



newsletter

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PRESIDENT'S COLUMN

On February 6, I attended the Board on Earth Sciences summit meeting. The report of the meeting is given elsewhere in this issue.

On February 18, the Executive Board had a scheduled telephone conference call. Some of the topics of particular interest that were discussed were the following:

1. The microcomputer data base that David Sheaves is developing for us is coming along well. Miriam Sheaves is about ready to test it. If everything goes well, we hope to be able to run a printout of the data to make the membership directory. With some luck, we may be able to have the membership list ready to distribute to the members in May or more likely, June.

2. GIS has a certificate of deposit with the Home Savings in Walnut Creek, California that matures in May. The Board decided to renew the certificate until such time as we come up with a definite policy

on how this money is to be used and whether to invest it in any sort of interest or dividend earning investment.

3. The discussion of electronic mail has been postponed until the next conference call. Part of the problem is that there is no single electronic mail system that the Board subscribes to, much less the membership, and some on the Board are not on any system (like me). Unless there is some particular need felt by the membership for a "society" electronic mail system, there doesn't seem to be too much to do as a society. However, as time permits, Miriam Sheaves will look into the possibility of a system that the Executive Board could use, and which could be "passed on" to new board members. Electronic mail systems and addresses will be in the membership directory, so this may take care of the problem to some extent.

4. The International Geological Congress will be held in Washington, D.C. in 1989. There is a committee on professional society involvement. I would be interested to hear from anyone who has ideas on what we could do as a society and about anyone who would be willing to help out with the plans.

The next conference call is scheduled for an unspecified date in May.

The list of the committees and their members has been compiled. I would like to thank all those members who are on committees or who are society representatives for being willing to take on these extra responsibilities. All of them have plenty of work to keep them off the streets and out of mischief, but they are willing to help the Society. My thanks to all of you.

(Editor's note: As of press time, it was not certain that the list of committees could be included in this issue— a computer glitch got in the way. We'll include it if we can.)

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The *GIS Newsletter* is published bi-monthly in February, April, June, August, October, and December by the Geoscience Information Society. Subscription to the *Newsletter* is \$30 per year and is included in the Society's annual membership dues. All correspondence regarding dues, membership status, and address change should be directed to the GIS Secretary.

GIS members are encouraged to contribute materials for publication. Research articles and technical reports should be submitted to the Editorial Board for review and possible publication. Informational reports, officer and committee reports, publication notices, job announcements, and other news items should be submitted to the News Gathering Editor.

Material for the June *Newsletter* should be received by the editors no later than May 20, 1987.

EDITORS' COLUMN

This issue includes some important materials, including Bob Bier's report on the Board on Earth Sciences summit meeting, and Nancy Pruett's report on the annual CUAC meeting. Because of the size of this issue, we're holding a few long items until the June issue.

If any GIS member is attending either SLA or ALA this year and would like to report on any appropriate meeting, we encourage you to do so. Send any reports to the Newsletter Editor.

The Call for Papers for the Phoenix meeting is included in Jean Eaglesfield's From the Vice President column. The more papers that are contributed, the better our annual meeting will be— so please contribute.

VICE-PRESIDENT'S COLUMN

Planning for the Phoenix meeting is now in full force. Room reservations for meetings are already being made. If you want to have a meeting and would like GIS to schedule the room, you MUST call me immediately! I will send the reservations to GSA on May 1.

CALL FOR PAPERS

The deadline for submitting abstracts to GSA for the technical session is June 11, 1987. All those you are considering doing a paper should be getting their abstracts together now. Contact me or GSA if you need an abstract form. An abstract must be submitted for Poster Sessions as well as for Papers. All abstracts are reviewed in a very formal process conducted by GSA. GSA usually limits the number of papers, since several thousand are submitted, by requiring each society and division to accept only a designated portion of the papers submitted to that section. This is why it is important to GIS that many abstracts are submitted.

The Symposium will be entitled "Collections for the Future: Archivists, Curators, Historians, Bibliographers Speak." The inspiration for this topic came from reading the Joint Committee on the Archives of Science and Technology (JCAST) report. The JCAST report concentrates mostly on archival materials but anyone in the earth sciences thinks of numerous collections in addition when thinking about materials that are being collected in the future—rock collections, theses, Landsat data, well logs, seismic data, to name a few. The JCAST report recommends that each discipline establish a history center which could be staffed with experts who could advise as to what data to keep or discard, and where to house collections. There are many such centers but few are effective.

Key questions being addressed by the symposium are:

- What happens when an individual geologist retires from a university, government survey or company?
- How and who examines, inventories and incorporates his/her collections into archives, libraries, museums?
- Are we saving too much data or not enough, and who makes the decisions as to what is kept? (Landsat data is an example of this problem.)
- Should there be a discipline history center for geology that would help answer collecting and disposal questions?
- Private industry creates a lot of data— is this being preserved so that at the appropriate time it is available to the greater scientific community?
- What is the report card on earth sciences theses — do we have our act together yet and have complete listings of theses in GeoRef?

The eight speakers will very ably address these topics and questions. Their papers will be thought provoking and challenging.

1. Deborah Day, Archivist of Scripps Institution of Oceanography, in her paper "What's an Archives

and Who Needs it?" will give an overview of archiving and outline problems that are unique to the earth sciences and will give an introduction to the JCAST report.

2. Dr. Sharon Gibbs Thibodeau of the National Archives and Records Administration (NARA) will summarize the history of earth science record keeping prior to the establishing of NARA and talk about current practices, tensions and problems of federal government archiving of the geosciences.
3. Dr. William Melson, Curator of Petrology of the Smithsonian Institution, will talk about rock collections of the Smithsonian, how the Smithsonian builds its collection and how the collections of an individual geologist are processed and added to the Smithsonian.
4. Dr. Arthur Socolow in his paper "Extent and Limits at State Geologic Surveys" will speak from many years experience as a state survey director on the variety of arrangements, collections and data banks and special data requirements and restrictions of state geological surveys.
5. Clarence Sturdivant of Marathon Oil Company will speak from his experience as manager of a state-of-the-art information center of an industrial geoscience research organization. He will outline the types of and standards for documentation and he will address the question of ownership and access for non-industrial scholars.
6. Rosalind Walcott, Earth and Space Sciences Library at SUNY Stony Brook and a Past President of GIS, will talk about earth science thesis literature — All is not golden here. Because of the unique nature of illustrative material in theses, it is crucial for universities to preserve and loan original copies— but is this being done?
7. Julia Golden, Curator of Paleontologic Collections at the University of Iowa, will talk about curating, the various natural history curating associations, computer systems that are used in paleontology that could perhaps serve as models for other types of curating.
8. Dr. Gerald Friedman of Rensselaer Polytechnic Institute and active in history of geology circles, will summarize his investigations of discipline history centers and give his opinion on whether or not such a center should be established for geology.

The abstracts of these papers will be published in a later issue of the Newsletter.

At Phoenix there will also be a Beginner's GeoRef Workshop (organized by Barbara Chappell), an Advanced GeoRef Workshop (organized by Joanne Lerud), and a Data Base Forum (organized by Barbara Pearson) where various data base representatives will have the opportunity to explain why it is important to use their data bases. Many thanks go to Barbara Pearson for initiating the organization of these sessions.

GIS volunteers are still needed to help set up our exhibit booth, and to help run the GeoRef workshops.

If you're interested, please contact me.

REPORTS

BOARD ON EARTH SCIENCES, NATIONAL RESEARCH COUNCIL, February 6, 1987 Summit Meeting, reported by Bob Bier

The Board on Earth Sciences of the National Research Council held a summit meeting in Washington, D.C. The meeting was attended by the members of the Board and the representatives from the various geoscience professional societies. Bob Bier, President, represented GIS. Frank Press, president of the National Research Council-National Academy of Sciences, gave some opening remarks and attended part of the session.

The fundamental mission of the Board of Earth Sciences is to provide oversight of the solid-earth science activities within the National Research Council, to provide a review of research and public activities in the solid-earth sciences, to assess the health of the disciplines, and to identify research opportunities.

The purpose of the meeting was generally to review the status of earth-science research, plans and ideas for the future, and the general health of earth science. Some of this was related to the Board's plan to issue a major report on the outlook for the next decade and guidelines to areas of research. It is hoped that the report will be published in time for the International Geological Congress in 1989.

Instrumentation: Grants for equipment seem to be going up. Grants are for purchase of both existing equipment and the development of new equipment. Trying to provide for the needs of large facilities, with an eye to developing large interdisciplinary centers at universities, but with connections to industry.

Big vs. Little Projects: Support of both major projects and small research projects seems to be continuing, but with reduced funds some choices may have to be made.

Major Research Push: It is felt that the earth science community could benefit from some sort of major, fairly long range project. It would have to be something that would attract general public attention and public funding. It should be a cooperative effort crossing many geoscience disciplines. Some question whether it should be basic or applied science. They are looking for something similar to the superconducting, super collider that the physicists are putting together for the study of subatomic particles. Some of the topics considered for major focus were the following:

1. Rock/fluid interaction—Would be useful in petroleum extraction, and groundwater studies. It would include a wide range of disciplines.
2. The environment.
3. Economic problems.

Global Geology: There needs to be more of a global outlook in geoscience studies because geology transcends political boundaries, and that it would benefit all. Some way to achieve this is to have publication and translations, international meetings,

global data banks and joint programs, such as ocean drilling, seismic profiling, and continental, scientific drilling. There is a need for better handling of the data that is collected.

Minerals and Energy: Many of the people involved in making policy decisions effecting minerals and energy policy do not have any expertise in the geosciences. The minerals and energy areas have been declining over the last decade or two. Is there any basis for a policy on the level of domestic petroleum production? If the petroleum industry remains in a decline for any significant period of time, it will be difficult, and very expensive, to bring it back in the event that foreign sources stop or become difficult to get. The exploration geophysics industry is essentially being dismantled. There has been a 50% drop in the amount of work. What are the national security implications of these developments? There is a lack of input from the earth science community in global and national assessments of the conditions (such as the World Watch Institute).

Education: There is a general lack of formal instruction in the primary and secondary schools. Only a small percentage of these students take any formal courses. This is particularly significant when one considers the numbers of students who take chemistry, biology, physics, and even advanced courses. Also, many of the people teaching earth science courses have not had much formal education in the subject. Many colleges do not recognize earth science courses as meeting their standards for science courses for admission purposes.

International Geological Congress: The meeting is to be held in Washington, D.C. in 1989. They expect about 6,000 attendees, but hope for 10,000. There is a Committee for Society Participation, so GIS should get involved.

REPORT ON THE GIS CENTENNIAL MEETING COMMITTEE, by Bob Bier

The GIS Centennial Meeting Committee is in the process of identifying possible items to display for an exhibit on the history of geology that will be part of the 1988 centennial meeting in Denver. One of the things that the committee is looking for are photographs and/or albums that were presented to congressmen in order to encourage them to vote for the establishment of Yellowstone National Park. Anyone having any of these pictures in their collections, or know of the location of any of these photographs, please contact Bob Bier, at 303/236-1004 or Hart Phinney (after April 20), at 303/273-3696.

This is some of the background on what it is the committee is looking for. In the early 1870's, Congress was considering making Yellowstone a national park. It has been claimed that each senator, or perhaps each congressman, in order to impress the congressmen, and to influence them to pass the legislation, was given an album of William H. Jackson photographs. Another possibility was that they were given individual photographs, possibly stereoviews.

It is not even certain that any photographs were actually given to individuals; it may have been just a display. In any event, we would be interested to know if any of you have any definite knowledge of the whereabouts of any of these albums or individual pictures. Even without the question of the actual existence of these photographs, they would be interesting candidates for the exhibit.

REPORT OF THE ANNUAL MEETING OF THE CARTOGRAPHIC USERS ADVISORY COUNCIL, Washington, D.C., January 26-27, 1987, reported by Nancy Jones Pruett, chair, 1986-87.

The Cartographic Users Advisory Council (CUAC) is made up of two members each from each of the following organizations: the Geoscience Information Society (Nancy Pruett and Charlotte Derksen), American Library Association Map and Geography Round Table, ALA Government Documents Round Table, Special Libraries Association Geography and Map Division, and the North American Cartographic Information Society. Its purpose is to improve access to and dissemination of cartographic products. It works primarily with government agencies, and holds an annual meeting each year.

When the CUAC members arrived in Washington, D.C. from such far-flung locations as Hawaii, California and New Mexico, Washington was paralyzed with 19" of snow and below zero temperatures. On Monday the 26th, the government was closed, the State Department building was unavailable as a meeting place, and no one we were supposed to meet with could get into town. The CUAC members held a business meeting in the Chair's hotel room, but the exciting afternoon program on videodisk and CD-ROM cartographic products had to be cancelled. By Tuesday, the government was back in business but everything was running late, and some people still could not get to the meeting. However, many of our most dedicated agency contacts did manage to get there, and in spite of a schedule that was rearranged from moment to moment as people arrived, the meeting was as informative and productive as usual. Sandra Shaw of the State Department went well beyond the call of duty and hosted us beautifully in spite of the weather.

Here is a brief summary of the news, results and issues of most interest to GIS members.

U.S. GEOLOGICAL SURVEY (USGS)

Charlotte Derksen, the CUAC liaison with the USGS, raised a number of questions about items listed in *New Publications* but not included in the depository program.

For example, when Open-File Reports are summaries only, the data being issued on data tapes, microfilm, slides, additional fiche, etc., we may think we have the whole Open-File Report when we don't. Charlotte reports since the meeting that we can call Joe Taubr at the Denver USGS office and he can let us know if we can get the data. If available, the price for the data is \$6 per disc. Joe's phone number is 303/236-7116. CUAC will keep pursuing the issue of machine-readable data being included in the depository program.

Open-File Reports (OFR's) being listed in New Pubs as "Reports Available Through Certain Geological Survey Field Offices" are being phased out. They will be depository items in the future.

"Reports Available Only Through the National Cartographic Information Centers" are that way because NCIC wants to talk to the person ordering. You can use the 800-USA-MAPS phone number to verify prices and to order.

There were a number of incomplete map shipments around April, 1985. Be sure to check your map collections against New Pubs and claim anything you didn't receive.

GIS's thanks were conveyed to Charlie Bennett, the USGS liaison with the Depository Program, for all his help.

Frank Ouseley distributed copies of new magazine ads. CUAC suggested that one or both of the ads be made into a poster, and Frank has been pursuing that since the meeting.

A number of USGS map depositories have not chosen to get the maps through the GPO depository system. CUAC will be helping Charlie Bennett urge as many as possible to do so, so if you're one of them, be prepared for a letter or phone call.

Flyers have been designed to explain how to use the new USGS indexes. And a new single sheet 7.5' index will be included in each state index booklet.

The USGS is developing a number of CD-ROM pilot disks. (We were supposed to see several in the part of the program that was cancelled.)

The maps are finally in order in the Denver warehouse, and distribution of eastern maps should be straightened out soon.

BUREAU OF LAND MANAGEMENT (BLM)

Linda Newman, the CUAC liaison with BLM, made great progress this year, conducting a survey of the regional BLM offices and corresponding with David Meier of the national headquarters. BLM has no bibliographic control of its products, and is completely decentralized into the 12 regional offices. We will be continuing to urge BLM to participate in the Depository Program, but Linda is also looking for volunteers working in libraries near the BLM offices who will take the responsibility for talking with each office a few times a year and announcing whatever is new in one of the newsletters or bulletins. Contact Linda at 702/784-6596 if you can take on this responsibility for your region. Linda will also be attending a BLM meeting in Denver in April to express our concerns and goals.

NATIONAL OCEAN SERVICE (NOS)

Carol Beaver of NOS reported on the status of getting the NOS maps into the Depository Program. Two years ago when she first came to CUAC, the issue keeping NOS maps out was one of timing. NOS legally has to provide timely information for navigation and flying. Although GPO's legal counsel said that stamping the maps "Not for Navigation", now there is

a new problem. NOS had new enabling legislation passed last April which prohibits them from giving any maps or charts away for free, and this may include the Depository Program.

OTHER AGENCIES

No representative of the Defense Mapping Agency (DMA) was able to make it to Tuesday's meeting, although we had expected to have four people. The issues such as distribution of JOGs, whether DMA will begin mailing out its own maps again now that USGS has relocated map distribution to Denver, the availability of indexes for the map series, and the distribution of catalogs will be followed up by correspondence.

George Rohaley of the Soil Conservation Service (SCS) was also unable to attend the meeting as planned, but we'll continue to urge SCS to get their materials into the Depository Program.

Tom Dahl of the National Wetlands Survey was also unable to attend, but microfiche copies of these maps are soon to appear in the Depository Program.

Karl Proehl has volunteered to try to find us a contact at UMI who would listen to our complaints about the way they microfilm maps. (This is of continuing interest to GIS.)

Most of the time CUAC spends its energy trying to get agencies to put their maps into the Depository Program. Various CUAC members reported that, in contrast, they'd like to get less of some Forest Service products. It was suggested that GPO revise the categories for Forest Service maps to separate the environmental impact statements from the maps and to divide all by state or region.

At the State Department, we toured Bill Hezlep's map collection and the automated cartography facilities. The map collection is small, but Bill can get copies of anything from DMA, LC, or CIA (wouldn't that be nice?). And the automated cartography demonstration made me wonder how long we'd be seeing paper maps at all.

THE FUTURE

Next year's CUAC meeting will be hosted by USGS in Reston, and will be later in the year to avoid blizzards. Hopefully, the videodisk and CD-ROM demonstrations and discussions planned for this year can occur then. Doubtless there will be even more to see then.

If anyone has any questions about CUAC, or issues we should be concerned with, please contact either Charlotte or me.

GEOREF REPORT, by John Mulvihill, Director, GeoRef Information System

The last report on GeoRef to appear in this newsletter was in the December, 1984 issue. This is an update on developments since then.

CURRENT CITATIONS ADDED TO GEOREF

1984	1985	1986	1987
56,972	83,463	86,577	80,000 (est.)

Backfile: The entire North American bibliography 1785-1971 is now part of GeoRef, as is the GSA bibliography, 1961-1968. The latter includes abstracts. We are making slow progress on the rest of the GSA bibliography, 1933-1960.

Duplicates: The duplicates introduced as a result of adding *Geophysical Abstracts* and the North American bibliography into GeoRef have been removed.

Thesaurus: The 4th edition of the *GeoRef thesaurus and guide to indexing* was published early in 1986 by AGI. Price \$65 softcover, \$25 microfiche.

Workshop manual: A revision of the *GeoRef online workshop training manual* was completed in October 1986. This includes a section on searching CAN/OLE and covers the reloaded version of GeoRef at SDC.

SDC reload: A much-improved version of GeoRef on SDC, with proximity searching, became available in February 1986. As you are probably aware the Orbit Search Service was acquired from SDC by Pergamon in September 1986 and is now called ORBIT Information Technologies Corporation (OITC). So far we have noticed no change in GeoRef service during the transition from SDC to OITC.

Timeliness: Considerable progress has been made in eliminating a backlog of exchanged citations from BRGM. Otherwise, there is virtually no backlog of items at AGI. Still our average time lag is unacceptable. We will continue to work to reduce it.

The Serials and Coverage Task Force has compiled a list of key serials in geology. These serials could be designated for quick processing into GeoRef. This will be considered by the GeoRef Advisory Committee when it meets this spring.

Document Delivery Service: The GeoRef Document Delivery Service continues to supply copies of documents cited in GeoRef in response to requests received online via Dialog and OITC (formerly SDC), by phone and by mail. Results are mailed within 24 hours (rush) or 3 days (regular service). We are also able to supply copies by telefacsimile transmission.

Budget: GeoRef is a self-supporting operation within AGI. We are feeling, second-hand, the effects of the drop in oil prices, the Graham-Rudman budget cuts, and the hard times in academic libraries. Both *Bibliography and index of geology* subscriptions and online searching of GeoRef have been adversely affected. Faced with the prospect of less revenue, among several other moves to balance the budget, we decided to reduce the number of citations produced in 1987. As you will note from the totals above, this reduction while unfortunate, is far below the 30,000 increase between 1984 and 1986.

Comprehensiveness: GeoRef is expected and intends to be comprehensive in the field of geology. AGI is sensitive to the concern expressed in San Antonio and in a letter from Bob Bier, President of GIS, regarding the reduction in citations in 1987. Your continued support, in the form of subscriptions and online usage, will enable us to keep GeoRef comprehensive. We very much appreciate your help.

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Cartographic Users Advisory Council Representatives

Charlotte Derksen
Nancy Pruett (alternate)

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Dederick Ward, chair
Hart Phinney
Robert Bier

GIS Best Paper Award Committee

[vacancy]
[vacancy]
[vacancy]

Best Geologic Reference Book Award

[vacancy]
[vacancy]
[vacancy]

BRAZILIAN GEOSCIENCE LITERATURE

Prominent among the bibliographies of the geology and mineral resources of Brazil are those sponsored by the National Department of Mineral Production (Departamento Nacional da Producao Mineral—DNPM). The following list includes the major general bibliographies, as well as some on specific regions and metals, and one on the diamond. This list was composed by DNPM, at the request of John Mulvihill. To obtain copies, write to:

Mr. Carlos Oiti Berbert
Diretor da Divisao de Geologia e Mineralogia
Departamento Nacional de Producao Mineral
San Q.01 Bloco B-2 andar - sala 227
70 070 - Brasilia - DF - Brazil

SPECIAL BIBLIOGRAPHIES ON BRAZILIAN GEOLOGY AND MINERAL TECHNOLOGY

edited by
John Mulvihill and Jim O'Donnell

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Joao, O. M. J., and others, 1982, Bibliografia da geologia e recursos minerais da regio do Programa Grande Garajas 1864-Set 1982: Brasil Departamento Nacional da Producao Mineral Serie Bibliografia 3, 263 p.

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Trindade, N. M., 1961, Prequisas bibliograficas sobre as minas do carvao do gondwano inferior do Sul do Brasil: Brazil Divisao de Geologia e Mineralogia Boletim 208, 52 p.

ANNOUNCEMENTS

MEMBERSHIP RENEWAL REMINDER

The deadline for personal and corporate membership renewal has arrived. If you have forgotten to send your dues in, this is a reminder to mail them now. Also, it is possible that I may have missed someone in mailing out the renewal notices. If so, or if you've lost your renewal form, this issue includes a copy of both the personal and corporate renewal forms, which you may photocopy, complete, and send to me with your check.

POTENTIAL NEW MEMBERS: If you are interested in becoming a member of the Geoscience Information Society, you may use one of these renewal forms. Just write at the top: NEW MEMBER.

We hope to get as many membership records into our new database as quickly as possible, in order to get all members listed in the 1987 Membership Directory. So please hurry and send me your dues, along with the appropriate form.

Miriam L. Sheaves
Secretary

1987 MEMBERSHIP RENEWAL - PERSONAL



In order to remain on the GIS mailing list, and be listed in the 1987 Membership Directory, return this form, along with dues NO LATER THAN MARCH 1, 1987.

GEOSCIENCE INFORMATION SOCIETY

NOTE: Due to changes in U.S. income tax laws for 1987, U.S. citizens may wish to pay 1987 dues by 12-31-86. Also, GIS has approved **multiple year memberships**, i.e., you may pay dues ahead for as many years as you wish.

Amount due for 1987 Personal Membership: \$30.00 (x ___ years)= _____

OR for 1987 Sustaining Membership: \$100.00 (x ___ years)= _____

ATTENTION MEMBERS OUTSIDE OF U.S.: PLEASE MAKE PAYMENT WITH AN INTERNATIONAL CHECK OR MONEY ORDER DRAWN ON A U.S. BANK.

Make check payable to: GEOSCIENCE INFORMATION SOCIETY

Mail to: Miriam L. Sheaves, GIS Secretary
Geology Library
Mitchell Hall 029A
University of North Carolina
Chapel Hill, NC 27514

Your membership includes a subscription to the bi-monthly GIS Newsletter, receipt of the 1987 GIS Proceedings, and the Membership Directory to be published in 1987.

* * * * *

Please complete the following information for our new GIS membership database. Some new information is needed to update the **membership directory** and make it more useful.

NAME: _____ POSITION/TITLE: _____

EMPLOYER: _____

BUSINESS ADDRESS: _____ HOME ADDRESS: _____

BUSINESS PHONE: _____ HOME PHONE: _____

**I want to receive GIS mail at my: (circle one) HOME / BUSINESS **

ELECTRONIC MAIL: SYSTEM(S): _____ ID/NODE: _____

COMPUTER HARDWARE: _____ and SOFTWARE: _____

GIS MEMBER SINCE (YEAR) _____ CURRENT GIS COMMITTEES/OFFICES HELD: _____

INTERESTS/SKILLS: _____



1987 MEMBERSHIP RENEWAL - CORPORATE

GEOSCIENCE INFORMATION SOCIETY

In order to remain on the GIS mailing list, and be listed in the 1987 Membership Directory, return this form, along with dues **NO LATER THAN APRIL 1, 1987.**

Amount due for 1987 Institutional Membership: \$50.00
OR for 1987 Sustaining Membership: \$100.00

ATTENTION MEMBERS OUTSIDE OF U.S.: PLEASE MAKE PAYMENT WITH AN INTERNATIONAL CHECK OR MONEY ORDER **DRAWN ON A U.S. BANK.**

Make check payable to: GEOSCIENCE INFORMATION SOCIETY

Mail to: Miriam L. Sheaves, GIS Secretary
Geology Library
Mitchell Hall 029A
University of North Carolina
Chapel Hill, NC 27514

Your membership includes a subscription to the bi-monthly GIS Newsletter, receipt of the 1987 GIS Proceedings, and the Membership Directory to be published in 1987.

* * * * *

Please complete the following information for our new GIS membership database.

INSTITUTION/CORPORATION NAME: _____

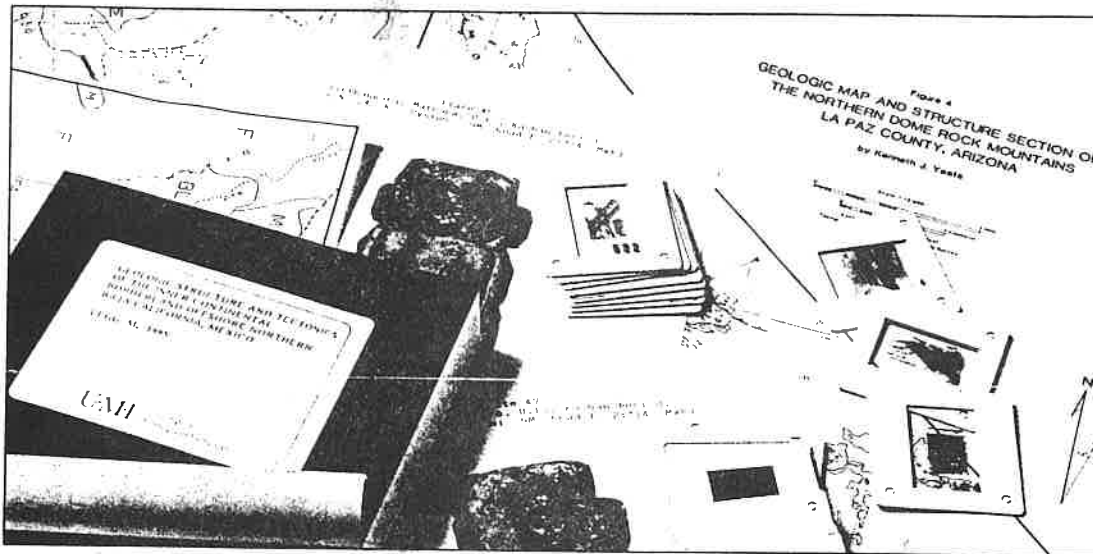
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BUSINESS PHONE: () _____

NAME OF DESIGNATED GIS REPRESENTATIVE: _____

We need a reviewer: We need someone to review these products. We need an original 1986 or later dissertation with photographs (or other tough-to-reproduce) text illustrations and pocket materials (e.g., a geologic map). We need to compare that original dissertation to the UMI products— both the regular bound copy, and the new 35 mm slides, the page prints, and the map prints. Bob Bier has authorized reimbursement for the UMI expenses.

If you'd like to do the review, or if you know of an appropriate dissertation, contact Rosalind Walcott at SUNY, Stony Brook.



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ATTENTION: A new edition of the Directory of Paleontologists of the World is now being compiled. Please distribute copies of this questionnaire to any appropriate persons. Since publication of the Directory is scheduled for mid-1989, all questionnaires must be returned by December, 1988.

WORLD DIRECTORY OF PALEONTOLOGISTS QUESTIONNAIRE

****PLEASE PRINT OR TYPE RESPONSES USING ROMAN ALPHABET****

FAMILY NAME OR SURNAME (WE WILL BE UNABLE TO PRINT DIACRITICAL MARKS)

INDIVIDUAL NAME OR FIRST NAME IN FULL & MIDDLE INITIAL-

ADDRESS (INSTITUTION IF ANY, STREET NUMBER OR POST OFFICE BOX, CITY, STATE/
COUNTRY & POSTAL CODE)-

BUSINESS PHONE NUMBER, INCLUDING CITY OR STATE AREA CODE-

PRINCIPAL AREAS OF STUDY (EITHER SYSTEMATIC, I.E. BRACHIOPODA; OR TOPICAL, I.E.
EVOLUTION). PLEASE ANSWER (A) OR (B); OR (A) AND (B)-

(A) MAXIMUM OF 2 SPECIALIZATIONS ON FOSSIL GROUPS, WITH STRATIGRAPHIC RANGE AND
GEOGRAPHICAL AREA OF INTEREST-

(1) _____ RANGE _____ AREA _____

(2) _____ RANGE _____ AREA _____

(B) TOPICAL APPROACHES (CLADISTICS, FUNCTIONAL MORPHOLOGY, BIOSTRATIGRAPHY,
ECOLOGY, EVOLUTION, ETC.) LIMIT IS 10 WORDS OR LESS-

EXAMPLE OF ENTRY-

GRANT, RICHARD E., NATURAL HISTORY BLDG. E-207, SMITHSONIAN INSTITUTION,
WASHINGTON, D.C. 20560, USA. (202) 357-2211/2405. BRACHIOPODA: PERM., W. U.S.,
TETHYS. BIOSTR., ECOL., FUNCT. MORPH.

PLEASE COMPLETE AND RETURN THIS QUESTIONNAIRE BY DEC. 31, 1988 TO- REX DOESCHER,
NHB E-207, SMITHSONIAN INSTITUTION, WASH., D.C. 20560, USA. THIS QUESTIONNAIRE
MAY BE COPIED FOR SECONDARY CIRCULATION.

GIS PROCEEDINGS VOLUME PUBLISHED

The Proceedings of the GIS 1985 annual meeting are back from the printers. Member's copies will be shipped from Canada in late March; allow 2 - 3 weeks for delivery. Standing orders will be shipped from Texas by mid-April; allow 2 weeks for delivery.

If you were a member in 1985 and have not received your copy by May 1, contact Miriam Sheaves.

A NOTE TO LIBRARIES WHICH RECEIVE USGS MAPS ON DEPOSIT, by Connie Wick, Harvard University

Several months ago, it came to my attention that there were gaps in our current receipts of USGS maps received on deposit. A phone call to Mr. Charles Bennett at USGS confirmed that there had been problems with distribution of depository maps during the time of the distribution center move to Denver. He indicated that most of the problems probably occurred with maps listed in the USGS monthly *Publications List* between December 1985 and May 1986. Apparently there has been no way to determine which maps did not get shipped. Mr. Bennett told me that each library should check its holdings against the monthly *Publications List*.

At Harvard's Kummel Library we did so, and found that we had not received 87 maps. A search of MIT's Lindgren Library showed that they had not received many of the same maps, but had received some we hadn't! They also had not received some that we had received. (We get some USGS maps though other than depository means.) The obvious conclusion is that we can't produce a standard list of which maps were not received.

We did not check to see if the same was true for topo maps, as those are not housed in our library, but in another central map collection.

Charlie Bennett informed me that maps can be claimed directly by sending him a list of the maps you lack. Be sure to include your library's depository number. His address is:

Mr. Charles Bennett
MS 508
USGS National Center
Reston, VA 22092

FOR SALE:

A back run of Geophysics Journal from 1937-1983, some full and some partial volumes. A complete list of holdings is available on request. These journals are available for donation to any library willing to pay the shipping charges. For more information, contact:

Susan Change
Canterra Energy Ltd.
Library
P. O. Box 1051
Calgary, Alberta, Canada T2P 2K7
(403) 267-9019

HARVARD'S BERNHARD KUMMEL LIBRARY OF THE GEOLOGICAL SCIENCES DEDICATED

A ceremony was held at Harvard University on 12 January to dedicate the Bernhard Kummel Library of the Geological Sciences and to honor the former faculty member in whose memory the Geological Sciences Library has been renamed.

Professor Kummel taught at Harvard from 1952 until his death in 1980 and served as Chairman of the Department of Geological Sciences from 1974 to 1976. The Bernhard Kummel Fund will support enhancement of the Library, with the goal of making it a more efficient, comfortable, and attractive facility for its users.

Also newly installed in the Library is a plaque that reads: "In memory of Bernhard Kummel, Professor of Geology 1952-1980, devoted teacher, colleague, and friend whose special interest in the literature of the geological sciences did so much to foster the development of this collection."

NORTHERN LIBRARIES COLLOQUY

June 5-8, 1988. Northern Libraries Colloquy 12. University of Colorado, Boulder, CO. Organized by the Institute of Arctic and Alpine Research and World Data Center-A for Glaciology. Theme: Northern Information—the Global connection. Enquiries: Ann Brennan, WDC-A for Glaciology, CIRES, Campus Box 449, University of Colorado, Boulder, CO 80309.

WASHINGTON STATE GEOLOGIC MAP

A new state geologic map of Washington is being prepared and will be released in four quadrants, at scale 1:250,000. (The individual 1:100,000 quadrangles will also be issued as Open-File Reports.)

The southwest quadrant will be published in 1987, the northeast in 1988, the southeast in 1990, and the northwest in 1982.

Two of the 1:100,000 quadrangles for the southwest have been released (for the west half of the Yakima and the west half of the Toppenish), and the rest should be released in the next few months.

A new metric topographic base map for the geologic map is also being prepared from USGS 1:100,000-scale topographic maps and will be published as a separate product.

For more information, contact:

Connie Manson, Librarian
Washington Department of Natural Resources
Division of Geology and Earth Resources
PY 12
Olympia, WA 98504
(206) 459-6372

BOOK DONATION TO SEPM'S LIBRARIES OF DEVELOPING COUNTRIES PROGRAM

SEPM's Developing Countries Libraries Program has had strong response. Books are being sent to university geology departments in Sri Lanka, Brazil, Togo, Surinam, and Pakistan.

If you'd like to donate books, contact:

The SEPM Foundation, Inc.
P. O. Box 4756
3530 East 31st Street
Tulsa, OK 74159-0756

GEOREF WORKSHOP, MAY 28, 1987, UNIVERSITY OF SASKATCHEWAN

A GeoRef workshop will be held Thursday, May 28, 1987 at the University of Saskatchewan in Saskatoon.

To register, contact:

Kay Yost
American Geological Institute
(703) 379-2480

For local information (hotels, etc.), contact:

David Salt
Engineering Library
University of Saskatchewan
Saskatoon, SK S7N 0W0
(306) 966-5978

JOB ANNOUNCEMENT

SPECIAL COLLECTIONS LIBRARIAN, USGS, Denver

The U.S. Geological Survey Regional Library, Denver, Colorado, is accepting applications for Head of Special Collections, GS 11 or 12, minimum starting salary \$27,127 per annum. A successful candidate should have a knowledge of earth sciences, library or archival methods for photographic and/or historical records, knowledge of automated cataloging systems and the ability to supervise a technical staff and to meet and deal with U.S. Geological Survey researchers and the general public. Applicants must have career Federal employment status, or be eligible for reinstatement, or have a current Notice of Results under a professional librarian register (cn-1410) maintained by the Office of Personnel Management in Washington, D.C. Interested applicants should send form SF 171 (Application for Federal Employment) by April 30, 1987 to:

U.S. Geological Survey
Personnel - Janice Nadeau
Mail Stop 203
Box 25046
Denver, CO 80225

An Equal Opportunity/Affirmative Action Employer.

FORTHCOMING MEETINGS

- Apr. 23-24, 1987—Western Association of Map Libraries; spring meeting; Provo, Utah.
June 6-11, 1987—Special Libraries Association; annual meeting, Anaheim, Calif.
June 27-July 2, 1987—American Library Association; annual meeting; San Francisco, Calif.

THE HIGH PLAINS DRIFTER

I have long thought that the reference position of a library needs to be jazzier. "Reference Librarian" just sounds too earnest, studious, and solemn— sort of like Trivial Pursuit taken very seriously. Let's try a simple answer to this concern— change the job title. Here are a few of my favorites:

1. WIZARD
1. one skilled in magic; 2. a very clever or skillful person

Now those definitions are true descriptions of the reference desk duties!

2. SOOTHSAYER
1. one who practices soothsaying (the act of foretelling events)

This is a day-to-day activity. "If you look in that index you will find enough information to complete your paper." "You must read the document to find the desired information."

3. DIVINER
1. one who practices divination; 2. one who perceives intuitively

Any reference interview requires this skill on the part of the reference librarian. What do they really want? The reference librarian and the crystal ball work hand-in-hand. "No, you don't really want everything there is on XXX, what you probably want is 2222."

Haille Selassie, Emperor of Ethiopia, had this same problem. He though Emperor of Ethiopia was a very mundane title. Among his other titles were Lion of Judah, Elect of God, and King of Kings of Ethiopia. Now how can you argue with that? So I think reference librarians could be... REFERENCE LIBRARIAN, WIZARD, SOOTHSAYER, DIVINER, SEER, PROPHET, AND FRIEND OF FRIENDS.

Any other suggestions will be possibly included in this column. Just write to the High Plains Drifter in care of this newsletter.

* * * * *

Librarian: Sir, you are always in this library.
Have you lived here all your life?

Old timer: Not yet.

INSTRUCTIONS FOR CONTRIBUTORS

The GIS Newsletter welcomes original, previously unpublished English language papers related to geoscience information. Manuscripts should be typed on opaque paper, on one side only, double-spaced throughout, with 3 cm margins on all sides, and all pages numbered consecutively. Length should not exceed 12 pages.

The title page should include the title, the name(s) of the author(s) and their institutional address(es). References should be mentioned in the text (author and date), with a list of "References cited" appearing at the end of the paper, following GSA reference style. Provide on a separate sheet an informative abstract of no more than 200 words and a biographical sketch of the author(s), of

no more than 100 words, which includes current position and education.

Clear, black and white (glossy) photographs and illustrations with strong contrast should be submitted on separate sheets from the text and numbered consecutively in order of reference in the text. Tables and figures should be submitted on separate sheets from the text, numbered, and referred to in the text by number.

Send two (2) copies of the manuscript to the Chairperson, GIS Newsletter Editorial Board. Include a phone number where the author(s) may be reached and a self-addressed stamped envelope for notification of receipt of manuscript. Each manuscript will be reviewed by at least two persons.