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# GIS newsletter

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## AGI Publishes Union List Of Field Trip Guidebooks

The American Geological Institute announces that the *Union list of geologic field trip guidebooks of North America* should be off the press by the time you receive this *Newsletter*. It will sell for \$20, with a special price of \$15 to members of GIS in good standing. Members will be mailed a special coupon good for the 25% discount, and the order must be accompanied by the original coupon (no copies, please). If you have already sent an order to AGI, mail the coupon, identify the order, and the discount will apply. AGI has recently published *AGI reprint series 3: Turbidites of the Northern Apennines: introduction to facies analysis*. The English translation of the Mutti and Ricci Lucchi paper on the classic turbidite area was reprinted from *International geology review* in March and is already in the second reprint. It is \$5 a copy, \$4 for bulk orders of 50 or more copies.

Other new publications are *Selected films on geology* (\$3.00/copy); *Maps and geological publications of the United States: a layman's guide* (\$3.00/copy); and *Mineral, fossil and rock exhibits and where to see them* (\$3.00/copy).

## Western Assn. Of Map Libraries Schedules October Meeting

The Western Association of Map Libraries has scheduled its Fall Meeting for October 11-13 at the College Inn, Reno. The tentative program:

Wed., Oct. 11, 1-5 p.m.  
Registration; welcoming remarks and announcements. Papers on cartography of early Nevada, Mines Library move, plans for a Nevada atlas, and NCIC West.

Thurs., Oct. 12, 9 a.m.-5 p.m.  
Business meeting. Papers on computergraphics for scene analysis, records and the cartographer, environmental mapping in Nevada, land use suitability mapping, remote sensing of the renewable natural resources, use of maps in instruction of remote sensing imagery interpretation, fire insurance mapping of Nevada, and the obsolete topographic map as a research document.

Fri., Oct. 13, 9 a.m.-1 p.m.  
Pyramid Lake Field Trip (optional; about \$5.00 per person).

Mary Ansari, Mines-Engineering Librarian, University of Nevada, Reno, is host for this meeting. She may be contacted by phone at (702) 784-6596 or by mail at Mines Library, University of Nevada-Reno, Reno 89557. All meetings will be held at the College Inn, 1001 N. Virginia St., Reno (across the street from the UNR campus). Inexpensive lodging is available at the College Inn.

## Guidebooks Committee Solicits Input For Holdings Checklist

An announcement from Bea Lukens, Chairman of the new GIS Guidebooks Committee:

The third edition of the Geoscience Information Society's *Union list of geologic field trip guidebooks of North America* has just been published by the American Geological Institute. A new Guidebooks Committee is beginning work on a supplement to include guidebooks which have been acquired since reporting for the third edition. The Committee feels that it might be easier for participants to use a checklist to report new guidebook holdings than to prepare forms for every new item held. In the effort to make data gathering less burdensome, the Committee is asking a number of libraries to report holdings for their immediate area. These reports will then be used to compile the checklist to be sent to all participants to report holdings.

Members who would like to contribute preliminary reports to be used in compiling the checklist please contact one of the Committee members:

Barbara Chappell, U. S. G. S. Library 950, 12201 Sunrise Valley Drive, Reston Va. 22092;

Marie Dvorzak, Winchell Library of Geology, 204 Pillsbury Hall, University of Minnesota, Minneapolis 55455;

Claren Kidd, Oklahoma Geological Survey Library, 830 Van Vleet Oval, Room 102, University of Oklahoma, Norman 73019;

Beatrice Lukens, Earth Sciences Library, Dept. of Geology and Geophysics, University of California, Berkeley 94720;

Marguerite Walsh, Texaco, Inc., Box 425, Bellaire, Texas 77401.

## IUGS Secretariat Moves To Ottawa

As of February 4, 1978, Dr. W. W. Hutchison will be the new Secretary General of the International Union of Geological Sciences. The IUGS Secretariat will be transferred from Haarlem to Ottawa. From April 1 on, all correspondence should be sent to the following address:

Dr. W. W. Hutchison  
International Union of Geological Sciences  
Room 177  
601 Booth Street  
Ottawa, Canada K1A 0E8

IUGS has changed the title of its quarterly *Geology newsletter* to *Episodes*, with the March 1978 issue. The new format and presentation is designed "to convey up-to-date information on scientific concepts and developments in the form of articles, reviews, reports and news items."

Mar. 20 1978

## Dick Walker Reports On International Conference

The London Experience  
by R. D. Walker, President

The International Conference on Geological Information took place April 9-12 at Imperial College of Science and Technology, London and the Geological Society of London (Burlington House). It was sponsored and organized by the Geological Information Group of the Geological Society of London and the GIS, together with the Australian Geoscience Information Association, Editerra (European Association of Earth Science Editors), and AESE (Association of Earth Science Editors). It was a most successful meeting with over 180 in attendance, representing Europe, North America, Australia, South America, India, and China. Thanks are due the organizers (A. P. Harvey and Judith Diment, of the Palaeontology Library, British Museum (Natural History) and DEDY WARD, University of Colorado, representing GIS.) Other GISers who helped Dedy were V. HALL, R. FARRAR, N. BURK and R. BROWN.

I will not attempt to give a detailed account of the Conference, but only pick out a few papers of particular interest to me, together with a few highlights. The Conference began on Sunday evening with an informal gathering, which got off a bit late because the keys to the bar were misplaced (we more than made up for lost time). The first of the meetings began with a review of geological documentation followed by state of the art reports from eight countries, ending with an excellent review of the international activities as reported by S. van der Heide of the Netherlands. In the next session the several aspects of geological documentation were presented by N. BURK, W. Cochran, J. Gravesteijn, J. MULVIHILL, G. RASSAM, J. Jeffery, and G. Lea. The latter's remarks were particularly provocative and presented the Conference's first look into the future of on-line information retrieval. Tuesday introduced the application of information handling from the view-point of various applied geologists, with rationale, description, and some suggestions for expansion and further exploration. In the afternoon visits were arranged to the Institute of Mining and Metallurgy, the British Museum (Natural History) and the Institute of Geological Sciences.

Documentations in specialized areas occupied the next session with excellent presentations beginning with the applications, availability, and value of satellite imagery by N. Press and followed by a most valuable description of bibliographic control of geological maps by J. Diment and J. SCHROEDER.

N. BURK presented the link between data and documentation and included a review of the relevant contributions made by previous speakers. This was followed by D. N. Wood's presentation of the problems, availability, and accessibility of translations in the geosciences (from an English language point of view.)

User viewpoints included presentation by three more GISers. J. BICHTELER discussed sources and services of geoscience information, R. WALCOTT spoke of the information transfer through I. U. G. S., and D. Parker reviewed the status of information education for geoscientists in the U. S. and Canada, providing an excellent roundup to this most important first step toward international concerns of bibliographic control and cooperation.

All that remained was to discuss any efforts that might be forthcoming toward a proposal of an International Association for Geological Information. After much discussion, a committee was appointed to select a representative body of persons to plan for future international activities. It was thought future meetings might advantageously be held in conjunction with the meetings of the International Geological Congress, *ergo* it was suggested the next such meeting be held in August 1980 with I. G. C. in Paris. All interested societies will soon be asked to indicate what kind of organization or association they favor; whether a federation of societies or a less formal representative program planning committee whose only responsibility would be to plan the next conference and to assist in appointing its successor in that task. I personally favor the latter and shall so propose to the GIS Executive Committee. I would however welcome any opinions the membership has concerning this matter. My main concern is that actions taken best serve our interests, promote the spirit of international cooperation, and serve the larger geoscience community in the best possible way. Any comments should reach me before June.

As I said earlier and in my closing remarks at the Conference, this was a most successful undertaking. It was a conference that, if there was a fault, was too ambitious. Future conferences should have a specific focus within the broad range of geoscience information activities and concerns, coupled with updating of the state of the art. Many new friendships were formed, many new insights gained, and much new knowledge exchanged. Good show!

## ACML To Hold Annual Conference In Victoria

Association of Canadian Map Libraries will hold its 12th annual conference June 11-15 in Victoria, B. C. Among the papers to be given are those concerned with Federal and provincial mapping, atlas projects, earthquake mapping, remote sensing/satellite mapping, and maps in environmental planning. A session entitled "Map Libraries: Looking Towards the Year 2000" discusses maps and computers and maps on microform. Registration fees are \$20 for members, \$25 for non-members. Daily fees are \$7.50 for members; \$9.00 for non-members. Further information may be obtained by writing the ACML, University Map Collection, Room 142 Cornett Building, University of Victoria, P. O. Box 1700, Victoria, B. C. V8W 2Y2.

## Literature Citations

Bibliographie geologischer Literatur aus Österreich für das Jahr 1975. Prepared by the Bibliothek der Geologischen Bundesanstalt. *Austria. Geologische Bundesanstalt. Verhandlungen*, heft 1, 1976, p. A-223-265.

Fournier d'Albe, E. M. Select bibliography of UNESCO publications, reports and documents relating to seismicity. *Netherlands. Meteorologisch Instituut. Publication no. 153*, 1976, p. 102-3.

Gaal, G. et al. Pohjois-Suomen malmitiedostoprojekti. Summary: Ore Data File Project for Northern Finland. *Finland. Geologinen Tutkimuslaitos. Tutkimusraportti. (Report of investigation) no. 26*, 1977. 79 p.

"An ADP-based data file has been built up from the data of 94 mineral deposits in Northern Finland. The project was carried out at Helsinki University of Technology between 1973 and 1976. The project is now being expanded at the Geological Survey of Finland to collect data covering the whole of Finland."

Hickok, David M. Storage, transfer, and usage of Alaskan environmental information. *Arctic bulletin*, vol. 2, no. 10, 1977, p. 189-193.

Königsson, Lars-König. Geoscience publishing in Sweden. *Geologiska föreningens förhandlingar, GFF*, vol. 99, pt. 4, no. 571, p. 328-335.

Orr, Janet R. Study of the *Arctic bibliography* and the abstracting and indexing services. *Arctic bulletin*, vol. 2, no. 12, 1978, p. 295-302.

Schorr, Alan Edward. Elmer E. Rasmuson Library - Alaskan-polar resources. *Arctic bulletin*, vol. 2, no. 12, 1978, p. 288-289.

Thatcher, Edward P. A map exercise and cartobibliography for a biogeography course. *Western Association of Map Libraries information bulletin*, vol. 9, no. 2, March 1978, p. 136-140.

Thuronyi, Geza T. Language distribution of Antarctic literature. *Antarctic journal*, vol. 12, no. 4, October 1977, p. 202-203.

## California Division Of Mines Issues Earthquake Catalog

California Division of Mines and Geology has released a catalog of information on 40,000 earthquakes that have shaken California between 1900-1974. The new catalog is in the form of a magnetic tape (7- or 9-track, BCD, 800 bpi, even parity). A microfiche version will be available for users without a digital computer. For the period 1900 through 1931, before statewide seismographic coverage was established, only earthquakes of magnitude about 4 or greater are included. The 517 earthquakes in this period are described in CDMG's *Special report 135* (in press). For the years 1932 through 1974, the catalog combines information on events of all recorded magnitudes from the University of California, Berkeley, the California Institute of Technology, and the U. S. Geological Survey records. Data for each earthquake

includes the date, time, epicenter location, focal depth, magnitude, maximum intensity, areas affected, and source of information. Records of destructive earthquakes also include the number of lives lost and estimated damage in dollars. Updated editions of the catalog will be issued once a year and will include new information collected by Division seismologists. The *Earthquake catalog of California 1900-1974 - Magnetic tape* can be obtained by mail from the California Division of Mines and Geology, Sacramento District, 2815 O Street, Sacramento 95816. The cost is \$45.00 (plus 6% tax for California orders) prepaid for U. S. orders and \$80.00 prepaid for foreign orders.

## Position Open

*Position Title and Grade:*  
Librarian, GS-9 (\$15,090 per annum)

*Location:*  
U. S. Geological Survey  
Reston, Virginia 22092

*Qualifications:*  
MLS degree. Thorough knowledge of Anglo-American Cataloging Rules. Prefer applicants with some academic background in earth sciences and foreign languages. OCLC experience desirable.

*Duties:*  
Functions as a specialist in cataloging of cartographic materials. Serves as one of a team of professional catalogers for a large research library in the earth sciences. Is expected to perform classification and cataloging for single maps as well as serial map publications, and analytical cataloging as required. Performs full descriptive and subject cataloging, as well as recataloging as required. Performs full descriptive and subject cataloging as well as recataloging when necessary. The U. S. Geological Survey Library produces all cataloging records through the OCLC system.

*Contact:*  
Submit a completed SF-171 to and/or request further information from Mr. Bob M. Reed, Chief, Catalog Section, U. S. Geological Survey Library, National Center, Mail Stop 950, 12201 Sunrise Valley Drive, Reston, Virginia 22092. Phone: 703/860-6611; FTS 8-928-6611.

The U. S. Geological Survey is an Equal Opportunity Employer.

\*Candidates for professional library positions in the Federal Government should see that their names are placed on the appropriate Civil Service register. This may be done by filing an application (Form SF-171) with the Washington, D. C., U. S. Civil Service Commission—WAS, 1900 E Street, NW, Washington, D. C. 20415. **The Civil Service Commission has reopened the Librarians Register from April 17-June 16. Those interested in library positions in the Federal Government should submit Form SF-171 as soon as possible.**

## New Publications

*Annual review of earth and planetary sciences*. Vol. 6, May 1978. Editor: Fred A. Donath. \$17.00 (USA); \$17.50 elsewhere, postpaid. (ISBN 0-8243-2006-9) Annual Reviews, Inc., 4139 El Camino Way, Palo Alto, California 94306.

*Applied ocean research*. Vol. 1, January 1979. Quarterly. Special first year's subscription, if paid before December 30, 1978: \$58.00 (£28.00). After that date: \$73.00 (£35.00). CML Publications, 6 Cranbury Place, Southampton SO2 0LG, England.

*Bibliography and index of Kansas geology through 1974*. Comp. by the American Geological Institute. July 1977. 189 p. \$3.50. (*Kansas Geological Survey Bulletin* 213) Available from: Kansas Geological Survey, 1930 Avenue "A," Campus West, The University of Kansas, Lawrence 66044.

Calkins, James A. et al. *Description of CRIB, the GIPSY retrieval mechanism, and the interface to the General Electric MARK III Service. CRIB, the Mineral Resources Data Bank of the U. S. Geological Survey—guide for public users*, 1977. 1978. 49 p. (*U. S. Geological Survey Circular* 755-A) Free on application to Branch of Distribution, U. S. Geological Survey, 1200 South Eads Street, Arlington, Va. 22202.

*Collection, storage, retrieval, and publication of water-resources data*. 1978. 39 p. (*U. S. Geological Survey Circular* 756) Free on application to Branch of Distribution, USGS.

A series of papers presented by members of the USGS at the International Seminar on Organization and Operation of Hydrologic Services, Ottawa, Canada, July 15-16, 1976.

*Glaciology data*. No. 1, 1977. Free upon request to: Marilyn J. Shartran, ed., Glaciological Data, World Data Center A: Glaciology, Institute of Arctic and Alpine Research, University of Colorado, Boulder 80309.

This publication supersedes *Glaciological notes* and will be published three or four times a year by the World Data Center A: Glaciology. Issue no. 1, entitled "Avalanches," contains an annotated glossary of avalanche terms, a discussion of procedures and problems in avalanche data collection, reports on research activities and "Avalanches: a selected bibliography, 1950-77" on pages 41-127.

*A guide to obtaining information from the USGS, 1978*. Compiled by Paul F. Clarke, Helen E. Hodgson, and Gary W. North. 1978. 36 p. (*U. S. Geological Survey Circular* 777) Free on application to Branch of Distribution, USGS.

Keefer, Eleanor K. and Calkins, James A. *Description of individual data items and codes in CRIB. CRIB, the Mineral Resources Data Bank of the U. S. Geological Survey—guide for public users*, 1977. 1978. 32 p. (*U. S. Geological Survey Circular* 755-B) Free on application to Branch of Distribution, USGS.

Kugler-Gagnon, M. *The geoscientific information system for the North Montreal Region*. 1977. 15 p. (Canada. Geological Survey. Paper 76-26) (Catalogue no. M44/76-26; ISBN 0-660-00842-4) Available for \$2.50 (Canada), \$3.00 (other countries) from the Geological Survey of Canada, 601 Booth Street, Ottawa, K1A 0E8.

*List of translations in the Library of the Geological Survey of Canada: no. 4*. Compiled by Doreen M. Sutherland and Le'Anne Friday. 1977. 28 p. (Canada. Geological Survey. Paper 77-27) Catalogue no. M44/77-27; ISBN 0-660-01502-1) Available for \$2.50 (Canada) or \$3.00 (other countries) from the Geological Survey of Canada.

This fourth listing of translations, prepared by the Translation Bureau, Dept. of the Secretary of State, for the Geological Survey of Canada, contains selected titles of translations requested by the staff between 1974 and 1976. Previous listings are contained in *GSC papers* 70-62, 72-16 and 74-58.

*Oceanic micropaleontology*. Vol. 1. Edited by A. T. S. Ramsay. New York, Academic Press, 1977. 808 p. \$87.00. (LC 76-1097; ISBN 0-12-577301-3)

"A state-of-the-art volume on investigations of selected areas for research in oceanic micropaleontology. Excellent illustrative matter. For in-depth collections on geology and oceanography."

*Suggestions to authors*, sixth edition, by E. E. Bishop, E. B. Eckel and others. Arlington, Va., U. S. Geological Survey, 1978. 273 p. \$6.25.

"A greatly revised and updated version of the edition of 1958. Although prepared for the special needs of authors of Geological Survey reports, much of the volume should be of help to other writers of technical and scientific reports."

Webster, G. D. *Bibliography and index of Paleozoic crinoids, 1969-1973*. Boulder, Colo., Geological Society of America, 1977. 235 p. on three 24x microfiche. \$4.50. (Geological Society of America. Microform 8) (LC 77-76475; ISBN 0-8137-6008-9)

Updates his *Bibliography and index of Paleozoic crinoids, 1942-1968*, issued as *GSA memoir* 137.

*Worldwide directory of national earth-science agencies*. Compiled by Wenonah E. Bergquist et al. 1978. 77 p. (*U. S. Geological Survey Circular* 771) Free on application to Branch of Distribution, USGS.

This updates the *Worldwide directory* published in 1975 as *Circular* 716.

## GIS Members In The News

BARBARA CHRISTY, formerly Librarian, Geology Dept., University of North Carolina, has joined the staff of the Library of Congress, Geography and Map Division.

## 1978 GIS Officers

**PRESIDENT:** Richard D. Walker, Library School,  
University of Wisconsin, Madison, 600 North Park Street,  
Madison, Wisconsin 53706 (608/263-2919 or 263-2900)

**PAST PRESIDENT:** John G. Mulvihill, Manager, GeoRef,  
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**VICE-PRESIDENT and PRESIDENT-ELECT:** Julie H.  
Bichteler, Graduate School of Library Science, The  
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Station, Austin Texas 78712 (512/471-3821)

**SECRETARY:** Elizabeth Behrendt, U. S. Geological  
Survey Library, Stop 914, Box 25046 Denver Federal  
Center, Denver, Colo. 80225 (303/234-4133 (FTS and  
commercial); home 303/279-5759)

**TREASURER:** Robert A. Bier, Jr., U. S. Geological Survey  
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commercial: 703/860-6671)

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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.

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