

GIS newsletter

No. 90 ISSN 0046-5801 October 1984

GIS ANNUAL MEETING, RENO, NOVEMBER 5-8, 1984

- Sunday, November 4 0300-0500 Executive Board Meeting. MGM: Mayer.
- Monday, November 5 0900-1030 Discussion group on subject indexing. Chaired by Elizabeth Morrissett. MGM: Director's Room.
- 1030-1200 Discussion group on map cataloging. Chaired by Jean Eaglesfield. MGM: Director's Room.
- ✓ lunch with Mary + Jim.
1400-1800 Contributed papers session. (To be combined with Geological Education. Co-convenor: Sarah How.) MGM: Palace A and B.
- 1800-2100 Cocktail Reception. MGM: Metro A.
- Tuesday, November 6 (Election Day) 0830-1130 GIS Business Meeting. MGM: Caruso's Restaurant.
- 1145-1330 Luncheon with invited speaker, Allen Agnew (consulting geologist; recently retired from the Congressional Research Service), "The Alluvial Valley Floor Amendment and Other Congressional Anecdotes." MGM: Caruso's Restaurant.
- 1330-1730 GIS Symposium, "Maps in the Geoscience Community." MGM: Capitol 1.
- ✓ dinner - 3 ICGI -
Wednesday, November 7 0800-1300 Field trip to Carson City and Lake Tahoe.
- 1400-1600 Poster Session.
- 1600-1800 GIS GeoRef Users Steering Committee Meeting. MGM: Metro A.
- ✓ Susan on preservation.
Thursday, November 8 0830-1200 GeoRef/AGI Workshop. MGM: Grand.
- 1330-1600 GeoRef Feedback Meeting. MGM: Metro B.
- 1330-1600 Executive Board Meeting. (Place to be announced.)

GIS FIELD TRIP TO CARSON CITY AND LAKE TAHOE

GIS will conduct a 115-mile field trip to Carson City and Lake Tahoe Wednesday, November 7. The excursion will include a drive along the north shore of Lake Tahoe and up the Truckee River Canyon, a mudslide area of 1983, and the Nevada State Museum. Dr. Joe Lintz, a Nevada geologist, will be the trip leader. Mary Ansari, GIS member, Reno, planned the field trip. The registration deadline for the field trip is October 15. The registration fee is \$20.00 (checks payable to the Geoscience

Information Society and sent to Mary Ansari/GIS Field Trip, Mines Library, University of Nevada, Reno, NV 98557-0044). Registration forms were enclosed with the last newsletter. The trip is scheduled from 8 a.m. to 1 p.m., but could run slightly over. Remember to bring some warm clothing for the higher elevations. Any further inquiries about the trip should be directed to Mary Ansari, 702/784-6596.

RENO RESTAURANT GUIDE SUPPLEMENT

Enclosed with this issue of the newsletter is a supplement to the "Selected Restaurant Guide for the Reno Area." Please attach this sheet to the original list.

ADDITIONAL INFORMATION ABOUT RENO

Reno Weather: Reno lies at the foot of the Sierra Nevadas and, consequently, is subject to the vagaries associated with mountain weather. IF the sun shines, early November days could be 40 - 50 degrees with temperatures dipping into the lower 20's or upper teens at night. Usually the nearby ski resorts do not open until Thanksgiving or even Christmas, but last year the snow season started early, and some of them opened in early November. Think sunshine November 7, the day of the GIS field trip.

Public Transportation: Local bus service (CITIFARE) is \$.60. Call 348-7433 for information and assistance.

Campus Information: For anyone wishing to visit the University of Nevada-Reno, the campus is located at the 900 block of N. Virginia St., about one mile from downtown and 2.5 miles on the freeway from MGM. We hope you will find time to visit Mines Library, which is located on the ground floor of Getchell Library. Mines Library's hours are Mon.-Thurs. 8 a.m.-10 p.m., Friday 8 a.m.-5 p.m., Sat. 1 p.m.-5 p.m., Sun. 1 p.m.-5 p.m., 7 p.m.-10 p.m. Getchell Library, which is the campus' central library, is open Mon.-Thurs. 8 a.m.-midnight, Fri. 8 a.m.-5 p.m., Sat. 10 a.m.-5 p.m., Sun. 10 a.m.-midnight. The Nevada Bureau of Mines & Geology is located on campus in the Schrugam Engineering-Mines Building and is open 8 a.m.-5 p.m., Mon.-Fri. The Nevada Historical Society is located directly north of campus at 1650 N. Virginia St.; its hours are Wed.-Sun. 10 a.m.-5 p.m.

Questions: Call Mary Ansari/Linda Newman/Nancy Martineau/Beverly Carter at Mines Library (702/784-6596). See you in Reno!

VOLUNTEERS NEEDED FOR GIS EXHIBIT BOOTH

NEEDED: volunteers to work the GIS exhibit booth at Reno. No special talent or beauty is needed, just plain-old people interest will do nicely. Volunteers are especially needed during the GIS Luncheon and the GIS Field Trip. Days and times the booth is open are: 9-5 Monday, 9-5 Tuesday, 9-4 Wednesday. If you are interested, please drop John D. Crissinger a note or give him a call: John D. Crissinger, Geology Library, VPI & SU, Blacksburg, VA 24061 (703/961-6101).

Reno conference attendees - be sure to visit the Geoscience Information Society exhibit booth while at the conference. The GIS booth is location #40.

MAPS DISCUSSION SESSION

A maps discussion session at the Annual Meeting is scheduled for Monday, November 5, 0900-1030 a.m. in the Director's Room of MGM. We plan to have this session in three parts. First, Hart Phinney of the Arthur Lakes Library, Colorado School of Mines, will summarize how the Colorado cartobibliography was prepared, including how funding was secured for this project. Hopefully, a copy of the bibliography will be available for inspection at the meeting. The second part of the session will be a general discussion about cataloging of maps. A third section will be a general discussion about any other map concern. Anyone who has specific issues that he/she wants to raise at this discussion session should contact Jean Eaglesfield (Lindgren Library, Rm. 54-200 M.I.T., Cambridge, MA 02139, 617/253-5679) as soon as possible.

GIS SYMPOSIUM: MAPS IN THE GEOSCIENCE COMMUNITY Tuesday, November 6 (Claren Kidd presiding)

Introduction.	1330
Gary W. North. National Mapping Program Information Update.	1335
James V. O'Connor. Maps: Paydirt of the Geoscience Curriculum.	1405
Kenneth L. Taylor. Geological Mapping in the Eighteenth and Nineteenth Centuries.	1435
Susan Klimley. Saving Geology Libraries: What's Available?	1505
Larry Cruse. Things to Consider Before Microfilming Geologic Maps.	1535
Janet K. Rudd. A Comparison of Map User Needs in Academic and Business Environments.	1605

TECHNICAL PAPERS

Monday, November 5 (Sarah E. How presiding)

Richard A. Spohn. Alternate Sources of Funding Geoscience Collection Development.	1400
H. Kit Fuller. Maps of Maps--Geologic Map Indexes by State Geoscience Agencies.	1415
Marilyn M. Stark. Evaluation of the Geoscience Collection.	1430
Dena L. Fracolli. An Investigation of Preparation and Costs for a State Bibliography of Geology.	1445
Theodore C. Smith. Provincialism: a Major Hindrance to Geologic Research. (Mr. Smith's presentation lasts 15 minutes. A paper on geology education will be presented at 1515.)	1500
Charlotte R.M. Derksen. Citation Overlap Among GEOARCHIVE, GEOFREF, PASCAL, and SCISEARCH.	1530

POSTER SESSION

Authors will be present from 1430-1630.

Nancy Jones Pruett*, Carol Horan, Dena Fracolli, Jim O'Donnell, Barb Pearson, Miriam Sheaves, Arleen Somerville, Marilyn Stark, Susan Thompson, MaryAnn Whitney. GeoRef Users Evaluate the Database.

Donald A. Wise. A Survey of Selected Geoscience Maps.

THE WASHINGTON BIBLIOGRAPHY--ONE STATE'S EXPERIENCE

by

Connie J. Manson
Senior Librarian,
Washington Division of Geology and Earth Resources

When I first came to the Division of Geology and Earth Resources (DGER), I asked my boss what they expected the librarian to do. Well, it would just be the standard stuff, he said: to run the library. Check in the new books and magazines and documents. Catalog the collection, index the maps. Circulate materials, chase down requests, help the public.

Oh, yes. And one other thing, he said. Of course you'll be maintaining the bibliography.

The Bibliography. They don't tell you about The Bibliography in Library School.

It's the comprehensive bibliography of the geology and mineral resources of Washington--underline comprehensive: Every monograph (document, trade, or business source). Every chapter from a proceedings volume or a compilation. Every journal article (professional and trade). Every abstract (from every published source). Every thesis (masters, PhD, and bachelors if you can find them). Every open-file report (state and federal). Every everything. If it's on the geology or mineral resources of Washington, and if it's "available", it's in. And they can't just be "captured" (heard of and accurately cited), they have to be correctly indexed by subject and geographic area, too.

And they come in fast. For Washington, we average about 700 citations a year--that's 2 a day, every day. Including Christmas.

This is hardly news to librarians at state geological surveys. Traditionally, state surveys have two primary functions: one is the state geologic map, and the other is the state geologic bibliography. And we all know about the information explosion. (In the 1950s we could expect about 150 citations a year; today, we get 4 or 5 times that many.) Keeping up with the state bibliographies has become a serious problem.

When I came to the DGER library in 1978, our bibliography was 16 years behind: the last comprehensive bibliography included materials through 1962. Our former librarian, William H. Reichert, had assembled a good compilation of citations from then until the early 1970's, but no matter how I looked at it, the bibliography was way behind.

I'd done small bibliographies before (a few hundred items at

a time) and I'm a cataloger at heart. But frankly, the bibliography terrified me. It was just too big-- over 5,000 citations. So I just kept putting it off, and the backlog just kept getting bigger.

THE GEOREF EXPERIENCE

Then I saw a GeoRef bibliography. It looked wonderful: all the citations, and indexed by subject, county and formation names-- it looked perfect. I called the librarians who'd worked with GeoRef on these things, and they all seemed pleased. GeoRef was fast, complete, and best of all, cheap. It was like a dream come true.

The "cheap" was important. We're a state geological survey. That means we're poor.

In August 1981 we signed the final contract with the American Geological Institute (AGI) to prepare the Washington bibliography, 1963-1980 on their GeoRef data base. (The \$12,700 fee to AGI was funded with a grant from the U.S. Bureau of Mines.) We received their final camera-ready copy in September 1982, and finally went to press on our edited version of it in October 1983.

From a two-year perspective, I can see that the problems we had with AGI stemmed from fundamental differences in definitions and expectations.

The citations in the GeoRef data had been input over a twenty-year span, and were a combination of the GeoRef data base and other data bases they had purchased and added to the file. In 1978 GeoRef adopted ISSN and ISBN styles and expanded their format for subject indexing. Consequently, the citations were in there with quite different styles of citation and indexing. GeoRef had attempted to "regularize" some of these differences, but for the most part left them as they were.

So, in the final camera-ready copy, we found many different citation styles. Styles acceptable to GeoRef would be this varied for one series:

Bulletin - United States Department of the Interior,
Geological Survey
Geological Survey Bulletin (Washington)
Geological Survey Bulletin (Washington, D. C.)
U.S. Geol. Surv., Bull.
U.S. Geological Survey Bulletin

When I first came to DGER I was amazed at how picky our editors were about citation format. But it isn't just us, it's the whole geologic community. Geology is a literature-intensive science, and their rules and reasons for geologic citation are as firm as their rules and reasons for stratigraphic nomenclature. I had expected GeoRef to be aware and sensitive of this. They're

not. GeoRef kept saying it was all right, that it didn't matter. That as long as it was in the serials list it was OK. Well, that might be acceptable to librarians, but it is not acceptable to geologists, and it was simply not acceptable to us.

We had other problems with the order and accuracy of the Citation list, but they paled beside this fundamental disagreement on citation format.

We had problems with their subject index, too. The three-tiered system GeoRef uses has some advantages, especially for on-line searching. But it's truly weird for a published bibliography.

Where's the stuff on Coal? It's not under "Coal"-- it's scattered throughout the index under [county] - ECONOMIC GEOLOGY - COAL. And the Subject Index only shows 4 items under coal in King County. You've got to be kidding-- that's one of our most important coal areas, and there are only 4 citations in 18 years? Where are the rest of the citations?

And what about Caves? Well, they're in there, but under GEOMORPHOLOGY - SOLUTION FEATURES - CAVES. And since there's no cross reference from "Caves," if I don't remember the formula, I have to go to the GeoRef thesaurus to figure it out. But most users don't have a GeoRef thesaurus.

And what about the Columbia Basin or the Columbia River or Mount Rainier? Well, they're in there, but not directly, and there are no cross references from these terms to the form used in this index. The trick, always, is that you need to know the answer before you can find it.

When we finally got the camera-ready copy, we did not send it to the printers. We couldn't. Our agency prides itself on maintaining standard USGS editorial style in all our publications, and this did not even come close. The GeoRef version was very pretty-- it had a lovely typeface and nice neat columns. But the citation section was in a horrible mess: in confusing order, in a mish-mash of editorial styles, and with far too many errors. The subject index wasn't as obviously bad, although, since it has so few cross references, it takes a GeoRef thesaurus and a lot of patience and ingenuity to use it well. So we spent a year re-editing, re-typing, and re-proofing the citation section, and correcting what we could in the subject index, before we went to press.

The bottom line, though, is that the bibliography got done (although not on time and not within budget).

We'd caught up with the bibliography through 1980. But by that time, it was October 1983. And the citations kept coming, 2 a day, every day. Including Christmas.

WHAT NOW?

The GeoRef experience taught me a lot. For one thing, I lost my awe and fear of computers: they're only big, stupid machines that count fast. But they're lovely: they count very fast, and they're very accurate. So I was convinced that we had to use a computer: any comprehensive bibliography was just too big to do by hand. But I knew it wasn't going to be GeoRef. Once was enough.

Much of my fear of the 1963-1980 bibliography was that I just couldn't face doing all that indexing and all that proofing by hand. But, in checking and correcting the GeoRef work, I ended up doing a lot of it anyway. So what had we gained?

I'd seen the problems with indexers who aren't tuned in to our needs and who really aren't familiar with our area. And I'd seen the need for a clean, consistent editorial style. The quality of the final product depends on the quality of the citation and the indexing: You just can't get around that. So I was more convinced than ever that if I was going to be this concerned about output, that I had to have much stronger control of input.

The answer: an in-house computer system, with our own formats for citations and indexing.

But we're still a state survey, and no richer than ever. So we couldn't afford some kind of time-share on a main-frame, or a private file on Dialog. From what we could find out, such systems could cost \$20,000 or \$30,000 a year, or more.

We shopped and shopped. I called all over the country, talking to every librarian I could find who knew anything about preparing a big bibliography on a computer.

I found a couple of software packages for mainframes (from the Washington Library Network, the National Library of Medicine, and others). But they were too big, and way too expensive. And they were MARC format. Who needs that? One of my biggest problems with this whole project has been trying to convince other librarians that cataloging systems won't work for this kind of bibliography. They might look kind of similar, but the formats and the products are very different. They won't work, and you can't make them work. Period.

We looked at Golden Retriever from CLASS. We decided against it: we couldn't get the format to exactly our style, and at that time the programming and documentation were too embryonic for comfort.

And then we found it: An IBM XT personal computer with dBase II and Wordstar programs. The whole package cost us \$6,600 (that's one third what we ended up paying GeoRef for the 1963-1980 bibliography), and with no additional expenses, except for paper

and ribbons.

One of our staff geologists, Bill Phillips, a sometime computer hacker, did the supplemental dBase II programming. (I can't praise or thank Bill enough. It took him the better part of two months to do the programming, and he took the time to really understand what I needed and why.)

But now we have the system we need. We've input the 2200+ post-1980 citations. We can search them on any field (author, date, title, publisher, subject, geographic) using Boolean logic. We can prepare special subject files and special bibliographies at whim. We can prepare authority files for authors, publishers, and subject and geographic headings. I can edit the entries and special bibliographies to my heart's content.

And I prepared the bibliography. We put in the 1800 citations 1981 to May 1984, and then let the computer whir and whir. We use dBase II and Wordstar in tandem: we sort on dBase II and then do the fine-tune editing on Wordstar. It works.

In June 1984, we issued the 1981-May 15, 1984 bibliography. The citations are in USGS format. The subject index lists items by area (subdivided by subject), formation name, and subject (subdivided by area and by subject subdivision), with appropriate cross references. (Caves are under CAVES, with a cross reference from GEOMORPHOLOGY.)

The citations are still coming in 2 a day, every day. But now I'm caught up and can handle it.

NAGT ISSUES CALL FOR CONTRIBUTIONS TO COMPUTER SOFTWARE PROJECT

The National Association of Geology Teachers plans to publish a volume dedicated to personal computer software for earth science educators. Anyone interested in submitting software for consideration for inclusion in this special publication should forward a brief description of the software to H. Robert Burger, Dept. of Geology, Smith College, Northampton, MA 01063. Detailed guidelines will then be supplied. To be included in the publication, software must run on a personal computer and be clearly applicable for use in courses at the undergraduate level or in secondary schools. Program descriptions and complete user's guides will be published in the volume and diskettes containing the programs will be available at cost from NAGT.

AGI'S MINORITY PARTICIPATION PROGRAM OFFERS SCHOLARSHIPS

The American Geological Institute will again offer scholarships for geoscience majors who are United States citizens and American-born members of the following ethnic minority groups: American Blacks, Native Americans (American Indian, Eskimo, Hawaiian, Samoan, or other qualified Native Minority), and Hispanics. 46 such awards (ranging from \$500 to \$1500) were granted in the 1984-1985 academic year, and approximately the same number will be awarded for 1985-1986. The term "geoscience" is used broadly to include major study in the fields of geology, geophysics, geochemistry, hydrology, meteorology, oceanography and space science. Monies for support/funding of this program are administered through the Institute's Minority Participation Program, and have come from six AGI member societies, more than 25 mining, petroleum, and geophysical companies, and several individuals. Requests for application materials or nominations for scholarships should be addressed to Andrew J. Verdon, Jr., Director of Education, American Geological Institute, 4220 King St., Alexandria, VA 22302. The deadline for filing the completed application is February 1, 1985.

LITERATURE CITATIONS

Bibliography of Oregon paleontology, 1792-1983, compiled by Elizabeth L. Orr and William N. Orr. Oregon. Dept. of Geology and Mineral Industries. Special paper 17, 1984, 82 p.

Bibliography of Wyoming, 1960-1969. Wyoming. Geological Survey. Bulletin 64, 1984, 240 p.

Peterson, Jocelyn A. Arizona mineral resource data: information available through the U.S. Geological Survey Mineral Resource Data System. U.S. Geological Survey. Circular 931, 1984, 31 p.

NEW PUBLICATIONS

(GIS members in caps)

ANDREWS, MARTHA. Holocene paleoclimates: an annotated bibliography. Colorado. University. Institute of Arctic and Alpine Research. Occasional paper no. 41. 1984. 2 vols. \$30.00 plus \$1.00 for shipping and handling. Occasional Papers, Institute of Arctic and Alpine Research, Campus Box 450, University of Colorado, Boulder 80309.

"This bibliography comprises some 1300 annotated references to the literature on Holocene paleoclimates, with special emphasis on high latitude and high altitude areas. Covering the past twenty years of research results published worldwide,

materials are included from the physical, biological, and earth sciences wherever environmental phenomena sensitive to climatic changes have resulted in proxy records. Arranged according to over a dozen subject categories, the references are indexed by author, title, keywords, dating methods, time period within the Holocene, and geographic area, with two maps also included for reference."

Geowriting, a guide to writing, editing, and printing in earth science. 4th ed. Edited by Wendell Cochran, Peter Fenner and Mary Hill. Alexandria, VA, American Geological Institute, 1984, 80 p., \$5.00. (LC 83-49529; ISBN 0-913312-72-X)

Resource and environment review. Vol. 1, no. 1, January 1985. Monthly. \$245 if ordered before Nov. 15, 1984; afterwards, \$285. (This includes an annual cumulative index and a 35mm microfilm annual volume.) Research Publications, P.O. Box 4078, Woodbridge, CT 06525.

This current awareness journal will monitor 1000 professional and technological journals in energy resources; mineral resources; land use and planning; agriculture, forestry and fisheries; water resources; ecosystems and wildlife; pollution, waste disposal and recycling; public health and safety; and general categories.

Salt, evaporites, and brines: an annotated bibliography. Compiled by VIVIAN S. HALL and Mary R. Spencer. 1984, 216 p., \$87.50. There is no charge for postage or handling on prepaid orders. (LC 83-42609; ISBN 0-89774-042-4). The Oryx Press, 2214 North Central at Encanto, Phoenix, AZ 85004.

This survey of literature covers publications relating to diapirism; economic, geological, geochemical, and geophysical aspects of salt; evaporated salt; mining; mineralogy; and underground storage capacities of salt, evaporites, and brines. Citations of works through 1980 and selected titles from 1981 are arranged alphabetically by author. Each author's publications are arranged chronologically, with the most recent first. The volume also includes subject and geographic indexes. This useful reference tool pulls together widespread information of interest to academic researchers, both faculty and students; geologists; chemists; and industrial employees who work with chemical, gas, or oil products.

NEW MEMBERS

Sandy Maxfield
Geoscience Librarian
University of Houston
4800 Calhoun
Houston, TX 77004
713/749-7348

Susan M. McDermed
Student
1711 Evergreen Road
Homewood, IL 60430
312/799-5071

Oregon Department of Geology and Mineral Industries
1005 State Office Building
1400 SW Fifth Avenue
Portland, OR 97201
GIS representative: Beverly F. Vogt, Publications Manager

Cheryl Sund
Librarian
U.S. Geological Survey
Box 25046 Federal Center, Mail Stop 914
Denver, CO 80225
303/236-1000

REPORTS OF GIS COMMITTEES AND REPRESENTATIVES

AD HOC COMMITTEE ON CAREERS IN GEOSCIENCE INFORMATION (Nancy L. Crossfield, Chair)

The Committee, composed of Nancy Crossfield and Kathryn Hale, was charged to publicize the brochure Careers in geoscience information, produced for the Geoscience Information Society in 1983. During 1984, copies of the brochure were sent with letters describing its availability and requesting that it be mentioned in publications of the following: over 70 library schools in the U.S. and Canada; directors of state education associations; subject-oriented education groups such as the National Association of Geology Teachers; and various library and information science professional organizations. Copies and special letters requesting publicity were sent to editors at AGI, AGU, ASIS, AESE, Library journal, and others. Prepared packets were sent to the GIS Secreatry for mass amiling. It is hoped that this active marketing will quickly bring our Careers brochure to the notice of career counsellors, students, and many other potential readers.

AD HOC COMMITTEE ON UNIVERSITY MICROFILMS/MAP STANDARDS (Susan Klimley, Chair)

After collecting specific examples of UMI theses reproductions which had been poorly microfilmed, I discussed the microfilming with the Columbia University Preservation Department. It was at that time that it was brought to my attention that UMI was following Library of Congress microfilming specifications and could hardly be criticized for filming "irresponsibly." Since that revelation, I have talked to librarians and preservation specialists at the Library of Congress, U.S. Geologic Survey and universities who have raised a number of interesting and difficult questions regarding microfilm preservation of text/map monographs and serials. I have also had the opportunity to investigate the cost of making hard copy for some presently available microfilm maps. I will present the result of my research as part of the paper I will be giving in Reno, and hope that this information will be a basis of discussion within the University Microfilm/Map Standards Committee which will meet at that time.

GEOREF USER GROUP (Nancy J. Pruet, Chair)

The GeoRef User Group was founded in November, 1983, and is organized by a GeoRef User Group Steering Committee. The Steering Committee has designed and produced a questionnaire to solicit user input about GeoRef. The questionnaire was mailed out by GeoRef Information Services in June to all those on the mailing list for the GeoRef newsletter. Most of the returns are in now, and I plan to do the analysis before the end of September. Results will be presented as a poster session at the GIS meeting in Reno and summarized at the business meeting and at the GeoRef Advisory Council meeting in October. The results look like they should be very useful to the Steering Committee and to GeoRef.

LIBRARY U. OF T. URBANA-CHAMPAIGN

Although the questionnaire has been our major project for this year, we've also requested a GeoRef workshop at Reno, planned a User Group feedback session for the Reno meeting, and given GeoRef some advice on how to get rid of the duplicates in the file. Also, the User Group was recognized as an important subcommittee of the GeoRef Advisory Council at the GRAC meeting in the spring. Future Chairs of the GeoRef User Group Steering Committee will also be appointed to the GeoRef Advisory Council, to help represent the user's point of view.

The members of the GeoRef User Group Steering Committee for 1984-85 have been: Carol Horan, Dena Fracolli, Sarah How, Jim O'Donnell, Barbara Pearson, Miriam Sheaves, Arleen Somerville, Marilyn Stark, Susan Thompson, MaryAnn Whitney, Nancy Pruett (Chair) and John Mulvihill (GeoRef Liaison).--Nancy J. Pruett, 3144 Technical Library, Sandia National Laboratories, Albuquerque, NM 87185 (505/844-6430).

GIS REPRESENTATIVE TO THE CARTOGRAPHIC USERS ADVISORY COUNCIL (CUAC) (Nancy J. Pruett)

CUAC is made up of representatives from the American Library Association's Map and Geography Round Table (MAGERT), the Special Libraries Association's Geography and Map Division (SLA G&M), the Western Association of Map libraries (WAML), and GIS. Its charter is to work with federal agencies and other producers of cartographic products to improve the products and their availability. In January, 1984, CUAC met in Washington, DC, with representatives from the USGS, the Defense Mapping Agency, GPO and the Joint Committee on Printing. A report of that meeting was published in the February, 1984 issue of the GIS newsletter. CUAC will be meeting again the first week of January, 1985 in Washington, DC. Our agenda for this meeting is not yet set. I'll be looking forward to talking to GIS members about priorities for CUAC at the Reno meeting.

NEWSLETTER EDITORIAL BOARD (Miriam L. Sheaves, Chair)

The charge of the 1984 Newsletter Editorial Board (members: Barbara Christy, Marie Dvorzak, and Miriam Sheaves, Chair) was to finalize the two documents "Instructions for Contributors" and "Operational Guidelines for the Newsletter Editorial Board" and to solicit articles to be published in the GIS newsletter. The Board submitted drafts of the "Instructions" and "Operational Guidelines" to the GIS Executive Board for their review, and incorporated their thoughts into third drafts of each document, both of which were published in the June Newsletter for membership feedback. Although an August 15th deadline allowed only one week for membership response rather than the intended six-week deadline, as of the first week of September seven thoughtful responses were received, and were incorporated into the final drafts, to be approved by the Executive Board and presented at the GIS Annual Meeting in Reno.

The Board solicited and reviewed one article which was published in the December, 1983, Newsletter. The Board worked toward identifying other potential contributors and started preliminary planning of a survey of readers' ideas on topics for articles and types of articles desirable for the GIS newsletter. Ideas and suggestions from GIS members and other Newsletter readers are welcome at any time and authors are encouraged to submit their papers.



GEOSCIENCE INFORMATION SOCIETY

238 Overhill Road
Orinda, CA 94563
September 1, 1984

To: Executive and Guidebooks Committees
From: Beatrice Lukens, Chair, Guidebooks Committee

Subject: Guidebooks Committee Report for 1984

The Guidebooks Committee was appointed to work on the preparation of the fourth edition of the UNION LIST OF GEOLOGIC FIELD TRIP GUIDEBOOKS OF NORTH AMERICA at about the time that the third edition was completed. The preparation task was becoming so large that the Committee decided to try a different approach, preparation of a checklist to make reporting easier for participants. Information was gathered from a number of libraries and a checklist was prepared. This was very time-consuming but did help the contributors to report.

In addition to the returned checked checklists, report forms were received for new titles not on the checklist, titles already listed in the third edition of the UNION LIST or on the New Guidebooks list, and titles which really were not guidebooks.

All report sheets received were roughly sorted according to the UNION LIST numbers which were assigned by contributors. Comparison of reports usually produced questions. Titles were not reported in the same way by all participants. It was necessary to determine the entry to be used for the primary listing using the established guidelines and to decide which entries were to be used as secondary entries. Undocumented titles took extra time. Library research was needed to verify information about such titles. When no information was readily available, titles were returned to the contributor with a request to supply the needed documentation or information.

The new titles neither represented in the third edition of the UNION LIST nor on the New Guidebooks list have been forwarded to John Mulvihill for input into the UNION LIST database. The present task is adding the holdings of participants to the computer print-out sheets, a combined list of titles in the third edition of the UNION LIST and on the New Guidebooks list. When this task is completed, the final activity will be the revision of the preliminary pages.

A recommendation has been made that future checklists of New Guidebooks be prepared from the computerized records in GeoRef. For some time, the guidebooks in GeoRef have been identified to make it possible to create this list. The plan is to produce the checklist of New Guidebooks in the same format as entries in the UNION LIST. It is easier to check a list, and the preparation of the checklist by GeoRef will make it possible to produce more current future editions.

Bea Lukens



GEOSCIENCE INFORMATION SOCIETY

29 August, 1984

To: Unni Havem Rowell, GIS President
From: Dena Fracolli Stepp, Membership Committee Chair
Copies To: GIS Board Members, GIS Membership Committee Members, Newsletter
RE: Membership Committee Annual Report, August 1984

The main charge or purpose of the Membership Committee has been to solicit new members for GIS. This year, we plan to contact foreign surveys and ALA-accredited library schools. If financially possible, we will then contact some corporate geoscience librarians who are not yet GIS members. The committee is considering placing GIS informational ads in such journals as GEOTIMES, Special Libraries, AAPG Bulletin, etc. Last year our mailings secured 11 (31%) of the 35 new members.


It has been proposed that the Membership Committee take over the maintenance of membership records for the production of mailing labels, membership directory, etc. The Committee has accepted this charge, and is in the process of doing the necessary computer programming.

It has also been proposed that the Membership Committee take over the reception of membership renewals and additions. The Committee will accept this charge if an additional person is added to the committee to accomplish the following tasks:

- send out and receive renewal mailings
- receive new member's applications and receive dues
- send dues to the Treasurer
- send list of new members to Ralph Farrar for membership database updates

The Membership Committee has discussed the possibility of GIS having reduced dues for retired members or students. We feel positive about this step, but wish to postpone a decision pending more information on how this would affect the Society's financial position, and on how difficult the record maintenance for such a fee schedule would be. Input from the Society is desirable.

Respectfully submitted,


Dena Fracolli Stepp
Membership Chair



GEOSCIENCE INFORMATION SOCIETY

Report of the Publications Manager 1983-84

1984 was a year of consolidation for our publications. We established standing orders for Proceedings; set up a regular procedure for announcement of publications; disposed of the guidebook, and sold a few books. Most of the developments took place with the Proceedings and the guidebook: there was little activity in terms of the Newsletter.

Proceedings

Sales of Proceedings have been pretty brisk, the major reasons being the establishment of standing orders, the publication of volume 12 late in 1983 and the publication of v. 14 in 1984.

The newly instituted standing orders on Proceedings have been successful: almost every organization which subscribes to the Newsletter has established an SO (19 out of 20.) I expect the number of SOs to level off at about 20, too.

We tried out a new policy with these standing orders: the invoice accompanied the volume. Previously everything was handled on a proforma basis. The jury is still out on this experiment: after 4 months I still don't have all the payments from the original group of mailings, but I do have more than half of them. We'll wait and see: if the business of sending dunning letters doesn't become too onerous, I do think this is a better way to go, especially in light of the diminution of paperwork.

Since October of 1983, Inventory Manager Aphrodite Mamoulides has shipped 22 copies of volume 12 and 20 copies of volume 14. She has also shipped a smattering of copies of other volumes.

I produced a new "Available Publications" list, which included reduced prices on volumes 2-9, and some group bargains as well. This sale will last indefinitely. Copies of this list were included in a Newsletter mailing, and response has been good.

Guidebook

In late May, I wrote to 8 individuals and organizations asking if they were interested in a gift of some or all of our copies of Environmental Geology of the Pittsburgh Area. The response was gratifying: I sent three copies each to the USGS and the University of Cincinnati Libraries and all the rest (335 copies) to the Pennsylvania Geological Survey's Pittsburgh office. Arthur Socolow (Head of the PGS) assures me that these are available upon request to the Pittsburgh office of the Survey. PGS was willing to pay postage, but Aphrodite said Shell would, so we left it at that.

I'm convinced that this was the most sensible route to take regarding the guidebook: while we might have sold a few copies by focussing an advertising campaign on the same individuals and organizations to whom I wrote, this would have been much more labor-intensive and of little real impact on the number of copies we

LIBRARY OF L. URBANA-CAMPAIGN

had sitting around. The reprinting was not (from a retrospective point of view) the smartest decision ever made, and I think placing it with the folks who got it is the best we could have done. It has also convinced me that we should not reprint anything when it goes out of print.

Newsletter

The number of subscribers has gone up, from 18 to 20. The subscription price will (I presume) remain at \$20 US and Canada/ \$22.50 elsewhere for the coming year. Renewal notices will be sent out mid-November.

Missing issues claims are still slow, due to the forwarding of claims from AGI to MaryAnn to me to Reggie. When the procedure is altered as we decided at the Indianapolis meeting, processing of claims will be much faster.

Publicity

I embarked on a modest publicity campaign, sending several press releases (regarding the publications of volumes 12 and 14, and about the half-price sale) to the Journal of Geological Education, EOS, AAPG Bulletin, base line, WAML Information Bulletin, Geology and SLA G&M Bulletin.

I revised the publications list to become an "Available Publications" list and thus dropped all of our out-of-print titles from it. In future, I plan to make this a standard procedure: Volume 5 will be the next item to disappear from the list. The list went out with Newsletter 88, and I expect to include a new one with the Newsletter whenever a revision is done. Interestingly, the list seems to have spurred some folks to claim copies of volume 12 which they never received: I've gotten 2 claims from members along with their orders for cheap backfiles.

I also have established a mailing list for sending announcements and publication lists whenever something new is out, and sent copies of the new list to all those folks. I plan to monitor it for people who set up SOs or subscriptions so that we don't duplicate mailings. Also, I plan to keep track of those who never order anything and remove them after a specific time.

Plans

I intend to contact University Microfilms to see about their taking responsibility for volume 5 when it goes out of print.

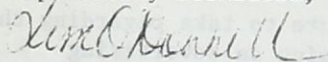
I plan to do another modest advertising blitz when volumes 13 and 15 are published.

Concerns

Volume 13 of Proceedings has got to be published. We're beginning to look pretty foolish.

We should not be printing any more than 100 extra copies (i.e., for sale) of any Proceedings volume: the market simply is not there, and it's pointless to be spending any money at all printing books that aren't going to sell. The argument that those extra 50 or 100 copies are so cheap is specious: they don't sell.

Respectfully submitted,



Jim O'Donnell
Publications Manager
9/20/84



GEOSCIENCE INFORMATION SOCIETY

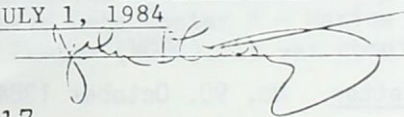
INTERIM FINANCIAL REPORT
JANUARY 1, 1984 - JUNE 30, 1984

	<u>VA Check Acct.</u>	<u>CA Check Acct.</u>	<u>Total</u>
<u>BALANCE:</u> January 1, 1984....	\$ 500.00	\$ 15,493.46	\$ 15,993.46
<u>INCOME:</u>			
Dues.....	5380.87	130.00	5510.87
Publications.....	327.50	--	327.50
Interest.....	73.60	535.43	609.03
TOTAL.....	5781.97	665.43	6447.40
<u>EXPENSES:</u>			
AGI dues.....	320.00	--	320.00
GSA annual meeting - 1983	165.53	--	
1984	73.48	--	239.01
CUAC travel funding.....	350.00	--	350.00
Publications manager.....	68.18	--	68.18
Careers in Geoscience....	136.44	--	136.44
Newsletter & editor.....	492.24	--	492.24
Proceedings & editor.....	449.38	5727.15	6176.53
GIS general.....	142.41	--	142.41
TOTAL.....	2197.66	5727.15	7924.81
<u>BALANCE:</u> June 30, 1984.....	4084.31	10,431.74	14,516.05

- (Notes: a) savings account has not been touched therefore it is still gathering interest and will be reported at the annual meeting;
- b) checking accounts are about \$1400 less than when the year began and we still have six months to go to pay bills while our income has peaked;
- c) there are two checking accounts, one in Virginia for regular transactions and one in California for abnormally large transactions plus for depositing international checks not accepted in Virginia;
- d) discrepancies in publications and dues receipts are in part because of the problems encountered with the international checks, deposits in one bank which did not clear and were thus deposited in the other bank or returned to the issuer for re-issue in another form of payment.

SUBMITTED BY: JOHN D. CRISSINGER, TREASURER

DATE: JULY 1, 1984

SIGNED: 

NORTH AMERICAN REGIONAL REPRESENTATIVE FOR THIRD INTERNATIONAL
CONFERENCE ON GEOSCIENCE INFORMATION (Nancy J. Pruet, Chair)

The International Conference Feedback Committee has had an active half-year, responding to plans for the Third International Conference on Geoscience Information to be held in Adelaide, Australia, June 1-6, 1986. The Organising Committee in Australia, chaired by Dean Crowe of the Australian Mineral Foundation, has met five times and has completed the First Circular and Call for Papers. Copies will be mailed out to all GIS members with the GIS newsletter as well as distributed widely to the media and professional societies. The Call for Papers includes the objectives of the conference, conference sponsors, and an outline of the program. A form to return to the Organising Committee to indicate interest is included. Abstracts for papers will be due in May of 1985.

The people who are serving on the (informal) International Conference Feedback Committee have been: Annette Bourgeois, Reggie Brown, Susan Klimley, Jim Lander, Amanda Masterson, Jeane K. Moore, Hart Phinney, Patricia Price, Ghassan Rassam, Unni Rowell, Rosalind Walcott, Richard Walker, Dederick Ward, and Connie Wick. Their suggestions and comments have been invaluable to me in responding to the plans of the Organising Committee and in making suggestions about the program.

Although these people agreed to give me continuing help, suggestions are welcome from all GIS members, and I'd be glad to talk to anyone who has ideas for papers they'd like to give or hear in Australia. (Editor's note: Nancy's address and phone number are mentioned in the report for the GeoRef User Group.)

1984 GIS OFFICERS

PRESIDENT: Unni Havem Rowell, Exmin Corporation, 1111 North Walnut, P.O. Box 2655, Bloomington, IN 47402 (812/332-1874)

PAST PRESIDENT: Regina Brown, Orton Memorial Library of Geology, The Ohio State University, 155 South Oval Drive, Columbus, OH 43210 (614/422-2428)

VICE-PRESIDENT and PRESIDENT-ELECT: Claren M. Kidd, Geology Library, The University of Oklahoma, 830 Van Vleet Oval, Rm. 103, Norman, OK 73019 (405/325-6451)

SECRETARY: MaryAnn Whitney, Chevron Overseas Petroleum, Inc., 575 Market Street, Rm. 1188, San Francisco, CA 94105 (415/894-0174)

TREASURER: John D. Crissinger, Geology Library, 3040 Deering Hall, VPI & SU, Blacksburg, VA 24061 (703/961-6101)

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 \$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, Orton Memorial Library of Geology, The Ohio State University, 155 South Oval Drive, Columbus, OH 43210 (614/422-2428).