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NO. 44
1977

GIS newsletter

Published bi-monthly by the Geoscience Information Society
Number 44 ISSN 0046-5801 February 1977

NOAA Automates Bathmetric Data For U.S. Coastal Regions

NOAA's National Ocean Survey (NOS) has initiated a program to make available for general use digitized nautical charting (hydrographic) data of U.S. coastal regions. As part of the program to automate the nautical chart production process, water depths (soundings) and supplemental data from approximately 3200 survey sheets have been transferred to magnetic tapes. The National Geophysical and Solar-Terrestrial Data Center will serve as the distributing agency.

Now available are 166 magnetic tapes representing data from 125 1x1 degree areas off the Atlantic, Gulf and Pacific coasts. The digitized data are from surveys completed between 1930 and 1965. Post-1965 data are to be digitized in the near future. Data from all United States coastal waters, including Alaska and Hawaii, will be available in the next several years.

Further information may be obtained by contacting the National Geophysical and Solar-Terrestrial Data Center, Code D621, EDS/NOAA, Boulder, Colo. 80302. Telephone (303)499-1000, ext. 6338 (FTS 323-6338).

GIS Issues Call For Papers For 1977 Seattle Symposium

All GIS members (and others) interested in presenting a paper at the annual GIS meeting in Seattle in November should contact Dick Walker, Program Chairman. The symposium's topic is "Geoscience Information Retrieval Up-date." Inquiries should be addressed to: Professor Richard D. Walker, Library School, University of Wisconsin, Madison, 600 North Park St., Madison 53706. Telephone: (608) 263-2919 or 263-2900.

Bibliography Of Geology Changes Annual Format

Beginning in January 1977, the *Bibliography and index of geology* will no longer repeat monthly citations in its annual cumulative volumes. Only two paperbound volumes containing *subject* and *author* indexes will be provided at the end of the year. The January *Bibliography* (volume 41, number 1) and all subsequent monthly issues will have to be retained.

Western Assn. Of Map Libraries Schedules March Meeting

San Jose State University Library, San Jose, Calif., will be the site for the Spring 1977 meeting of the Western Association of Map Libraries. Among the speakers on the two-day program are the following:

March 24

The Map Collections of San Jose State University (Paul Martinez-Perry, Map Librarian, SJSU Library)

Mapping From Landsat Data (David E. Schwartz, Dept. of Geography and Environmental Studies, SJSU)

March 25

OCLC and the Future of Map Librarianship (David Cobb, Map Library, University of Illinois)

Map Cataloging and the Library of Congress (Janet Hill, recently of the Geography and Map Division, The Library of Congress)

Map Cataloging at the USGS in Menlo Park (Nancy Blair, USGS)

International Standard Bibliographic Description for Cartographic Materials (Mary Larsgaard, Library, Central Washington State College)

Designing a Cataloging System for Maps for Computer Processing—One Man's Experience (Herb Fox, California State University, Fresno)

The Computer-Produced Map Catalog—U.C., Santa Cruz System Converts to MARC (Stan Stevens, U.C., Santa Cruz)

Further information about the meeting may be obtained by contacting: March 24 session: Paul Martinez-Perry, Map Librarian, SJSU Library, (408) 277-3395. March 25 session: Mary Guedon, Michel Orradre Library, The University of Santa Clara Library, (408) 984-4415 or home: (415) 366-3498.

Correction

The new subscription price for the *GIS Newsletter* should have read \$12.00, rather than \$10.00, as cited in the December 1976 article on increased GIS publication prices.

GEOLOGY

Australia Establishes Earth Sciences Info' System

AESIS or Australian Earth Sciences Information System has been created to record Australian-generated earth science material in the fields of geology, geophysics, mining, mineral processing, and oil and gas technology. It has evolved with the cooperation of the Bureau of Mineral Resources, the Commonwealth Scientific and Industrial Research Organisation, the National Library, State Departments of Mines and Geological Survey, the Australian Geoscience Information Association and the Australian Mineral Foundation. Input and output data pass through a central coordinating agency, the Australian Mineral Foundation, Adelaide. Both published and unpublished documents are included in the data base. Unpublished material is registered with the system through "Data Transmission Sheets" so that control remains with the holding organization or company. Key word descriptions are taken from the *Australian thesaurus of the earth sciences and related terms* (available for \$37.50 from the Australian Mineral Foundation). The *AESIS quarterly* is the main vehicle for dissemination of information stored in the data base. It contains a printout of materials processed into the system during a three-month period. Entries are arranged in broad subject categories, with a subject, locality and map sheet index. The December issue has an annual cumulative index. For the first twelve months of issue (to June 1977) the *Quarterly* will be provided free of charge to participating organizations as part of the development program of the project. At the end of this time, an appropriate cost-sharing structure will be established. Further inquiries about AESIS should be directed to:

The Director
Australian Mineral Foundation
Conyngham St.
Glenside, South Australia 5065

EPA Releases Proceedings Of Sandusky River Symposium

Proceedings of the Sandusky River Basin Symposium held at Heidelberg College, Tiffin, Ohio May 2 and 3, 1975, are now available without charge. The Symposium was sponsored by Heidelberg College and Bowling Green State University. Funding was provided by the U.S. Environmental Protection Agency as part of its support for the International Reference Group on Great Lakes Pollution From Land Use Activities. Copies of the 475-paged publication may be obtained by contacting:

Mr. Merle W. Tellekson
Chief, Technical Support Branch
Surveillance & Analysis Division
U.S. Environmental Protection Agency
230 South Dearborn St.
Chicago, Illinois 60604

M. Haymes Prepares Environmental Publications

GIS member Marita Haymes, Librarian, Environmental Studies Program, Information/Documentation, Sarasota, Fla., has written from the "cold and frozen south" to tell us about two publications of interest to geoscience librarians:

Lincer, Jeffrey L., Marita E. Haymes and Marian L. Klein. *The ecological impact of synthetic organic compounds on estuarine ecosystems*. Gulf Breeze, Fla., U.S. Environmental Protection Agency, Office of Research and Development, Environmental Research Laboratory, September 1976. 354 p. (EPA-600/3-76-075). Available from National Technical Information Service, 5285 Port Royal Rd., Springfield, Va. 22161.

Comprehensive bibliography of 732 citations covering 1965-75, upon which is based a 100-page report on characteristics and effects of compounds, with recommendations for further research. All items are numbered for retrieval through the subject index.

Haymes, Marita. *The geologic hazard of subsidence on the West Coast of Florida: a bibliography with historical introduction*. Sarasota, Fla., Environmental Studies Program, New College/University of South Florida, November 1975. 49 p. (Soon to be updated.)

Presents geological development of Florida peninsula and three aspects of subsidence: structural, groundwater withdrawal and mining processes. Over 300 citations.

D. Ward Attends ASP Meeting In Boulder

Dedy Ward represented GIS at the February 4 meeting of the Associated Society Presidents at Geological Society of America Headquarters, Boulder. He reports: "Most of the discussion centered around the financing and structure of the annual meetings, with a suggestion that the projected size of a society's program determine the number of representatives (currently two per society) sent to the Joint Technical Program meeting each summer at GSA Headquarters. Nothing was decided.

Information and ideas about the annual meetings were passed on to Dick Walker, who is GIS Vice-President and JTP representative. This year the luncheon *dates* of the various organizations will appear in the August 2 announcement so that attendees can better set their priorities. The July 1 deadline for papers submitted to GSA Headquarters for Seattle will be strictly adhered to.

We were reminded that the 1976 Denver Annual Meeting statistics were published in the *GSA news and information newsletter* February 1977. The 1976 annual reports of the GSA President and Executive Director were published in *Geology* March 1977."

Changes of Note . . .

Effective October 12, 1976, the Maryland Geological Survey's new address is: Merryman Hall, Johns Hopkins University, Baltimore, Md. 21218. Phone: (301) 235-0771.

As of January 1, 1977, *Tellus: a journal of geophysics* will be published by Munksgaard, Copenhagen. The previous publisher was the Swedish Natural Science Research Council, Stockholm.

New Members

Geology Library
Michigan State University
206 Natural Science Bldg.
East Lansing, Mich. 48824

Linda L. Samuels
Technical Librarian, Getty Oil Company
Exploration and Production Research Laboratory
3903 Stoney Brook
Houston, Texas 77063

Literature Citations

Bergquist, Wenonah E. Bibliography of reports resulting from U.S. Geological Survey technical cooperation with other countries, 1967-74. Wash., D.C., Govt. Print. Off., 1976. 68 p. (*U.S. Geological Survey. Bulletin 1426*)

Bibliography of Utah geology, 1975. *Utah geology*, vol. 3, no. 2, Fall 1976, p. 127-144.

An energy source directory. Compiled by Neal-Schuman Publishers, Inc. *Library journal*, vol. 102, no. 1, January 1, 1977, p. 33-76.

Hawkins, Donald T. Impact of on-line systems on a literature searching service. *Special libraries*, vol. 67, no. 12, December 1976, p. 559-567. (Experiences with 27 on-line literature searching systems in the Bell Laboratories Libraries and Information Systems Center.)

Langston, Ann L. and Rick Yapkowitz. A California regional classification scheme. *Western Association of Map Libraries. Information bulletin*, vol. 8, no. 1, November 1976, p. 6-19.

New Publications

Bibliography and subject index of South African geology, 1974. Pretoria, Republic of South Africa, Dept. of Mines, Geological Survey, 1976. 113 p. R 2,20; R 2,75 (foreign). Available from: The Government Printer, Bosman St., Private Bag X85, Pretoria 0001.

Dynamics of atmospheres and oceans. Vol. 1- 1976- Publication schedule 1976/7: two vols., five issues each. Amsterdam, Elsevier. \$122.25/Dfl. 318.00 (institutional); \$28.95/Dfl. 75.00 (personal).

Journal of energy. Vol. 1, no. 1- January 1977- Bimonthly. New York, American Institute of Aeronautics and Astronautics. \$38.00.

Metals and minerals, world directory of statistical sources. 2d ed. 1976. DM 25 (\$10.00). Available from: Roskill Information Services, Ltd., 14 Great College St., London SW1P 3RZ, England.

Mining international year book, 1977. \$33.00 surface mail; \$48.00 air mail. Available from: The Financial Times Ltd., Publishing Division, 10 Bolt Court, London EC4A 3HL, England.

Natural resources forum. Vol. 1, no. 1- October 1976- Quarterly. Published on behalf of the United Nations by D. Reidel, Dordrecht, Holland. Subscription price per volume: Dfl. 90,-/U.S. \$34.00, including Dfl. 10,-/U.S. \$4.00 for postage and handling.

NRC switchboard: selected information resources on cold regions. Comp. by National Referral Center, Science and Technology Div. July 1976. 11 p. Free on request from NRC, Science and Technology Div., Library of Congress, 10 First St. SE, Washington, D.C. 20540.

A listing of 35 organizations that will answer questions or provide information relating to polar and other cold regions. Each entry gives the name, address and telephone number of the organization and a brief description of its publications, information capabilities, and services.

NRC switchboard: selected information resources on petroleum and natural gas. Comp. by National Referral Center, Science and Technology Div. Revised May 1976. 22 p. Free on request.

This revised edition of a compilation published in August 1973 lists 100 organizations that will answer questions or provide information relating to petroleum and natural gas. The entries are arranged under three headings: Federal government, State agencies, and Other organizations.

Physics and chemistry of minerals. Vol. 1, no. 1- 1977- Quarterly. Berlin. Springer-Verlag. \$63.50.

Shorelines and beaches in coastal management: a bibliography, by Joseph M. Heikoff. 1976. \$6.50. (Council of Planning Librarians. Exchange bibliography no. 876). Available from: Council of Planning Librarians, P.O. Box 229, Monticello, Ill. 61856.

The World remote sensing bibliographic index. Comp. by Paul F. Krumpel. 1976. \$16.95 (U.S.); \$18.00 (foreign). Available from: Tensor Industries, Inc., Physical Resources Div., Remote Sensing Unit, P.O. Box 665, Merrifield, Va. 22116.

1977 GIS Officers

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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:

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GIS members are invited to contribute articles or news
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material to the Editor.

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