

GIS newsletter

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GSA Annual Meeting GIS Activities Denver, November 7-10, 1976

Sunday, November 7

1400-1600
1976 Executive Board
Hilton, Biltmore Room

Monday, November 8

0830-1145
Geoscience Information Technical Session
3G, Convention Center
(space for 210)
1330-1800
Field Trip Tour

Tuesday, November 9

0930-1100
GIS Business Meeting
Brown Palace, Onyx Room
1130-1300
GIS Luncheon
Brown Palace, Coronet Room
1500-1700
1977 Executive Board
Brown Palace, Coronet Room
0830-1200
On-Line Search Workshop for GeoRef and Petroleum
Hilton, Gold Room

Library Journal Study Reveals Rising Serial Price Indexes

A recent article "Price Indexes for '76" in the August 1976 issue of *Library journal* indicates that the average cost of an American periodical in 1976 is \$22.52, \$2.58 more than last year's average price of \$19.94. Norman B. Brown's study of the 1976 subscription prices of 3,151 American periodicals further reveals that, as in previous years, journals in the fields of chemistry and physics are by far the most expensive with an average price of \$86.72. Mathematics, botany, geology, and general science periodicals averaged \$42.51; engineering, \$31.87. Journals in the math, botany, etc., category showed an increase over 1975's \$35.95, and a substantial surge from their 1967-9 average price of \$15.30.

SLA Map Division Issues Call For Papers

"Worldwide Information Sources" is the theme of the Special Libraries Association's 1977 conference in New York City June 5-9. Its Geography and Map Division has issued a call for papers. Anyone interested in presenting a paper should send a 200-300 word abstract by November 3, 1976, to: J. B. Post, Map Librarian, Free Library of Philadelphia, Philadelphia, Pa. 19103. Deadline for completed papers is January 3.

FPC Releases Environmental Impact Statement On Alaska Gas

The Federal Power Commission has released a five-volume report "Final Environmental Impact Statement for the Alaska Natural Gas Transportation Systems," April 1976. The FEIS was prepared by the Commission's staff in connection with proposals to bring Arctic gas from the Prudhoe Bay Field in Alaska and the MacKenzie Delta region of Canada to market areas in the lower 48 states, the El Paso Alaska Company et al proceeding. A limited number of copies are available from the Commission's Office of Public Information, Washington, D.C. 20426.

NCIC Newsletter Profiles USGS' Map Section

The National Cartographic Information Center, headquartered at the U.S. Geological Survey, Reston, Va., "organizes and distributes information about the products available from government agencies and commercial firms." It is not a library or depository of cartographic products. The Center publishes the *National Cartographic Information Center Newsletter*, which is available free upon request.

The Summer/Fall 1976 issue contains a profile of the U.S. Geological Survey Library's Map Section, which is headed by John Schroeder. Its collection has grown from 29,000 map sheets in 1900 to 225,000 in 1976. An additional 100,000 sheets are held in branches in California, Colorado and Arizona. Major subjects covered include geology, mineral resources, geophysics, water resources, oceanography, soils, and vegetation. The Map Section does not issue a catalog of its collection, but its holdings are cited in "Publications of the Geological Survey, 1879-1961" and the supplementary cumulative volume for 1962-1970. New acquisitions are listed in the monthly "New Publications of the Geological Survey." The cumulative

catalogs may be obtained without charge from the USGS, Branch of Distribution, 1200 South Eads St., Arlington, Va. 22202; the monthly list from the Publications Division, USGS, 329 National Center, Reston, Va. 22092. A selected list of important map accessions is carried monthly in *Geotimes*.

The Map Section provides reference services for Geological Survey researchers, other government agencies, colleges and universities, commercial firms and the general public. Special services include "(1) Lending maps to other libraries (loan requests should be specifically addressed to the Survey Library). (2) Referring users who need copies of out-of-print or otherwise unavailable maps to local photoduplication firms (the Library is not equipped to provide photoduplication service). Requests for copies of, or information about, USGS Open File Report maps should be addressed to the nearest USGS depository or directly to the Map Section. (3) Providing convenient access to large numbers of current USGS topographic maps.

After screening maps in the collection, customers can usually buy copies at the Public Inquiries Office in the USGS National Center at Reston." Any correspondence should be sent to: U.S. Geological Survey Library, 950 National Center, 12201 Sunrise Valley Drive, Reston, Va. 22092. Telephone: 703-860-6679 or FTS 928-6679.

New Geoscience Association Organized In Australia

The Australian Geoscience Information Association (AGIA) held its inaugural meeting during the International Geological Congress in Sydney last August. AGIA was formed through the initiative of those who attended the Geoscience Information Seminar in Adelaide in March 1975 "to initiate, aid and improve the exchange of information in the earth sciences and related areas through mutual cooperation among users and processors of earth sciences and resources information, both in Australia and internationally." The business of forming AGIA was entrusted to a Working Party with a Secretariat provided by the Australian Mineral Foundation. Individual membership is \$10.00 p.a.; organizational, \$50.00 p.a. The organization plans to publish a quarterly newsletter. Mr. Ted Martin, Department of Mines, Hobart, Tasmania, is the first editor.

Geologic Field Trip Guidebooks Of North America

Geologic field trip guidebooks of North America, a union list incorporating monographic titles. Compiled and edited by Geoscience Information Society, Guidebooks and Ephemeral Materials Committee. 2 ed. 1971. \$20.00. Available from: Wilson Publishing Company, 1939 West Gray Street, Houston, Texas 77019.

University Microfilms Publishes Catalog Of Energy Reprints

University Microfilms International has issued *Energy, a catalog of demand reprints*, which lists approximately 300 volumes relating to the development and use of energy. Titles cited in the catalog include treatises, symposia papers, technical manuals and other publications issued by societies, associations and government agencies in the energy field. These out-of-print publications can be acquired from University Microfilms as xerographic or microfilm reprints. Further information may be obtained by writing University Microfilms International, 300 North Zeeb Road, Ann Arbor, Mich. 48106 or their overseas office: St. John's Road, Tyler's Green, High Wycombe, Bucks, England HP 10 8HR.

New Publications

American Geological Institute. *Dictionary of geological terms*. Rev. ed. (Published in 1957 and 1960 under title: *Glossary of geology and related sciences*.) New York, Anchor Press (Doubleday) 1976. 472 p. \$3.50. (LC 73-9004; ISBN 0-385-08452-8)

Bibliography and index of Colorado geology, 1875 to 1975. Compiled by American Geological Institute. Denver, Colorado Geological Survey, 1976. 488 p. \$10.00. (*Colorado Geological Survey Bulletin* 37)

Cargill, S. M. et al. *PACER—Data entry, retrieval, and update for the National Coal Resources Data System (Phase 1)*. Wash., D. C., Govt. Print. Off., 1976. 107 p. \$2.20 (*U. S. Geological Survey Professional paper* 978)

"The Program to Analyze Coal Energy Resources (PACER) is a collection of FORTRAN subprograms written to extend the capabilities of the Geologic Retrieval and Synopsis Program (GRASP) for application to an automated National Coal Resources Data System (NCRDS) . . . Three files are presently available for the NCRDS: two coal-resource files (Eastern states and Western states) containing geographical tonnage estimates, and one file containing coal-analysis data."

Fossils magazine. Vol. 1, no. 1, May 1976. Quarterly. \$12.00 per year. Available from: Wexo Publishing Company, P. O. Box 3518, San Diego, Calif. 92103.

Geologist's year book 1976. Poole, Eng., Blandford Press. 274 p. tent. \$14.90. (ISBN 0-85642-048-4)

A new international reference directory of geology and geologists.

Green, Jerry E. *Selected materials for planning the reclamation of mined land*. Monticello, Ill., Council of Planning Librarians, 1975. (*Council of Planning Librarians. Exchange bibliography* no. 795) \$1.50. (LC 75-321602)

Guide to authors—a guide to the preparation of geological maps and reports. Compiled by R. G. Blackadar, H. Dumych and P. J. Griffin. Rev. ed. 1975. 199 p. (Canada. Geological Survey. Miscellaneous report 16) Catalogue no. M41-8116. Available for \$3.50 (Canada) or \$4.20 (other countries) from: Geological Survey of Canada, 601 Booth St., Ottawa KIA 0E8 or Information Canada, Ottawa KIA 0S9.

Guide to special issues and indexes of periodicals. Edited by Charlotte M. Devers, Doris B. Katz and Mary M. Regan. 2nd ed. New York, Special Libraries Association, 1976. 312 p. \$14.50. (LC 75-25621; ISBN 0-87111-224-3)

"More than 1200 U. S. and Canadian periodicals are listed . . . New features include a representative number of Canadian periodicals, subscription price and address of each periodical, and strong emphasis on specials. The price of the special issue and indication if it is a separate release are noted. Comprehensive subject index and classified list also included."

Hazen, Robert M. *Bibliography of American-published geology, 1669-1850.* Boulder, Colo., Geological Society of America, 1976. 980 pages on 11 98-frame microfiche for use on 24X readers. \$10.00.

Henry, Nicholas. *Copyright-information technology—public policy. Part 2. Public policies—information technology.* New York, Marcel Dekker, 1976. 166 p. \$14.50. (Books in library and information science) (LC 74-83417; ISBN 0-8247-6406-4)

Index to Bibliography of New Zealand geology to 1950 (New Zealand. Geological Survey. Bulletin 65). Compiled by D. L. Jenkins. Wellington, New Zealand Dept. of Scientific and Industrial Research, 1976. 242 p. (New Zealand. Geological Survey. Bulletin 65A)

This work consists of two parts: addenda and corrigenda to *Bulletin 65*, which was published in 1965, and a subject and geographical index to the entries.

Lancaster, F. Wilfrid, ed. *The use of computers in literature searching and related reference activities in libraries.* Urbana-Champaign, University of Illinois, Graduate School of Library Science, c1976. 159 p. \$8.00. (LC 76-1790; ISBN 0-87845-043-2; ISSN 0069-4789).

Proceedings of the 1975 Clinic on Library Applications of Data Processing.

Martin, Susan K. *Library networks, 1976-1977.* 1976. 130 p. \$24.50. Available from: Knowledge Industry Publications, 2 Corporate Park Drive, White Plains, N. Y. 10604.

Physics and chemistry of minerals. Ed. by S. S. Hafner, A. S. Marfunis and C. T. Prewitt. Vol. 1, 1977. (four issues) Berlin, Springer. DM 148.

Tomlinson, R. F. et al. *Computer handling of geographical data.* Paris, UNESCO, 1976. 214 p. pap. \$15.20. (Natural resources research, 13) (LC 76-364396; ISBN 92-3-101340-8)

Vasaru, Gheorghe et al. *Deuterium and heavy water, a selected bibliography.* Amsterdam, Elsevier, 1975. 418 p. \$38.50; Dfl. 100.00. (ISBN 0-444-41321-9)

Lists authors, titles and standard references of 3763 publications that appeared from 1932 to May 1974. References are arranged chronologically and then alphabetically according to first author, and all titles have been translated into English.

Literature Citations

(GIS members are in caps)

Gardner, Jeffrey J. and David M. Wax. *Online bibliographic services.* *Library journal*, vol. 101, no. 16, September 15, 1976, p. 1827-1832.

STOWE, CARLTON H., comp. *Utah mineral industry operator directory 1975.* *Utah Geological and Mineral Survey. Bulletin no. 108*, May 1976, 58 p.

New Members

Benguet Consolidated, Inc.
Attn: R. E. Aldiano
c/o E. M. Baumann, Inc.
582 Market Street, Suite 1202
San Francisco, California 94104

Cheryl L. Kirk
Research Librarian
Amoco Production Company Exploration Library
Security Life Building, Rm. 2600
Denver, Colorado 80202

Carlton H. Stowe
Staff Minerals Specialist, Chief of Publications
Information, Sales and Services
Utah Geological & Mineral Survey
606 Black Hawk Way
Salt Lake City, Utah 84108

Members in the News

RICHARD D. WALKER, University of Wisconsin-Madison, has been named chairman of the American Geological Institute's GeoRef Advisory Committee.

1976 GIS Officers

PRESIDENT: Vivian S. Hall, Geology Librarian, 100 Bowman Hall, University of Kentucky, Lexington, Kentucky 40506 (606/258-5730)

VICE-PRESIDENT and PRESIDENT-ELECT: John G. Mulvihill, Manager, GeoRef, American Geological Institute, 5205 Leesburg Pike, Falls Church, Va. 22041 (703/379-2480)

SECRETARY: Mary W. Scott, Geolibrarian, University of North Dakota, Chester Fritz Library, Grand Forks, North Dakota 58201 (701/777-2617)

TREASURER: Katherine L. Keener (Code 25111), Librarian, Naval Environmental Protection Support Office, Naval Construction Battalion Center, Port Hueneme, Calif. 93043 (All correspondence should be marked PERSONAL OFFICIAL.) Phones: AUTOVON - 360-5952; FTS - 799-5952; Commercial - 805/982-5952; Home - 805/486-3473.

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:

Mary W. Scott
Geolibrarian
University of North Dakota
Chester Fritz Library
Grand Forks, North Dakota 58201

GIS members are invited to contribute articles or news of general interest to the membership. Please submit all material to the Editor.

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Librarian, Orton Memorial Library of Geology
The Ohio State University
155 South Oval Drive
Columbus, Ohio 43210
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