

GIS newsletter

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GIS Annual Meeting Cincinnati, November 1-4, 1981

SUNDAY, NOVEMBER 1

1300-1600 GIS Executive Board Meeting (1980-1981 Board) - Netherland Hilton, Parlor C

MONDAY, NOVEMBER 2

0900-1200 GIS Business Meeting - Netherland Hilton, Parlors C and D

1200-1300 GIS Luncheon - Netherland Hilton, Parlors E and F

1400-1600 GIS 1981-82 Executive Board Meeting - Netherland Hilton, Parlor D

1600- Cocktail Party - Netherland Hilton, Continental Room

TUESDAY, NOVEMBER 3

Poster Session: Lillian F. Musich and Peter B. Woodbury (Deep Sea Drilling Project, Scripps Institution of Oceanography). Coordinated Computer Management of Ocean Data.

WEDNESDAY, NOVEMBER 4

Symposium: The Future of the Journal (Convention Center, room 1)

0800 Introduction (Mary W. Scott)

0810 Edward C. Beutner, Dept. of Geology, Franklin and Marshall College, Lancaster, PA. The Dilemma of Maintaining Holdings in a Small College Geology Library.

0840 Regina A. Brown, Orton Memorial Library of Geology, The Ohio State University, Columbus. Serial Management in a Large Geology Library.

0910 Jean T. Eaglesfield, Lindgren Library, M.I.T., Cambridge, MA. Costs of Journals, Library Networks, Interlibrary Loan, and Copyright.

0940 Coffee Break

1000 Robert L. Goodman, Elsevier Scientific Publishing Company, Bronxville, NY. Journal Publishing in the Geo-sciences: Remarks for a Commercial Publisher.

1030 Julie Bichteler, Graduate School of Library and Information Science, The University of Texas at Austin. New Formats for Geoscience Journals.

1100 Discussion and comments from the floor.

Technical Session: Geoscience Information (Louise Zipp, presiding)

1300 Miriam L. Sheaves, Geology Library, University of North Carolina, Chapel Hill. A Serials Review Program Based on Journal Use in a Departmental Geology Library.

1315 Leigh M. Van Valen, University of Chicago. Monograph Publication in Historical Geology and Paleontology.

1330 Leigh S. Prater, Battelle Northwest Laboratories. Development of a Library and Information System for the Seasonal Thermal Energy Storage Program.

1345 Anthea Gotto, Geosystems, Cambridge, MA. Omnisaurus - a Multilevel Indexing System for Natural Resources Data.

1400 Julian W. Green, Geological Sciences Library, Harvard University, Cambridge, MA. Geoscience Information for Developing Countries: Books as a Beginning.

AGI Publishes Guidebooks For GSA Cincinnati '81

The field trip guidebooks for 15 of the 18 field trips given for the November 1981 Annual Meeting of the Geological Society of America have been published by the American Geological Institute in three topically oriented volumes, edited by Thomas G. Roberts of the University of Kentucky. Volume I: *Stratigraphy, sedimentology*; six guidebooks, 257 pages. Topics include the Middle Ordovician High Bridge Group, Upper Ordovician Cincinnati Series, Devonian-Mississippian forams, Early Mississippian deltaic sedimentation, and the Mississippian-Pennsylvanian boundary. Volume II: *Economic geology, structure*; four guidebooks, 150 pages. Field trips cover Devonian black shales of the southern Appalachian basin, the Pine Mountain thrust sheet, Appalachian Hot Springs traverse, and the Serpent Mound cryptoexplosion structure. Also included are abstracts, route maps, and ordering instructions for two field trips published elsewhere: *Coal and related Pennsylvanian strata of eastern Kentucky* and *Geology and ore deposits of the St. Francois Mountains*. Volume III: *Geomorphology, hydrogeology, geoarcheology, engineering geology*; five guidebooks, 163 pages. Topics include the Quaternary of southwestern Ohio, the Ohio shore of Lake Erie, hydrogeology and geoarcheology of the Mammoth Cave Region, landslides and erosion in the Cincinnati area. It also includes an abstract of a field trip for which no guidebook was produced: Geohydrology of the Ohio River alluvial aquifer. Books may be ordered from AGI, One Skyline Place, 5205 Leesburg Pike, Falls Church, VA 22041, or call toll-free (800) 336-4764. The three-volume set is \$85.00; separately, Volume I is \$38.00, Volumes II and III are \$29.00 each. Please add \$1.75 for shipping and handling.

An Invitation From the President

For an organization of 250 members, GIS has an incredible number of projects going. The committee reports at the Annual Meeting provide an excellent summary of GIS activities and I'd like to encourage you to attend the GIS business meeting Monday, November 2, from 9-12, to "keep current" on our various projects. The tentative agenda for the Executive Committee meeting below will give you an idea of the many things in which we're involved. All members are also welcome to attend the Executive Committee meeting.

1980-1981 Executive Committee Meeting November 1, 1981 1-4 p.m.

Agenda

1. Secretary: Nancy Crossfield
 2. Program: Mary Scott
 3. Treasurer: Marie Dvorzak
 4. Nominating: Rosalind Walcott
 5. Exhibits: Joanne Lerud
 6. Membership/Recruitment: Miriam Sheaves
 7. International Conference: Dedy Ward
 8. Archives: Trudy Sinnott
 9. Open-file Reports: Claren Kidd
- Publications
10. Publications Manager: Jean Eaglesfield
 11. Publications Committee: Marge Wheeler
 12. Newsletter: Reggie Brown
 13. Guidebooks: Bea Lukens
 14. Theses: Vivian Hall
 15. Ad Hoc Bulletin Committee: John Crissinger
 16. Directory of Geoscience Libraries: Reggie Brown
 17. Membership Directory: Reggie Brown
- Representatives to various organizations
18. AGI Governing Board: Julie Bichteler
 19. Cartographic Users Advisory Council (CUAC): Nancy Pruett
 20. Professional Society Presidents Forum: Nancy Pruett
 21. GeoRef Advisory Board: Barbara McDonald
 22. ASIS: Arleen Somerville

AGI Publishes New Edition Of Directory Of Geoscience Departments

The 20th edition of the *Directory of geoscience departments, United States and Canada*, covering the 1981-1982 academic year, is available from the American Geological Institute, One Skyline Place, 5205 Leesburg Pike, Falls Church, VA 22041 or call toll-free (800) 336-4764. The 192-paged publication costs \$16.50 plus \$1.75 for shipping and handling. Sections include a list of colleges/universities with geoscience departments, address and phone number, degrees granted, and faculty members in each department (faculty specialty codes are now given in this section); a list of those institutions offering field courses/field camps; index of faculty members arranged by specialty; and an alphabetical index of faculty members.

Information Society Presidents To Meet In Washington, D.C.

The presidents of information professional societies will meet during the 1981 Annual Meeting of the American Society for Information Science (ASIS) in Washington, D.C. to discuss cooperative efforts among societies and the role of the information professional society in information policy. The fourth in a series of Information Professional Societies' Presidents Forums, the gathering is scheduled for Tuesday, October 27, from 7:00 p.m. to 9:00 p.m. at the Washington Hilton Hotel. Nancy Pruett will be representing GIS. Prior to the open session, the presidents will meet privately. Joining in the private meeting will be members of the Information Policy Forum (IPF), a group consisting of Washington representatives of societies who are actively involved in government and policy issues. IPF's activities and perceptions will be discussed during the public session Tuesday evening. Members of all information professional societies are invited to attend the open session on the evening of October 27 at no charge and are encouraged to view the exhibits, which will be open from 10:00 a.m. to 6:00 p.m. on October 27 at the Washington Hilton Hotel. Societies that have participated in previous Forums include, in addition to GIS, the American Library Association, American Society for Information Science, American Association of Law Libraries, Association for Computational Linguistics, Association for Education Communications Technology, Canadian Library Association, Data Processing Management Association, Medical Library Association, Society of American Archivists and Special Libraries Association. The theme of the Annual Meeting, which will be held October 25-30, is "The Information Community: An Alliance for Progress." For further information on the 1981 ASIS Annual Meeting, contact Skip McAfee, ASIS, 1010 16th Street, N.W., Washington, D.C. 20036.

John Price reports that *A directory of information resources in the United States: geosciences and oceanography*, compiled by the National Referral Center (Wash., D.C., Library of Congress, 1981, 375 p.) has just been published. The publication may be purchased for \$7.50 from the Superintendent of Documents, U.S. Government Printing Office, Washington 20402 (stock no. 030-000-00131-1).

Jean Eaglesfield, GIS Publications Manager, announces there are still available back issues of the *GIS Proceedings* and various other publications of the Society. Volumes 1 and 5 of the *Proceedings* are limited, however. Orders must be prepaid in U.S. funds. A list of the Society's publications may be found in the June 1981 issue of the *GIS newsletter*. The publications list is also available from Ms. Eaglesfield, Lindgren Library, M.I.T., 54-200, Cambridge, MA 02159.

Geologic Reference Sources Now Available In 2nd Edition

The long-awaited second edition of *Geologic reference sources, a subject and regional bibliography of publications and maps in the geological sciences* has just been published by The Scarecrow Press, Inc., Metuchen, NJ and London, Eng. The 590-paged publication is co-authored by GIS members Dederick C. Ward, Marjorie W. Wheeler and Robert A. Bier, Jr. The 1981 edition completely updates and is 25 % larger than the earlier work published in 1972. This excellent "ready-reference" guide provides access to "significant current reference literature in the field of geoscience and its sub-disciplines." A noteworthy feature of the new edition is a discussion of recent innovations in the field of geoscience information—the availability of computer-readable data, changes in the physical format of literature (microforms, open-file reports, etc.), cooperative bibliographic efforts of American and European geological organizations, on-line cataloging networks, the intradisciplinary nature of geological information, etc. The guide is world-wide in scope and includes, within each geographic region, representative reference works (both books and maps). Another useful feature is the subject and geographic indexing keyed directly to the citation number assigned to each title. *Geologic reference sources* will prove useful to both professionals and non-professionals engaged in any aspect of geologic research. The price is a bargain at \$30.00. (Other ordering information: LC 81-4770; ISBN 0-8108-1428-5).

AAPG Publishes Five Circum-Pacific Maps

Five new plate-tectonic maps of the Circum-Pacific region have just been published by the American Association of Petroleum Geologists. Covering more than half the surface of the earth, these full-color maps depict active plate boundaries, plate motion vectors, major intraplate faults, seismic epicenters, Holocene volcanic activity, and magnetic lineations. Accretionary terrane along the Pacific rim is shown on the Northeast map sheet. The basic *Circum-Pacific map series* consists of five 1:10,000,000 scale maps: *The Northwest, Northeast, Southeast, and Southwest Quadrants and The Antarctica Region*. There is also a basin-wide map at a scale of 1:20,000,000. Additional thematic maps now under preparation include the *Geologic, Tectonic, Energy resources, Mineral resources, and Geodynamics series*. The *Plate-tectonic map series* is available from the AAPG Bookstore, P.O. Box 979, Tulsa, OK 74101 at \$8.00 each or \$26.00 for the set. Also available are full-color *Geographic* maps at \$12.00 each or \$30.00 for a set of six maps and black and white *Base* maps with 2 degree grids for plotting purposes at \$6.00 each or \$20.00 for a set of six maps. The maps measure 52 by 40 inches and are shipped in a tube postpaid.

GWU Issues New Brochure On Cartography, Geodesy Program

A new brochure highlighting George Washington University's degree programs in cartography and geodesy is now available through GWU's Division of Continuing Education and Summer Sessions. It includes curriculum information, admission requirements and a brief description of each course. The cartographic science and geodesy curricula provide a broad background in the arts and sciences for today's career-minded student. Graduates are equipped to work as part of field and agency study groups in the gathering, analysis and presentation of cartographic and geodetic data. The brochure may be obtained by writing George Washington University, Division of Continuing Education and Summer Sessions, 706 20th St., N.W., Washington, D.C. 20052 or by calling 202/676-7022.

USGS Updates Indexes To OCS Lease Regions

Indexes to reports and documents used by the Federal government in the decision-making process for leasing, exploration, development, and production of the Atlantic, Gulf of Mexico, Pacific and Alaska Outer Continental Shelf (OCS) leasing regions have been updated and are available upon request from the U.S. Geological Survey. All four separate indexes are in their second editions. The OCS regional indexes are part of an effort to ensure timely access to information by state and local governments affected by OCS activities. The indexes list and describe documents in the sequence by which they are generated throughout the entire leasing program. Listed in the indexes are all relevant or proposed programs, plans, reports, environmental impact statements, and other lease sale information. Each step in the leasing process is described and a list of relevant documents for each lease sale in each region is also included. In addition, current support programs of the USGS and the Bureau of Land Management are described and information on state involvement in the leasing process is provided. Appendices contained in the indexes include a directory of state and Federal OCS-related contacts and Federal depository libraries. Copies of the *Atlantic index* (January 1975 to November 1980, 193 pages); the *Gulf of Mexico index* (January 1978 to November 1980, 181 pages); the *Pacific index* (January 1962 to October 1980, 111 pages); and the *Alaska index* (December 1974 to November 1980, 85 pages) are available upon request from the Office of OCS Information, U.S. Geological Survey, 640 National Center, Reston, VA 22092, telephone: 703/860-7166.

Literature Citations

Gooding, Patrick J. Catalog of well samples, cores, and auger samples on file at Kentucky Geological Survey. *Kentucky. Geological Survey. Information circular 3*, 1980, 408 p.

Index to geologic and geophysical mapping of Washington. Compiled by Connie Manson. *Washington. Division of Geology and Earth Resources. Information circular 73*, 1981, 61 p.

McFarland, Carl R. Oil and gas exploration in Washington, 1900-1981. *Washington. Division of Geology and Earth Resources. Information circular 67R*, 1981, 119 p.

Walker, A.S. and Robinove, Charles J. Annotated bibliography of remote sensing methods for monitoring desertification. *U.S. Geological Survey. Circular 851*, 1981, 25 p.

Activities of the 1981 GIS Membership Committee

Our goal this year has been to contact 600 or more new people/companies to stimulate interest in joining our ranks. We have compiled lists of prospective members from geothermal firms, mining companies, and engineering and environmental groups for a mailing in August. In addition, we have sent a follow-up letter to the people who did not respond to the 1980 Membership Committee and have submitted a letter to the editor of *Geotimes* to publicize membership in GIS. We're very enthusiastic about having the opportunity to increase membership!

Miriam Sheaves, Chair
1981 Membership Committee

New Members

Joan K. Baldwin
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1981 GIS Officers

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).

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)

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

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

TREASURER: Marie Dvorzak, Winchell Library of Geology, 204 Pillsbury Hall, 310 Pillsbury Drive, S.E., University of Minnesota, Minneapolis 55455 (612/1373-4052)

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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