



GEOSCIENCE INFORMATION SOCIETY

newsletter

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TABLE OF CONTENTS

Special Features

Geoscience Information Society Meeting: Agenda and Notes	3
Special Libraries Association Meeting: Reports	6

Departments

From the Editors	1
New Members	5
Members in the News	5
Job Announcements	7
Announcements	8
The Information Exchange	9
Forthcoming Meetings	9
Publications	10
Instructions for Contributors	11

FROM THE EDITORS

With this issue we bring you news about meetings past and future:

— The Geoscience Information Society meeting in Orlando, October 27-31: This issue includes the preliminary agenda, descriptions of the Research Libraries Group Conspectus Discussion Group and of the two GeoRef workshops, and other news and notes. The October Newsletter will have the final meeting agenda.

— The Special Library Association meeting in Winnipeg, June 8-11: This issue includes notes and reports from the business meetings of the Geography and Map Division and the Petroleum and Energy Resources Division.

There are also new books, new maps, a new database, two job announcements, and a new feature— The Information Exchange, where members can swap questions and answers.

As always, our thanks to everyone who contributed to this issue, and our thanks for your comments. Have an enjoyable summer!

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GIS members are encouraged to contribute articles or news of general interest to the membership. Please send any manuscripts to the Chairperson of the Editorial Board. All other items, such as citations, letters to the editor, job announcements, publication notices, and general news should be sent to the Newsletter Editor.

Material for the October Newsletter should be received by the Editors no later than September 10, 1985.

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.

GEOSCIENCE INFORMATION SOCIETY MEETING
ORLANDO, FLORIDA, OCTOBER 27-31, 1985

AGENDA

SUNDAY, October 27

2:00 pm - 5:00 pm — 1985 GIS Executive Board Meeting

MONDAY, October 28

8:30 am - 12:00 n — GIS/AGI Workshop: Advanced GeoRef Users Roundtable

2:00 pm - 3:00 pm — GIS Technical Session

6:00 pm - 9:00 pm — Cocktail Reception

TUESDAY, October 29

8:30 am - 11:30 am — GIS Business Meeting

12:00 n - 1:30 pm — Luncheon: Guest Speaker, Anthony R. Berger, Editor Episodes (IUGS)

1:30 pm - 5:30 pm — Symposium: Minis, Micros and Geoscience Information

WEDNESDAY, October 30

8:30 am - 12:30 pm — GeoRef Users Group Meeting

1:30 pm - 3:30 pm — Research Libraries Group Conspectus Discussion Group

(We are also trying to organize a field trip for Wednesday)

THURSDAY, October 31

8:00 am - 12:30 pm — Poster Session: Library Fund Raising

1:00 pm - 3:00 pm — 1986 Executive Board Meeting

RESEARCH LIBRARIES GROUP GEOLOGY
CONFIGURATION PROJECT

A report on the preliminary results of a project of the Research Libraries Group (RLG) Geology Configuration will be given at the GIS Annual Meeting in Orlando, October 30.

This study, undertaken by 7 RLG geology libraries, seeks to understand the distribution of the geology literature in major research collections as a means to cooperative collection development.

Adjustments to the RLG conspectus will also be discussed.

Participants in the Configuration Project and others interested in the RLG Geology Conspectus are welcome to attend.

Convener: Susan Klimley, Lamont-Doherty Geological Observatory, Columbia University

TWO GEOREF WORKSHOPS PLANNED FOR THE
ORLANDO MEETING

GIS and AGI are sponsoring two GeoRef workshops at the GSA/GIS annual meeting in Orlando. Experienced searchers (intermediate and advanced) are invited to attend the "GeoRef Round-Table for

Advanced Users" on Monday, October 28, from 8:30 am to 12 noon. This free seminar will provide the opportunity to refine search techniques, share ideas, and see a demonstration of a "front-end" system (a software package that simplifies bibliographic searching). Panelists MaryAnn Whitney, Chevron Exploration and Production Library; Marilyn Stark, Colorado School of Mines Library; and G. N. Rassam, GeoRef, will present techniques for searching the petroleum literature; finding maps in the database and searching by coordinates; limiting searches to English-language documents; eliminating abstracts; and retrieving monographic references without getting citations to individual chapters or sections.

A discussion period will allow time for search-technique questions from the floor, and for sharing ideas and techniques for training end users, introducing GeoRef searching to students, and using microcomputers. A demonstration using a "front-end" system to search GeoRef on a microcomputer will conclude the session. Anyone who wishes to submit sample search questions for discussion at this seminar should send them in advance to Miriam Sheaves.

Beginning searchers are invited to attend the GeoRef Workshop on Thursday, October 31, from 8:30 am to 12 noon. This free workshop will provide basic information for beginning searchers. Presentations, made by G. N. Rassam, GeoRef; Barbara Pearson, Exxon Production Research Company; and Jim O'Donnell, Trinity University, will include the following: what the GeoRef database is and what literature it covers; Boolean logic; search commands, search strategies, and sample searches; and use of the GeoRef Thesaurus and other GeoRef user aids. A demonstration of a software package that simplifies bibliographic searching on a microcomputer (a "front-end" system) will conclude the workshop.

If you search GeoRef or want to learn to search GeoRef, please plan to attend one of these sessions. There is no preregistration or charge for either workshop. For more information, contact:

Julie Jackson
American Geological Institute
4220 King Street
Alexandria, VA 22302
(800) 336-4764 (outside Virginia)
(703) 379-2480 (in Virginia)

Miriam Sheaves
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Chapel Hill, NC 27514
(919) 962-2386

CALL FOR VOLUNTEERS FOR THE GIS EXHIBIT BOOTH

We need people to man the booth at the Orlando meeting and we need pictures, graphics, etc. of topics related to geoscience and(or) geoscience information—libraries, field trips, etc.

If you can help or if you have any ideas, contact:

John D. Crissinger
Ambassador College Library
P. O. Box 111
Big Sandy, TX 75755
(214) 636-4311

GIS MEMBERSHIP DIRECTORY

A few copies of the new *GIS Membership Directory* are still available. Price: \$7.50, including postage and handling.

Order from:

Publications Manager
Geoscience Information Society
c/o American Geological Institute
4220 King Street
Alexandria, VA 22302

GIS BEST PAPER AWARD FOR 1985—
CALL FOR NOMINATIONS

This year the GIS Committee for the Best Paper Award will consider nominations for the first GIS Best Paper Award, to be given to the paper considered to be the most significant contribution to the field of geoscience information published during 1984. The criteria for the award are:

- The paper should be a significant contribution to the field of geoscience information
- The paper should show originality, creativity, and provide new insights, methods or applications
- The paper should be scholarly, and show evidence of thorough research, up-to-date documentation and critical evaluation

- The paper should be clearly written, well organized and communicate its message effectively
- The paper should demonstrate the professional competence of the author(s).

Send your nomination(s) for the 1985 GIS Best Paper Award (for papers published in 1984) to Rosalind Walcott, chairperson of the GIS Committee for the Best Paper Award, before September 1, 1985. Please include a copy of the nominated paper(s).

Rosalind Walcott
Earth and Space Sciences Library
SUNY at Stony Brook
Stony Brook, NY 11794-2199

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Denver, CO 80204

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12109 Lake Carroll Drive
Tampa, FL 33618

... AND INSTITUTIONS

Attn: Carolyn Woodley
Mississippi Bureau of Geology
P. O. Box 5348
Jackson, MS 39216

MEMBERS IN THE NEWS

DANA L. ROTH, Head of the Science and Engineering Libraries at Caltech, wrote an article published in the February 1985 issue of *Database*, "The role of subject expertise in searching the chemical literature... and pitfalls that await the inexperienced searcher."

In May, ARLEEN N. SOMERVILLE, Head of the Science and Engineering Libraries at the University of Rochester, was one of seven University staff members to receive the first Distinguished Service Award for outstanding job performance and contributions to the University.

SPECIAL LIBRARIES ASSOCIATION MEETING,
WINNIPEG, MANITOBA, JUNE 8-11, 1985

NOTES FROM THE GEOGRAPHY AND MAP
DIVISION BUSINESS MEETING

Bob Sperling of the New York Public Library is the new Chair-Elect of the Division.

Bill Meneeley reported that the Cataloging committee is working on an annotated bibliography of map cataloging. About 300 items have been identified. Work has ceased on preparing a list of coordinates of U.S. counties; the information will be available from the BGN.

HelenJane Armstrong and Kathleen Eisenbeis gave the CUAC report. They suggested that anyone not receiving the GPO Administrative Notes, which includes information about the USGS-GPO depository program, could write the Superintendent of Documents and ask to be put on the mailing list. An 11-year compendium of USGS publications (1971-1981) will be available in 1986. Jim Minton will be replacing HelenJane as the Division's representative to CUAC.

The liaisons to ACSM, ALA MAGERT, NACIS, IFLA Geography and Map Libraries Section, and other groups reported. The IFLA Section is preparing a manual of examples for ISBD for maps. A subcommittee of ACML, the Canadian Committee on Bibliographic Control of Cartographic Materials, is looking at cataloging rules and discrepancies between the manual and AACR2.

The Education Committee announced that guidelines for map workshops are being studied. The Committee will compile a syllabus for library school classes on map librarianship.

John Schroeder, head of cataloging at the Library of Congress Geography and Map Division, gave a report on the activities of that Division.

Donald Fasadell, the Superintendent of Documents, attended the Tuesday business meeting. He gave a brief back-

ground of current activities and expressed an interest in listening to comments by the Division members.

A separate fund was established to publicize and fund publications in the Special Publications series in order to make the series self-sustaining. Income from sales will be put into the fund so that new titles can be published as they are approved, without asking for special loans.

Dave McQuinlan announced that Anita Oser was the new President of the Map Online Users Group.

The fourth edition of the Directory of Map Libraries has been published.

from: Dorothy McGarry, GIS representative to the SLA Geography and Map Division.

REPORT FROM THE PETROLEUM AND ENERGY
RESOURCES DIVISION

The Petroleum and Energy Resources Division sponsored or co-sponsored sessions on:

- The Petroleum Bibliography (a round table)
- Evaluation of Library Services
- Records Managements in Energy Libraries (a round table)
- Impact of the Electronic Office in the Library Environment
- Online Searching (a round table)
- Geographic and Cartography Information in Canada
- The Stereotype and Other Professional Problems

Marilyn Stark and Marriott Smart are the co-editors of the Petroleum Bibliography. So far it is on schedule and is expected to be completed by December 31, 1985. Currently, the Division is intending to have SLA publish and market the bibliography.

from: Ann Coppin, GIS representative to the SLA Petroleum and Energy Resources Division

JOB ANNOUNCEMENTS

HEAD, GEOLOGY-GEOPHYSICS LIBRARY, UNIVERSITY OF CALIFORNIA, LOS ANGELES

The Geology-Geophysics Library is one of four public service units which, together with cataloging and ILL services, comprise the Physical Sciences and Technology Libraries administrative unit. Duties include managing library operations, establishing policies and procedures, and collection development and control with the advice of the faculty. Provide reference services and bibliographic instruction programs. Plan effective use of space and staff resources. Prepare budget requests and monitor expenditures. May be invited to teach in the UCLA Graduate School of Library and Information Science. Candidates should have two years of increasingly responsible and successful academic or special library experience in public services. Self-motivated with strong potential for leadership. Experience with online information services desired. Experience in organizing and providing access to maps desired. Subject specialization in the physical sciences, preferably geology, or working experience with a science/technology collection desired. Salary range is \$21,024-\$36,996. Anyone wishing to be considered for this position should write to: Rita A. Scherrei, Director, Administrative Systems and Personnel Services, University Research Library, UCLA, 405 Hilgard Avenue, Los Angeles, CA 90024. The application letter should include a complete statement of qualifications, a full resume of education and relevant experience, and the names of at least three persons who are knowledgeable about the applicant's qualifications for the position. Candidates replying by October 1, 1985 will be given first consideration. UCLA is an equal opportunity/affirmative action employer. Librarians at UCLA are represented by an exclusive bargaining agent, the American Federation of Teachers (AFT).

CALTECH GEOLOGY AND PLANETARY SERVICES LIBRARY

The California Institute of Technology has an opportunity available involving responsibility for the management and operation of the Geology and Planetary Services Library, under the general supervision of the Head, Science and Engineering Libraries.

Will develop, manage and maintain services and collections (including a map collection) and will select and acquire library material in consultation with faculty. Will also provide reference services including online data base searching, assist in the implementation of automated library operations and supervise clerical staff.

Requires Masters degree in Library Sciences and a minimum of 2 years professional library experience or an equivalent background in geology. Educational background in geology preferred. Must be skilled in collection development, data base searching and reference work. Starting salary low to mid 20's depending on qualifications.

Send resume to:

Glenn L. Brudvig
Director of Information Resources
Millikan Library
Caltech
Pasadena, CA 91125

ANNOUNCEMENTS

MAPS IN NTIS DOCUMENTS

Most maps come in as part of a technical report, either in a packet or as a fold-out sheet. In order to obtain the map, one would need to purchase the report.

Individual maps, not part of a technical report, usually are maintained as paper copy shelf stock. When the stock is depleted, they may or may not be available in microfiche or blow-back copy, depending upon their legibility after filming.

Microfiche is black and white, so a blow-back copy from microfiche will be black and white. Although it is possible to film in color, we seldom do this.

Microfiche filming is done in frames of standard report size, so the blow-back of a map comes out in several pages. You would need to tape these together to reconstruct a map whose original size is larger than this. Also, much of the detail of shading and very fine print is lost when a map is photo reduced to microfiche and then blown back to paper copy.

Maps which are indexed by NTIS are listed in the NTIS Bibliographic Database and can be retrieved by using the descriptor 'MAP.' However, not all reports in the NTIS collection are indexed by NTIS. Those received from the Defense Technical Information Center (DTIC), NASA, and the Department of Energy, Office of Scientific and Technical Information, are indexed by those agencies.

from: *Newsline (NTIS)*, no. 21,
Spring 1985.

DIRECTORY OF PALEONTOLOGISTS OF THE WORLD TO BE PUBLISHED IN 1989

The International Palaeontological Association (IPA) is planning to prepare and publish the 5th edition of

the *Directory of Paleontologists of the World* in time for distribution at the 27th International Geological Congress, Washington, D. C., 1989.

Formal notification and timings will be issued in 1986; requests for information from individual paleontologists and paleontological associations will be distributed throughout 1987 and 1988 with a deadline for receipt of data of December 1988. Computerization of data will proceed through 1988 with final preparation of text and publication during 1989.

The *Directory* is intended to provide the most complete listing possible of all active paleontologists in the world. We expect to obtain data from paleontological societies and organizations of all kinds as well as from individual paleontologists. Paleontological groups and individuals who are not members of IPA or who do not regularly receive the journal or newsletter should contact the *Directory* editor or IPA Secretary during 1987-88 to insure inclusion in the *Directory*. Suggestions and advice from all interested parties are welcome.

Copies of the 4th edition of the *Directory* are still available from R. E. Grant (same address as Rex A. Doescher, below) for US \$7 (to individual members of national paleontological societies or sections) or US \$10 (all others).

Rex A. Doescher, *Directory* Editor
Department of Paleobiology
E-207 Museum of Natural History
Smithsonian Institution
Washington, D. C. 20560

William A. Oliver, Jr., Secretary-
General, IPA
U.S. Geological Survey
E-305 Natural History
Smithsonian Institution
Washington, D. C. 20560

EASYNET—A NEW ONLINE SEARCHING TOOL

EasyNet is an all-in-one online information access service allowing public access searching to over 600 bibliographic, full-text, and numeric databases from eight vendors—including BRS, DataTimes, DIALOG, NewsNet, Pergamon/Infoline, Questel, SDC, and VU/TEXT.

Using either a communicating terminal or a personal computer, users may choose between a menu-driven or direct database system. An 800-number access eliminates the need for connect charges and only successful searches are billed.

Available databases of interest to geoscientists include: Geoarchive, Geode, and GeoRef, and other databases covering petroleum, water and engineering.

A brief article describing EasyNet appeared in the June 1985 issue of *Digital Review* (p. 25-26). A fact sheet discussing further features and a list of available databases are available from EasyNet's parent company, Telebase, Inc. For more information, contact:

EasyNet
c/o Telebase, Inc.
134 North Narberth Avenue
Narberth, PA 19072
(215) 664-6972, or
1-800-EASYNET

KANSAS GEOLOGICAL SOCIETY ANNUAL FIELD CONFERENCE

On September 12-14, 1985, the Kansas Geological Society will conduct its Annual Field Conference on "Upper Mississippian and Lower Pennsylvanian Rocks of Northeastern Oklahoma and Southwestern Missouri." For more information contact:

D. F. Merriam
Department of Geology
Wichita State University
Wichita, KS 67208
(316) 689-3140

THE INFORMATION EXCHANGE

Does anyone have any information about saws for slicing rock quarries lengthwise or crosswise? Does anyone have any comments or experience with the saws now on the market? I need this information to reply to a question; any help would be appreciated. Refer answers to:

John D. Crissinger
Ambassador College Library
P. O. Box 111
Big Sandy, TX 75755

The Harvard University Geological Sciences Library is offering these out-of-print volumes of the *Bibliography and Index of Geology, Exclusive of North America* free, plus shipping charges:

- v. 9 (1941/1942)
- v. 10 (1943/1944)
- v. 12 (1947)
- v. 14 (1949)

For further information, contact:

Connie Wick
Geological Sciences Library
Harvard University
24 Oxford Street
Cambridge, MA 02138
(617) 495-2029

FORTHCOMING MEETINGS

- Sept. 19-20, 1985—Western Association of Map Libraries; fall meeting; Davis, CA
- Oct. 6-10, 1985—Society of Exploration Geophysicists; annual meeting; Washington, D. C.
- Oct. 28-31, 1985—Geological Society of America; annual meeting; Orlando.
- Dec. 9-13, 1985—American Geophysical Union; fall meeting; San Francisco
- March, 1986—Western Association of Map Libraries; spring meeting; San Diego
- March 1-5, 1986—Society of Economic Geologists and American Institute of Mining, Metallurgical and Petroleum Engineers; winter meeting; New Orleans
- May 19-21, 1986—Geological Association of Canada/Mineralogical Association of Canada; annual meeting; Ottawa
- June 7-12, 1986—Special Libraries Association; annual meeting; Boston

LIBRARY U. OF I. URBANA-CHAMPAIGN

PUBLICATIONS

WATER PROJECTS MAP PUBLISHED

The U.S. Geological Survey has just published *Surface-water and related land resources development in the United States and Puerto Rico*, compiled by Kerie J. Hitt.

This 8-color map (scale 1:3,168,000) shows multipurpose and flood-control dams, hydroelectric power plants, surface-water irrigation and watershed protection projects, navigation and flood-damage reduction projects, and the federal Wild and Scenic Rivers system.

Begun in 1981, the map was compiled from information drawn from the USGS, 9 other federal water agencies, the U.S. Water Resources Council, the U.S. Bureau of Reclamation, and the U.S. Army Corps of Engineers.

Copies are available for \$4 each from:

Eastern Distribution Branch
U.S. Geological Survey
1200 South Eads Street
Arlington, VA 22022

Western Distribution Branch
U.S. Geological Survey
Box 25286, Federal Center
Denver, CO 80225

Orders must include check or money order payable to the Department of the Interior-USGS and should specify the map by name.

from: *Geotimes*, July 1985, p. 22.

Petit, Charles, 1985, U.S. geology—
Courting a crisis?: *Technology Review*,
July 1985, p. 30-37.

The author laments an apparent lack of participation of U.S. earth scientists in third world projects and general apathy toward geology beyond U.S. borders.

NEW GEOLOGIC MAP OF WYOMING

The new 1:500,000-scale geologic map of Wyoming has just been published by the U.S. Geological Survey. The map was compiled by J. D. Love and Ann Coe Christiansen of the USGS, in cooperation with the Geological Survey of Wyoming, and reflects the extensive geologic mapping of Wyoming completed since the 1955 edition of the state map.

The map sells for \$ 7.30 over the counter or \$ 10.50 my mail (rolled) and is available from:

Geological Survey of Wyoming
Box 3008
University Station
Laramie, WY 82071
(307) 766-2286

Branch of Distribution
U.S. Geological Survey
Box 25286
Federal Center
Denver, CO 80225

Wyoming Oil and Gas Conservation
Commission
777 West First Street
Box 2640
Casper, WY 82604
(over the counter copies only)

INSTRUCTIONS FOR CONTRIBUTORS

The GIS Newsletter welcomes original, previously unpublished English language papers related to geoscience information. Manuscripts should be typed on opaque paper, on one side only, double-spaced throughout, with 3 cm margins on all sides, and all pages numbered consecutively. Length should not exceed 12 pages.

The title page should include the title, the name(s) of the author(s) and their institutional address(es). References should be mentioned in the text (author and date), with a list of "References cited" appearing at the end of the paper, following GSA reference style. Provide on a separate sheet an informative abstract of no more than 200 words and a biographical sketch of the author(s), of

no more than 100 words, which includes current position and education.

Clear, black and white (glossy) photographs and illustrations with strong contrast should be submitted on separate sheets from the text and numbered consecutively in order of reference in the text. Tables and figures should be submitted on separate sheets from the text, numbered, and referred to in the text by number.

Send two (2) copies of the manuscript to the Chairperson, GIS Newsletter Editorial Board. Include a phone number where the author(s) may be reached and a self-addressed stamped envelope for notification of receipt of manuscript. Each manuscript will be reviewed by at least two persons.

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