

What would you like to hear discussed at the GIS sessions? Techniques for instruction in using geoscience information? New or established data bases? An analysis of data bases with geoscience information content? A discussion of the bibliographic control of particular forms of literature or organization's publications? Studies of geoscientists' use of geological literature? Novel classification schemes? Whatever it is you would like to hear, why not research the topic? If you'd like to hear it, your peers would, too!

GIS members and others interested in presenting papers at the GIS Contributed Papers Session are invited to submit abstracts for consideration. The abstracts should not exceed 250 words in length and should be submitted on a Geological Society of America abstract form. The form can be obtained from the Program Chairperson, Nancy J. Pruett, Librarian, Geology-Geophysics Library, U.C.L.A., 405 Hilgard Avenue, Los Angeles 90024 (phone: 213/825-1055) or GSA Headquarters, 3300 Penrose Place, Boulder, Colorado 80301.

All abstracts for the Contributed Papers Session must reach GSA Headquarters by June 1, 1980. One copy should be sent to Ms. Pruett. Abstracts will be reviewed by a panel of GIS members and notification of acceptance or rejection will be made no later than early August.

AGI Publishes Bibliography On USSR Mineral Resources

The American Geological Institute has just published *Mineral and energy resources of the USSR: a selected bibliography of sources in English*. The book contains over 1400 references, in over 200 categories, from volumes 1-18 of *International geology review* and other English sources. It is indexed geographically and by author and includes an index map. The bibliography was compiled by Dr. Eugene A. Alexandrov, an economic geologist with the Department of Earth and Environmental Science of Queens College (CUNY). He has been an active member in committees of AGI since the beginning of the Translations Program in 1959. The book is 91 pages in length and is available for \$10.00 (\$5 to current *International geology review* subscribers) from the American Geological Institute, One Skyline Place, 5205 Leesburg Pike, Falls Church, Virginia 22041.

DOE Issues 44 Reports On Uranium Investigations

U.S. Department of Energy's Grand Junction, Colorado, Office has issued forty-four reports resulting from investigations carried out by the U.S. Atomic Energy Commission (AEC) during the 1950s and 1960s. The reports cover areas in Colorado, New Mexico, North and South Dakota, Texas, and Wyoming. DOE is issuing the publications, which are *available on microfiche only*, to aid the public in evaluating areas which may be favorable for the occurrence of uranium. A list of the reports is available from the Bendix Field Engineering Corporation Technical Library, P.O. Box 1569, Grand Junction 81502.

GIS Executive Board Proposes Dues Increase

The Executive Board of GIS proposes an increase in annual dues for individual membership in GIS from \$12 to \$15. This is the first increase proposed in five years. Printing costs for the *Proceedings* volume have increased steeply in the last two years, and miscellaneous costs for postage, duplicating, etc. have also risen sharply. In order to support the ongoing business of the Society and future projects, such as the proposed thesis and syllabus publications, the Board feels that the dues should be raised.

This proposal will be discussed at the GIS Business Meeting in Atlanta, November 1980. Dues increases must be approved by a majority of the membership at the Annual Meeting.

GIS Exhibits Committee Requests Photos For Atlanta

GIS' Exhibits Committee will be collecting pictures (8½ × 11 or larger) that illustrate the geoscience information process at work for the booth in Atlanta this November. The Committee plans to integrate these pictures into a display showing geologists what GIS members are doing for them and why they should be interested in their activities. The exhibit should show a diverse range of information activities in a variety of settings. Activity examples may be data base production and searching, microforms, publication, maps, computer graphics, etc. Emphasis is on the geologist user, so most of the pictures should be "well-peopled."

If anyone has a picture (35mm slide or an 8½ × 11 or larger print) that can be borrowed for reproduction or donated, please send to:

Dederick C. Ward, Chair
GIS Exhibits Committee
204 Geology Building
University of Colorado at Boulder
Boulder 80309

Suggestions to improve the theme or the physical appearance of the booth are always welcome. Other Committee members are Jean Eaglesfield (Lindgren Library, MIT, Cambridge 02139) and Hart Phinney (Arthur Lakes Library, Colorado School of Mines, Golden 80401).

Allerton Press Issues New Translation Series

Allerton Press has initiated a new series *Soviet seismological research*, cover-to-cover English translations of the official serial publications of the O. Yu. Shmidt Institute of the Physics of the Earth, USSR Academy of Sciences. The Shmidt Institute is an eminent Soviet institute concerned with the fundamental problems of the formation, evolution and structure of the earth and processes occurring mainly in its crust and upper mantle. The translation series begins with volume 11 (1978) of *Computational seismology: earthquake prediction and the structure of the earth (Vychislitel'naya seismologiya: voprosy prognoza zemletryaseni i stroeniya zemli)* and *Seismic instruments (Seismicheskiye pribory)*. The price for a volume of *Computational seismology* is \$30.00 and *Seismic instruments*, \$37.50. Prices are somewhat higher outside the U.S. and Canada. The cost of the 1979 and 1980 volumes has not yet been determined. Further information about the series is available from Edward M. Michael, Marketing Director, Allerton Press, Inc., 150 Fifth Avenue, New York, New York 10011.

UI Honors George White For Library Contributions

On November 16, 1979 the staff of the Department of Geology at the University of Illinois at Urbana-Champaign held a luncheon at the Levis Faculty Center to honor Dr. George White, Professor Emeritus and former Head, and to present a bronze plaque for his many years of interest in and assistance to the University Library and to the Geology Library. Invited guests included Dr. and Mrs. White, the academic and non-academic staff, current and retired University administrators, Dr. Robert B. Downs, retired Director of the Library, Harriet E. Wallace, retired Geology Librarian, and former staff members and advisees who had and do work closely with Dr. White. The bronze plaque has been installed on the wall just outside the Geology Library and reads, "Dedicated to GEORGE W. WHITE in recognition of over thirty years of inspired leadership in the creation of this GEOLOGY LIBRARY, presented by the Department of Geology, November 16, 1979."

As has been his custom, Dr. White works closely with the Rare Book Librarian and the head of the Acquisition unit of the Library as well as the staff of the Geology Library, advising on the valuation of older literature, recommending valuable and outstanding publications for purchase. Through his many contacts and acquaintance with rare book dealers in the United States and Europe, he has been able to help the Library to obtain unusual items and to build an outstanding collection for the history of science, especially geology. His personal collection in that area has been very extensive. He encourages staff members to recommend for purchase literature of importance in their areas of expertise, thereby creating a close working relationship between the Department of Geology and the Library. In addition he continues active in field work and scientific research in his particular area of interest, glacial geology, and presents the results in papers before meetings and in various publications.

Idaho Bureau Of Mines Reorganizes Publications

The Idaho Bureau of Mines and Geology has reorganized the kinds of publications it produces. In the future, IBMG will publish all formal research as *Bulletins*, *Information circulars*, and *Maps*. Preliminary data will be released in *Open-file reports*. IBMG will also continue with its newsletter *Gem State geological review*, which reports on the Bureau's activities and on the news of geology and mineral resources in the state.

The reorganization discontinues six series: *County reports*, ending with no. 6; *Pamphlets*, ending with no. 167; *Mineral resources reports*, ending with no. 11; *Special reports*, ending with no. 3; *Miscellaneous reports*; and the *Earth science series*. IBMG will continue with its diverse research on the subjects within these categories, but studies that would have normally appeared under them will now be published only as *Bulletins*, *Information circulars*, or *Maps*.

GIS Members In The News

ARLEEN SOMERVILLE is currently Acting Assistant Director for Reader Services, Rush Rhees Library, University of Rochester.

CYNTHIA V. BUREK-CUBITT, formerly Head of the Geology Library, Heroy Geological Laboratory, Syracuse University, is now associated with Poroperm Laboratories Ltd., Chester, England.

JULIE BICHTLER, Associate Professor, Graduate School of Library Science, University of Texas at Austin, is a candidate for Division Cabinet Chairman-Elect, Special Libraries Association.

ELIZABETH WATSON, Research Geologist, Minerals Exploration Company, Los Angeles, and EDWARD THATCHER, Map Librarian, University of Oregon, Eugene, have retired. Best wishes and happy retirement to you both!

CARLTON H. STOWE, formerly Chief of the Utah Geological and Mineral Survey's Information Office and Public Relations Department, has been named Rocky Mountain Exploration Manager, Longhorn Oil and Gas Company, Inc., Salt Lake City. Longhorn Oil and Gas has headquarters in Oklahoma City. It is "engaged principally in the business of drilling, exploration, development and operation of oil and gas properties. The company organizes, manages and participates in joint ventures with other oil and gas operators, acquires and disposes of oil and gas leaseholds, and sells gas and oil discovered and produced. It is active in Oklahoma, Texas, and Louisiana."

JOANNE V. GROENEWOLD has accepted a position with Marathon Oil Company, Littleton, Colorado.

Literature Citations

(GIS members in caps)

Catalogue of CANMET publications 1977 / 78. *Canada Centre for Mineral and Energy Technology. CANMET report 78-18*, June 1979, 71 p.

Catalogue of earthquakes in southern Africa and surrounding oceans for 1976. Compiled by L.M. Fernández and P.G.A. Labuschagne. *Republic of South Africa. Geological Survey. Seismologic series 8*, 1979, 29 p.

Denton, R.C. et al. National Information Service for Earthquake Engineering, *Earthquake information bulletin*, vol. 11, no. 4, July-August 1979, p. 141-142.

Griffith, Belver C. Science literature—how faulty a mirror of science? *Aslib proceedings*, vol. 31, no. 8, August 1979, p. 381-391.

Haines, Michael. Company correspondence: an important information resource. *Aslib proceedings*, vol. 31, no. 8, August 1979, p. 401-441.

The former Head of the Data Retrieval Unit, Charter Consolidated Ltd., a mining company in the United Kingdom, discusses the company's correspondence filing scheme.

International Seismological Centre. *Earthquake information bulletin*, vol. 11, no. 5, September-October 1979, p. 165-169.

Judy, Joseph R. and Todeschini, Claudio. INIS and AGRIS: their use and potential in developing countries. *International Atomic Energy Agency. Bulletin*, vol. 21, nos. 2/3, 1979, p. 41-54.

The International Nuclear Information System (INIS) and the International Information System for the Agricultural Sciences and Technology (AGRIS) are unique in that they are both organized and operated in a decentralized manner. IAEA and the Food and Agriculture Organization of the United Nations are responsible for the general administration and centralized data processing for INIS and AGRIS. "The member countries in each system have the responsibility for identifying, cataloguing, indexing and inputting records for the documents published within their borders. Member countries also have the responsibility for providing specialized output services from the systems for the users within their borders."

Kupsch, W.O. Annotated bibliography of Saskatchewan geology (1970-1976 inclusive). *Saskatchewan. Geological Survey. Report 9, supplement*, 1979, 140 p.

Lamar, J.E. and Bradbury, J.C. Industrial minerals publications of the Illinois State Geological Survey through December 1978. *Illinois State Geological Survey. Illinois minerals note 69*, January 1979, 13 p.

Lester, Ray. Why educate the library user? *Aslib proceedings*, vol. 31, no. 8, August 1979, p. 366-380.

Michael, Mary Jane. Mine Reclamation Center. *Fieldnotes from the State of Arizona, Bureau of Geology and Mineral Technology*, vol. 9, no. 3, September 1979, p. 8-9.

MISSAN, HARJIT S. MODS: Mineral Occurrence Data System in Report of activities for 1978, *Newfoundland and Labrador. Mineral Development Division. Report of activities no. 79-1*, 1979, p. 182-196.

Rogers, Garry C. and Riddihough, Robin P. Earthquake studies on Canada's west coast: Pacific Geoscience Centre. *Earthquake information bulletin*, vol. 11, no. 5, September-October 1979, p. 175-179.

Wesley-Tanasković, Ines. International science information: trends and prospects, *Unesco journal of information science, librarianship and archives administration*, vol. 1, no. 2, April-June 1979, p. 104-111.

New Publications

Cobb, E.H. Alaskan papers and abstracts published by the Geological Society of America, 1890-1978, indexed by quadrangle. 1979. 206 p. Microfiche \$3.50; paper copy \$26.75. (*U.S. Geological Survey. Open-file report 79-1640*).

Embrey, P. *New mineral names 1892-1976*. Fair Lawn, N.J., Oxford University Press, March 1980. 432 p. \$59.00. (ISBN 0-19-858501-2).

Garfield, Eugene. *Citation indexing: its theory and application in science, technology, and humanities*. New York, Wiley-Interscience, 1979. 274 p. \$15.95. (Information sciences series). Reviewed in *Science*, vol. 207, no. 4434, February 29, 1980, p. 972.

International journal of coal geology. Vol. 1, 1980 (four issues). Amsterdam, Elsevier. Subscription: U.S. \$82.50 (Dfl. 161.00) includes postage.

Scientific and technical, spatial, and bibliographic data bases of the U.S. Geological Survey, 1979. Compiled by the Office of the Data Base Administrator. *U.S. Geological Survey. Circular 817*. 1980. Free upon application to Branch of Distribution, U.S. Geological Survey, 1200 South Eads Street, Arlington, Va. 22202.

This publication is the result of a comprehensive inventory of USGS machine-readable data bases either currently in operation or under development. The inventory "will be updated periodically and will ultimately be made available by means of an interactive storage and retrieval computer system for browsing, querying, searching, and analysis. It will also provide a foundation for the development of a *Data element dictionary*." *The Circular* indexes the data bases by acronym, contact person, geographic coverage, keywords, and name of data base.

About Serials

Effective with volume 15, January 1980, the *Geological journal* will be published by John Wiley and Sons Ltd., Chichester, U.K. Its previous publisher was Seel House Press Ltd., Liverpool.

The new cumulative index to the *Journal of paleontology* is now available. *Index of the Journal of paleontology for volumes 26-50 (1952-1976)* was compiled by Richard and Mary Ann Hoare. The publication serves as a companion to the older cumulative index for volumes 1-25 (1927-1951) published in 1961 as the Society of Economic Paleontologists and Mineralogists' *Special publication* no. 8. The *Index* is priced at \$21.95 (clothbound), \$10.95 (paperbound). It is available from Popular Press, Bowling Green State University, Bowling Green, Ohio 43403.

The American Association of Petroleum Geologists has initiated a bimonthly newsletter for its members. The *AAPG explorer's* first issue, dated September 1979, has an attractive 11½ x 15½ inch newspaper format. The

Explorer's short publication lead time makes it possible for it to carry much of the information previously appearing in the *AAPG bulletin*, e.g., lists of new members, the section "At Home and Abroad," parts of the "Association Round Table," the "Bulletin Board," etc. It will also carry reports of conferences, continuing education news, scientific news items and comments, and a "Readers' Forum." The *AAPG explorer* is available to nonmembers at an annual subscription rate of \$10.00. The publisher is the American Association of Petroleum Geologists, P.O. Box 979, Tulsa, Oklahoma 74101.

New Members

Robert Heidlage
Head, Geology Library
University of Missouri
201 Geology Building
Columbia 65211

Lois Heiser
Acting Head, Geology Library
Indiana University
411 E. University
Bloomington 47401

Edward C. Jestes
Librarian, Physical Sciences Library
University of California, Davis
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Alicia Prata
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Louise M. Seidler
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Amoco Production Company
Central Library
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Department of Geology and Geography
Long Island University
C.W. Post College
Brookville, New York 11548

MaryAnn Whitney
Standard Oil Company of California Library
Room 1410
225 Bush Street
San Francisco 94104

Position Open

Position Title:

HEAD LIBRARIAN AND BIBLIOGRAPHER, EARTH SCIENCES LIBRARY

The Branner Earth Sciences Library is a major research branch currently staffed by a total of three and one-half F.T.E. The collection is over 64,000 volumes and includes a large map collection. The Branner Earth Sciences Library provides service primarily to faculty and students of the School of Earth Sciences. The School consists of four departments: Applied Earth Sciences, Geology, Geophysics and Petroleum Engineering with two major programs in Economic Geology, Petroleum Exploration.

Salary Range:

\$16,500 - \$19,500 (1979-80 scale)

Classification:

Librarian (Appointment in the Associate Librarian rank may be possible for candidates not meeting all of the qualifications.)

Appointment Date:

As soon as possible.

Closing Date for Applications:

April 21, 1980

Responsible to:

Chief of the Science Department with respect to library services and management and to the Assistant Director for Collection Development for formation and development of collections.

Responsible for:

As Head Librarian, responsible for directing the program of service and collection development in the Earth Sciences Library.

Defines goals, sets policies and makes plans for the Earth Sciences Library within the framework of the University Libraries policies and the needs of the Earth Scientists and subject to the approval of the Chief of the Science Department.

Keeps abreast of current literature in the Earth Sciences. Must also be aware of developments in library service and information science.

Maintains ongoing contact with faculty and students in the School of Earth Sciences to ensure that library service meets their needs.

Consults with staff in developing library policies and procedures and maintains open channels on communication through staff meetings, individual conferences, etc.

Organizes and allocates resources (personnel, physical space and budgetary) to achieve goals and conform to policies and directs the work of the support staff of the library.

Analyzes library activities and reports to the Chief of the Science Department on the accomplishments and needs of the library by preparing an Annual Budget

Request and Annual Activities Report, and by providing special surveys, reports or studies as required by library administrative policies and needs.

Provides graduate and research reference service in the Earth Sciences to the faculty and students of Stanford, utilizing automated data bases as well as more traditional bibliographic resources and trains library assistants to provide ready reference service to the same clientele.

Develops and manages library collections to support the academic programs at the School of Earth Sciences, revises collection development policy statements for appropriate subjects, and coordinates collection development with library units in related fields. Serves as a member of the Collection Development Council. May be called upon to coordinate interdisciplinary collection efforts within the Science Department.

May supervise or work in additional research branches as necessary.

Serves on University and Library committees as appropriate.

Required is an MLS from an ALA-accredited library school or the demonstrated equivalent in training or experience in bibliographic theory, organization and practice which will enable the candidate to carry out the responsibilities of the position.

Academic preparation equivalent to a BS in one of the physical sciences or the demonstrated equivalent in experience. Preference will be given to candidates with an earth science background.

Effective supervisory and administrative competence is required, as is the ability to contribute actively to the planning - execution of new and improved resources and services for a graduate research library clientele.

Knowledge of collection development principles and practices is required.

Three to five years public service experience at a level of significant managerial or administrative responsibility is required for appointment at the Librarian's level.

Hands-on experience with automated data and reference activities will weigh heavily in favor of the candidate.

Bibliographic proficiency in German or French is highly desirable.

Willingness and ability to implement principles of affirmative action is required.

Applicants should supply, with their first letter, a complete statement of their qualifications, a full résumé of their education and relevant experience, as well as three names of references who are knowledgeable of their qualifications for this position. Letters and documents should be addressed to:

Elsi H. Maure
Library Personnel Officer
Stanford University Libraries
Stanford, California 94305

1980 GIS Officers

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

PAST 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)

VICE-PRESIDENT and PRESIDENT-ELECT: Nancy J. Pruett, UCLA Geology-Geophysics Library, 405 Hilgard Avenue, Los Angeles, California 90024 (213/825-1055)

SECRETARY: Caryl L. Shields, U.S. Geological Survey Library, Mail stop 914, Denver Federal Center, Box 25046, Denver, Colorado 80225 (FTS: 234-4133; commercial: 303/234-4133). *Please send mail to home address: 510 22nd Street, Boulder, Colorado 80302.*

TREASURER: Marie Dvorzak, Winchell Library of Geology, 204 Pillsbury Hall, 310 Pillsbury Drive, S.E., University of Minnesota, Minneapolis 55455 (612/373-4052)

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
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