

# GIS newsletter

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## USGS Publishes OCS Report For Gulf Of Alaska Region

The fourth in a series of reports that provide affected states with current planning information on Outer Continental Shelf (OCS) oil and gas activities and their onshore impacts has been published by the U.S. Geological Survey.

Preceded by Mid-Atlantic, Pacific and South Atlantic summary reports, the latest USGS report *Outer Continental Shelf oil and gas activities in the Gulf of Alaska (including Lower Cook Inlet) and their onshore impacts: a summary report, September 1980* provides summary information regarding oil and gas resources, magnitude and timing of OCS activity, oil and gas transportation activity in the Gulf of Alaska region, including Lower Cook Inlet. Other summary reports required by Section 26 of the OCS Lands Act Amendments of 1978 and subsequent USGS regulations are being written or planned for the Gulf of Mexico, Beaufort Sea, and North Atlantic.

Copies of the 88-page report, published as *USGS Open-file report 80-1028*, may be obtained free upon request from the Office of OCS Information, U.S. Geological Survey, 640 National Center, Reston, VA 22092. Specific questions regarding the report may be directed to the chief of that office, David A. Nystrom, telephone (703) 860-7166.

## Non-Sandstone Deposits Seminar To Be Held In Colorado

A seminar emphasizing the geology of non-sandstone uranium deposits will be held May 4-5, 1981 at the Green Center, Colorado School of Mines, Golden, Colorado. Sponsored by the U.S. Geological Survey, the U.S. Department of Energy, and Bendix Field Engineering Corp., the seminar will present about twenty-five papers describing unconformity-related vein deposits and deposits in volcanic, intrusive igneous, and metamorphic rocks. The authors are Geological Survey, Bendix, and subcontractor personnel involved in research and deposit evaluation projects for the Department of Energy. Additional information may be obtained from: Geology Division, Bendix Field Engineering Corporation, P.O. Box 1569, Grand Junction, CO 81502.

## GeoRef Information System Announces New Service

GeoRef Information System, recorder and indexer of the world's geoscience literature, has announced its newest service, annual bibliographies by subscription. The service is offered to state geological surveys and eleven

have subscribed to date: Arkansas, Illinois, Indiana, Iowa, Kansas, Michigan, New Hampshire, New Mexico, South Carolina, Vermont, and Washington.

John Mulvihill, Director of GeoRef, reports that these surveys have been mailed a listing of all pertinent references added to the data base in 1979. The bibliographies are in an easy-to-read, easy-to-correct format. Each includes a serials list, citations by author, subject index, county index and rock unit index. Each is printed on 8-1/2 x 11 paper and produced directly from the data base through a Xerox 9700. Subscription rates are based on the number of references per state.

The geological surveys will edit their bibliographies and report omissions and corrections to GeoRef. GeoRef will make the corrections in the data base and will add references for the omitted documents. These added references will be included in next year's bibliographies sent to the subscribing states. By subscribing to an annual bibliography, a state geological survey can easily build a complete and accurate set of references. From these, GeoRef can quickly produce a cumulated state bibliography at a future chosen date.

## Second International Conference On Geological Information

May 24-28, 1982  
Colorado School of Mines, Golden, Colorado, USA

*Residents of the Americas contact Dederick C. Ward, Geology Library, University of Illinois at Urbana-Champaign, 223 Natural History Bldg., Urbana, Illinois 61801. All others write Anthony P. Harvey, Department of Library Services, British Museum (Natural History), Cromwell Road, London SW7 5BD, UK.*

*The International Conference on Geological Information brings together geoscience information specialists from all over the world. The first conference, held in London in 1978, attracted 190 participants from 22 countries. The meeting in Golden will combine technical sessions covering all aspects of geoscience information with visits to national and international geoscience information centers located in the Denver area. Hartley K. Phinney, Jr., Director of the Library, Colorado School of Mines, is in charge of local arrangements. Suggestions concerning the technical program should be directed to Ward or Harvey. The initial circular for the conference is scheduled for May 1981.*

## Geological Data Bases To Be Discussed In London

Representatives of GEOARCHIVE, GEOREF, and PASCAL will discuss their respective systems at a meeting on geological data bases at the Royal Horse Guards Hotel, Whitehall, London, on March 19. Users of the data bases will also speak. Demonstrations of the data bases will be given on March 20. The seminar is sponsored by the Geological Information Group and the UK Online Users Group. The cost is £16; £14 for members of the sponsoring organizations. Further information may be obtained by writing D. Halloway, Charter Consolidated Ltd., P.O. Box 106, Park St., Ashford, Kent (telephone: 0233-25700 or 01-353-1545).

## Vivian Hall Compiles Annotated Eastern Gas Shales Bibliography

*An Eastern gas shales bibliography selected annotations, gas, oil, uranium, etc., citations in bituminous shales worldwide* has been compiled by Vivian S. Hall, Geology Librarian, University of Kentucky. The 532-paged publication was prepared for the U.S. Department of Energy, Morgantown Energy Technology Center, Morgantown, WV, and published in June 1980.

"The bibliography contains 2,702 citations, most of which are annotated. They are arranged by author in numerical order with a geographical index following the listing. The work is international in scope and covers the early geological literature continuing through 1979." There are two addenda. "Addendum I contains a listing of the reports, well logs and symposiums of the Unconventional Gas Recovery Program (UGR) through August 1979. There is an author-subject index for these publications following the listing." The second part of Addendum I lists UGR maps with a subject-author index. Addendum II includes several important new titles on the Devonian shale as well as a few older citations found after the bibliography had been completed. A geographic index to the citations is included. Free copies of the bibliography may be obtained from:

Mrs. R.D. Manilla  
Morgantown Energy Technology Center  
U.S. Department of Energy  
P.O. Box 880  
Morgantown, WV 26505

Once the free supply is exhausted, the work may be purchased from:

National Technical Information Center  
U.S. Department of Commerce  
Springfield, VA 22161  
Paper copy \$26.00; microfiche \$3.50.

## Virginia DMR Issues New Reference Publications

Among the new publications cited in the 1980 catalog of the Virginia Division of Mineral Resources are two of interest to GIS members. *Directory of geologists employed in Virginia (exclusive of U.S. Geological Survey, Reston)*, by Harry W. Webb, Jr. (July 1980, 22 pages, \$1.50) consists of three sections: names of geologists with place of employment; localities, geological organizations, job titles and phone numbers, and employers and localities. There is also a brief list of selected USGS National Center key staff personnel and their phone numbers.

*Gold in Virginia* by Palmer C. Sweet is an attractive, 77-paged publication in 8-1/2 x 11 format, with 31 maps, 16 figures and two tables on gold production in Virginia. The report, number 19 in DMR's *Publication* series, provides "location data, including county name and also, where possible, quadrangle name and UTM coordinates; observations on current conditions at visited sites; and the primary literature references for 245 gold mines and prospects in Virginia."

Both publications may be obtained from the Virginia Division of Mineral Resources, Box 3667, Charlottesville, VA 22903. Orders to Virginia addresses must include additional four percent state sales tax.

## Report On The Presidents' Forum

The Professional Society Presidents' Forum met for the second time at the Annual Conference of the American Society for Information Science in Anaheim, October 1980. Nancy Pruett represented GIS both in a private meeting and in a public forum. In Anaheim the presidents agreed on four issues they wished to work cooperatively on and on a mode of cooperating further. The four issues are copyright, the generation, distribution and availability of federal, state and local governmental data bases, federal support for information services and public awareness of libraries and information services. The mode of working for the future includes a clearinghouse for information about the various issues to be routed to various societies, the establishment of a series of Washington briefings, and the continuation of meetings. The next meeting will be in conjunction with ALA Midwinter in February in Washington, D.C. Various documents of interest have already come to the presidents via the clearinghouse: A proposal for a National Institute for Information Policy and Research, a document prepared by the U.S. Department of Commerce entitled *The foundations of United States information policy* and President Carter's press release in response to the White House Conference.

Nancy J. Pruett

## Geoscience Information Society 1980 Annual Business Meeting November 17, 1980 Atlanta, Georgia

The meeting was called to order at 9:00 a.m. by President Rosalind Walcott. She thanked those who had helped her during the past year, especially Nancy Pruett for her program work and Mary Nell Maule for local arrangements. Four new members were welcomed. A note from Harriet Wallace, in which she responded to a letter of appreciation from GIS on the occasion of her retirement, was read.

The Guidebooks Committee Report in the minutes of the 1979 meeting was corrected as follows: "Beatrice Lukens reported that the committee now has 3500 information sheets from libraries with good guidebook holdings. These reports are now being cleaned up and reconciled. The committee also plans to send a checklist of guidebooks, which will include 1979 titles, to participating libraries to ease the reporting of holdings. It was also decided to prepare a 4th edition of the *Union list* rather than publish a supplement to the third edition. GIS has an ongoing agreement with AGI to publish and distribute the *Union list*. Dick Walker brought up the point that previous editions published by AGI did not give much credit to GIS for the work of compilation. He felt that this should be rectified for the next edition." The minutes were approved as corrected.

### OLD BUSINESS

*Program Report.* Nancy Pruett announced the various activities for this annual meeting and also thanked Mary Nell Maule for her help with local arrangements.

*Secretary's Report.* In a written report, Caryl Shields thanked Julie Bichteler for her help. 241 GIS members are on record as of November 11, 1980.

*Treasurer's Report.* Marie Dvorzak reported a balance of \$1,482.20 as of November 13, 1980, and a passbook balance of \$4,032.71 before interest. Income was \$4,821.97 and expenses \$5,052.03, for a net loss of \$230.06. The 1980 cost per GIS member was \$12.62, more than the \$12.00 annual dues.

*Nominating Committee Report.* Julie Bichteler reported that new officers are: Mary Scott, Vice-President (President-Elect), Nancy Crossfield, Secretary, and Marie Dvorzak, Treasurer.

*Membership Committee Report.* Jaunette Eaglesfield said target groups had been defined for the membership drive and 519 letters with GIS brochures were mailed out. Secretary Caryl Shields also sent a letter to *Geotimes* announcing the drive. 47 new members have joined GIS this year.

*Guidebook Committee Report.* Beatrice Lukens stated a guidebook checklist has been developed to aid libraries in reporting their holdings. The checklist has been sent to AGI for production. Preparation of the 4th edition is now in the hands of AGI's Publications Dept., with time and cost estimates due soon.

*USGS Open-file Report Committee.* Claren Kidd announced good news—all *Open-file reports* should be available on microfiche from USGPO to depository libraries soon, perhaps in January 1981. If you would like these, encourage your documents librarian to select this new item when it is announced. In a letter read by Mary Scott, GPO estimated 1,500-2,000 OFR's would be published in 1981. The Committee will look into possibilities of adding retrospective reports, too. Gary North, USGS, was thanked for his help. Julian Green suggested regional depositories might wish to get reports of local interest in hard copy in the future.

*Exhibits.* Dederick Ward suggested full-time staffing of our exhibit, which will be considered for next year's meeting. Proposed improvements could include photographs of phases of information service, and carry-away materials describing GIS and its services.

*Thesis Committee Report.* Vivian Hall reported preliminary citation collection is nearly done. About \$600 is needed to finish typing items from two of the five regions, and about \$500 is needed to produce a geographical and institutional index. Preparing camera-ready copy could cost another \$1,456. Use of work-processors was discussed. Several publishers have expressed interest in the project; these leads will be followed up.

*Publications Committee Report.* Marge Wheeler said the group is working on a copyright statement and on seeing that AGI gives proper credit to GIS in the next edition of the guidebook union list. The thesis bibliography would contain 27,500-30,000 titles, 9,000 of which are not in GeoRef. AGI will not add such titles to their bibliography unless GIS provides abstracts and funding. Recommended: No funds be committed until second cost estimates are in from the publishers and the membership is polled about spending.

*Second International Conference on Geological Information, Organizing Committee.* Richard Walker, liaison to the Organizing Committee, read an invitation from Hart Phinney offering Golden, Colorado as the site of the Second International Conference for the summer of 1982. By using facilities at the Colorado School of Mines, the room and board would be low, and the Denver area offers a number of possibilities for field trips. Walker suggested a three-day conference with an international theme, a local theme or both, or an update of the state-of-the-art review done at the First International Conference. The membership approved the site with enthusiasm.

*GIS Liaison to SLA.* John Crissinger reported that SLA's Geography and Map Division will continue and that there is now an ALA Map and Geography Round Table and a Cartographic Information Society.

*GIS Representative to AGI Board.* Julie Bichteler explained the Congressional Science Fellow program: Scientists from various fields act as science liaisons or assistants to Congressmen. The cost is c. \$22,000 per year, and AGI encourages member societies to contribute on a formula basis. The GIS Executive Board agreed to contribute our share of about \$120. AGI approved an Ian Campbell Medal; Marge Wheeler is on the awards committee. AGI plans to study and address the issue of restricted access to public lands, a problem for geologists.

*GIS Representative to GeoRef Advisory Board.* Dederick Wark described the GeoRef newsletter, available from Julie Jackson at GeoRef, and AGI's newsletter, *Geospectrum*. A newsletter or bibliography on mineral exploration is projected. A drive is underway to increase subscriptions to the *Bibliography and index of geology*.

*GIS Liaison to Cartographic Users' Advisory Council (CUAC).* Nancy Pruett reported that CUAC, formerly a committee of SLA, is now independent. GIS worked with CUAC on the open-file report problem and CUAC is also working to improve the depository system of the Defense Mapping Agency. GIS shall continue to participate.

*GIS Representative to the Professional Society Presidents' Forum.* Nancy Pruett attended two forums held at ASIS meetings in 1980. In Anaheim in October, the group defined four areas of mutual interest: Access to government information, federal funding for information services, public awareness of such services, and copyright. It also proposed a clearinghouse of information for member societies and briefing sessions in Washington, D.C., on legislation, etc. Recommended: That GIS participate in all activities of the Presidents' Forum in which we have some special expertise to contribute.

*GIS Newsletter.* Reggie Brown thanked all contributors and displayed the new 1980 *Membership directory*, files for which are now on disc.

#### NEW BUSINESS

*Dues Increase.* See Treasurer's report. Expenses include increasing publishing costs and charges formerly paid by members or institutions. Suggestions about alternatives to the *Proceedings* were referred to the Publications Committee. A motion was made and seconded that individual dues be raised to \$20 and corporate dues to \$30 for 1981. Passed unanimously.

*Amendment of Bylaws, Article 4, Section 5.* (Terms of office). After discussion, it was moved, seconded, and passed that the Secretary mail ballots to the membership with the amendment proposal that the offices of Secretary and Treasurer be made two-year staggered terms. Two-year terms would provide continuity and reduce confusing annual transition periods. *Article 3, Section 3.* (Elections). It was moved, seconded, and passed that the membership also be polled on an amendment proposal to shift the task of preparing, mailing, and counting election ballots from the Secretary to the Nominating Committee. This would reduce the Secretary's workload and avoid conflict of interest.

*Duties of GIS Secretary.* Past office-holders agreed these duties have increased considerably and should be reduced. Caryl Shields' description of present duties was read, suggesting a split of publication and membership-related tasks. Nancy Pruett proposed appointment of a Publications Manager to take over sales and develop a creative approach to marketing society publications. This will be tried in 1981.

*GIS Bulletin.* Nancy Pruett presented the possibility of publishing a society *bulletin* which could either supplement or replace the annual *Proceedings* volume. In discussion, favorable aspects included relief for the *Proceedings* editor (who must otherwise harass late contributors or decide to publish without receiving some papers), more flexibility in the time contributed papers could be received, greater flexibility in length of papers, and provision of an outlet for papers other than those presented at the annual meeting. Points against a new publication included the possibilities that a regular bulletin might prove more time-consuming to edit than an annual volume, more expensive to produce and mail, and more necessary to referee to ensure quality. Another option proposed was to consider expansion of the *Newsletter*. Richard Walker moved that an ad hoc committee be appointed to explore alternate publication and to report back to the Executive Committee at the next annual meeting. Seconded and passed unanimously. The committee will explore possibilities, costs, editorial needs, etc.

*Announcements and Comments.* R. Walker announced that the RECON system at Oak Ridge is about to go public and offer 19 different DOE files to vendors. Walker is assembling a worldwide list of non-bibliographic data bases on geology and mineral resources which will be available commercially in 1981. Julian Green suggested a GIS liaison to GSA's Decade of Geology Committee.

*Committees.* Members were urged to volunteer for committee work of interest to them. Final committee appointments will be published in the *Newsletter*.

The meeting was adjourned at 11:45 a.m.

Respectfully submitted,  
Nancy Crossfield,  
Secretary

### Geoscience Information Society Roster of Committees and Representatives 1981

#### *Executive Committee*

Nancy J. Pruett (President), Chair  
Rosalind Walcott (Past President)  
Mary Scott (Vice-President/ President-Elect)  
Nancy Crossfield (Secretary)  
Marie Dvorzak (Treasurer)

#### *Ad Hoc Committee on Alternative Publications ("The Bulletin Committee")*

John Crissinger, Chair  
Skip McAfee  
Maryann Whitney

#### *Union List of Field Trip Guidebooks Committee*

Bea Lukens, Chair  
Barbara Chappell  
Marie Dvorzak  
Claren Kidd  
Margy Walsh

*Thesis Committee*

Vivian Hall, Chair  
Reggie Brown  
Susan Coniglio  
Nancy Crossfield  
Louise Zipp

*Nominating Committee*

Rosalind Walcott, Chair  
Elizabeth Behrendt  
Vivian Hall

*Ad Hoc Committee on Open-file Reports and  
Committee to Advise Geoscience Information Publishers  
and Producers (CAGIPP)*

Claren Kidd, Chair  
Bob Heidlage  
Carol Hutchins  
Pat Sheehan

*Exhibits Committee*

Dorothy White, Chair  
Joanne Groenwald Lerud  
Nancy Thurston

*Membership/ Recruitment Committee*

Miriam Sheaves, Chair  
Judy Mimken  
Jim O'Donnell

*Publications Committee*

Marge Wheeler, Chair  
Julie Bichteler  
Margy Walsh

*Publications Manager*

Jean Eaglesfield

*Program Committee and Representative to JTPC*

Mary Scott

*Newsletter Editor*

Reggie Brown

*Ad Hoc Committee on Archives*

Trudy Sinnott, Chair

*Committee for the Second International  
Conference on Geological Information*

Dederick Ward, Chair and Representative to the  
International Organizing Committee  
Julie Bichteler  
Claren Kidd  
Dan Merriam  
Hart Phinney  
Mary Scott  
Richard Walker

*Membership Directory*

Reggie Brown

*Directory of Geoscience Libraries*

Reggie Brown

*Cartographic Users Advisory Council (CUAC)*

Nancy Pruett

*AGI Governing Board*

Julie Bichteler

*Professional Society Presidents' Forum*

Nancy Pruett (ex-officio)

*Liaison to the Decade of North American Geology Program*

Rosalind Walcott

*Additional appointees needed*

GIS tries to maintain liaisons with various other professional organizations. Liaisons take the responsibility for reporting on aspects of the meetings or activities of the group which would be of interest to GIS members as well as representing GIS when necessary. If you normally attend meetings of one of the following organizations and would like to be our official liaison for this year, please contact Nancy Pruett to volunteer.

ASIS (American Society for Information Science)  
SLA G&MD (Special Libraries Association,  
Geography and Map Division)  
SLA Natural Resources Division  
SLA Petroleum Division  
ALA Map and Geography Round Table  
Cartographic Information Society

We're also willing to appoint someone to represent us and keep us informed about the activities of various cataloging groups, and we need someone in the Washington area to attend the Presidents' Forum Washington Briefings.

## News Items

Word has been received of the death of GIS member DR. RICHARD PEARL, professor of geology, writer, publisher, editor of *Earth science*, November 28. The Society extends its condolences to his family.

F. BOYD HOFFER, Librarian, Virginia Division of Mineral Resources, Charlottesville, has retired.

DOROTHY VITALIANO, Geologist, U.S. Geological Survey, Bloomington, IN, has accepted an invitation to be one of the Sigma Xi national lecturers for a two-year term beginning in July 1981. Her lectures will be on Geomythology (the folklore of geology) and on the Bronze Age eruption of Santorini, its effect on Minoan civilization and the possible source of the myth of Atlantis.

The Postmaster in Boulder, Colorado requests that correspondence to the Geological Society of America be addressed to P.O. Box 9140, rather than 3300 Penrose Place. The zip code 80301 is unchanged.

## New Members

Dace Budrevics  
Senior Librarian, Gulf Canada Ltd. Library  
P.O. Box 130  
Calgary, Alberta T2P 3C5, Canada  
403/233-3804

Peggy Makepeace  
Corporate Librarian, Murphy Oil Corporation Library  
200 Jefferson Ave.  
El Dorado, Arkansas 71730  
501/862-6411

Kathleen Zar  
Librarian, University of Chicago Library  
1100 E. 57th St.  
Chicago, Illinois 60637  
312/753-3447

## Literature Citations

(GIS members in caps)

Annotated bibliography of the geothermal resources of Montana. Compiled by Sandra A. Rautio and John L. Sonderegger. *Montana, Bureau of Mines and Geology, Bulletin* 110, 1980, 25 p.

ANSARI, MARY. A simple numeric filing system for 7.5- and 15- minute topographic maps: the McLane System. *Western Association of Map Libraries. Information bulletin*, vol. 12, no. 1, November 1980, p. 4-8.

Milazzo, V. A. A review and evaluation of alternatives for updating U.S. Geological Survey land use and land cover maps. *U.S. Geological Survey. Circular* 826, 1980, 19 p.

PRUETT, NANCY J. A geological perspective. The future is already here: products of the NGSDC. *Western Association of Map Libraries. Information bulletin*, vol. 12, no. 1, November 1980, p. 70-73.

## Positions Open

### HEAD, GEOLOGY LIBRARY

Administers a branch library of about 80,000 volumes, 250,000 maps, and 1,130 active serial titles. Duties include selection of materials with a current budget over \$45,000; provision of reference and library instruction services; preparation of budgets; establishment of policies and procedures in agreement with those of the University Libraries; supervision of 2 FTE staff and 1-1/2 FTE hourly employees.

The Geology Library serves the State of Indiana in a dual capacity. In its role as a component of the University Libraries, it serves 23 faculty and approximately 80 graduate students and the general student body, the business community, and the general public. As the library of the Indiana Geological Survey, it serves 39 Survey staff members and governmental units.

*Qualifications:* MLS from accredited school; three years of post-MLS academic library experience; knowledge of or experience with computer-assisted reference services; ability to implement library instruction program; ability to meet the responsibilities and requirements of a tenure-track appointment; knowledge of foreign languages and sciences desirable.

*Available:* July 1, 1981.

*Salary:* Dependent upon qualifications. Salary floors are observed: Assistant Librarian, \$13,500; Associate Librarian, \$17,000.

*Fringe Benefits:* 22 vacation days; Blue Cross/ Blue Shield, major medical; group life insurance; TIAA/ CREF annuity plan.

*Closing Date:* Not earlier than February 28, 1981. Send letter of application and résumé to:

Frances Wilhoit, Acting Personnel Librarian  
Indiana University Libraries  
Bloomington, IN 47405  
(812) 337-5988

An Equal Opportunity/ Affirmative Action Employer.

**REFERENCE LIBRARIAN.** Under the direction of the Head of Reference Services, performs reference services including some on-line bibliographic searches in the various physical sciences and the mineral industry engineering fields. Other duties include interlibrary loans for students and faculty and shared weekend and night duty during the academic year. Salary \$14,000 minimum. Master's from an ALA accredited library school required. Subject background in chemistry, other physical sciences or engineering preferred. CSM offers faculty status, sick leave and hospitalization and state retirement. Application deadline is March 15, 1981. The Colorado School of Mines is an Equal Opportunity/Affirmative Action Employer. Apply to: H. K. Phinney, Director of the Library, Colorado School of Mines, Golden, CO 80401.

## New Publications

*Antarctic meteorite newsletter*. Irregular. Free to interested scientists and institutions. Write Lyndon B. Johnson Space Center, Houston, TX 77058.

Derry, Duncan R. *A concise world atlas of geology and mineral deposits*. N.Y., Halsted Press, Oct. 1980. approx. 200 p. \$61.95 tent. (ISBN 0-470-26996-0).

*Geological nomenclature (English-Dutch-French-German-Spanish)*. Ed. by W.A. Visser for The Royal Geological and Mining Society of the Netherlands. 2d rev. and updated edition. The Hague, Martinus Nijhoff Publishers, B.V., 1980. 564 p. Dfl. 185.00/U.S. 95.00.

*Mineral atlas of the Pacific Northwest*. Moscow, University Press of Idaho, 1980. 30 p. \$8.95 pap. 2 color. 28 x 44 cm. Available from University Press of Idaho, P.O. Box 3368, University of Idaho, Moscow 83843.

Compiled, designed and produced by a team of cartography students under the direction of Dr. Alan A. DeLucia, Associate Professor of Cartography and Geography at the University of Idaho. Dr. DeLucia is also Director of the Cart-O-Graphics Laboratory of the Geography Dept., College of Mines and Earth Resources.

Snead, Rodman E. *World atlas of geomorphic features*. N.Y., Van Nostrand Reinhold, 1980. 2d ed. \$39.50. (ISBN 0-88275-272-3).

Vugrinovich, Raymond G. *Precambrian geochronology of North America, an annotated bibliography, 1951-1977*. Boulder, 1980. 142 p. \$4.00 *Geological Society of America*. MP-11. 773 bibliographic entries on two 24 x 98-frame microfiche.

*Water pollution: a guide to information sources*. Ed. by Allen W. Knight and Mary Ann Simmons. Detroit, Gale Research Company, 1980. 278 p. \$30.00. (Man and the environment information guide series, vol. 9). (LC 73-17537; ISBN 0-8103-1346-4).

## 1981 GIS Officers

**PRESIDENT:** Nancy J. Pruet, UCLA Geology-Geophysics Library, 405 Hilgard Avenue, Los Angeles, California 90024 (213/825-1055)

**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 (612/373-4052)

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.

**Editor:** Regina Brown  
Librarian, Orton Memorial Library of Geology  
The Ohio State University  
155 South Oval Drive  
Columbus, Ohio 43210  
614/422-2428

**Geoscience Information Society**  
**1980 Interim Financial Report**  
**January 1, 1980 To November 13, 1980**

Balance as of December 31, 1979	\$ 50.00	
Funds transferred to 1980 Treasurer	126.26	
Funds transferred from savings account	1,500.00	\$1,712.26

Income

Dues - Individual	\$2,772.00	
Corporate	350.00	
Newsletter Subscriptions	266.50	
Publications - Directory	35.00	
<u>Proceedings</u>	1,024.50	
GIS Luncheon	360.00	
Miscellaneous	13.97	
	\$4,821.97	\$4,821.97

Expenses

Newsletter - Printing	\$1,084.80	
Postage	299.67	
Proceedings - Printing	2,100.00	
Postage	260.00	
GIS Stationery - Printing	156.50	
AGI Dues	272.00	
Travel	335.00	
Membership Committee	128.92	
Guidebooks Committee	243.49	
Miscellaneous Postage and Supplies	150.84	
Miscellaneous	20.53	
	\$5,052.03	\$5,052.03

Balance		\$1,482.20
Net Gain (Loss)	(\$230.06)	

Savings Account

Balance as of December 31, 1979	\$5,532.71
Funds transferred to checking account	-1,500.00
Interest earned	236.52
	\$4,269.23

Submitted by Marie Dvorzak, Treasurer  
November 14, 1980