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PRESIDENT'S COLUMN

About 55 GIS members attended the 1991 GIS Annual Meeting in San Diego, California, held October 20-24, which was good participation in this time of tight budgets. Total attendance at the Geological Society of American Annual Meeting was about 6,000. San Diego, with its new Convention Center on the bay, provided a lovely background for a very productive meeting. GSA staff did an excellent job of putting on a smooth-running meeting, and our GIS members also did an excellent job of presenting papers, organizing workshops and meetings, and conducting GIS annual business. For various reasons many familiar faces were absent this year and were missed. But, on the other had, we were pleased to welcome several new faces to our meeting in San Diego this year; this is a good sign.

I must note that during the meeting we learned that our GIS Secretary, Julia Triplehorn, has asked to resign from this position. Because of increased responsibilities in Alaska, including the planning of a new library building, Judie feels unable to continue with her secretarial

responsibilities. We thank her very much for her year of service, and wish her well in her Alaskan tasks. Clara McLeod has accepted the responsibility of filling in as GIS Secretary for the remainder of Judie's term, and our thanks to her as well for her willingness to take this on.

I want to thank the 1991 Executive Board (Marie Dvorzak, Janice Sorensen, Mary Ansari, and Julia Triplehorn) for their support during the planning of the 1991 GIS annual meeting. I also want to thank the various committee chairs and GIS members who contributed to the successful sessions we had this year. A special thanks goes to Barbara Haner for her excellent coordination of the enjoyable field trip to Scripps Institute of Oceanography.

Reaching Out

I think reaching out to the geoscience community is extremely important for GIS, so I was pleased that Bruce Molnia, editor of the Forum column in *GSA Today* approached me and asked GIS to contribute a Forum article during 1992. This is a great opportunity for GIS; several ideas have been discussed, but I'd appreciate input from any interested GIS member regarding an article GIS can share with the GSA community.

It was a highlight for me to be able to represent GIS at the breakfast for Presidents of the Associated Societies of GSA, and I was very proud to find that GIS is right in the middle of things that concern other GSA groups. When comments were made on the need to find a way to redistribute back issues of geoscience journals and libraries of retired geologists, I was able to refer to Claren Kidd's symposium paper on exactly this topic. Everyone there asked for a copy of Claren's paper to share with their members, and they suggested other ways GIS can get this valuable information out to the geoscience community. The GSA International Division is interested in supporting any international activities of the associated societies, and I was able to outline ongoing and planned GIS international activities, including a committee for planning the 5th International Conference on Geoscience Information and the establishment of a committee to

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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 changes 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. Information reports, officer and committee reports, publication notices, job announcements, and other news items should be submitted to the News Gathering Editor.

Material for the February, 1992 issue of the GIS Newsletter should be received by the editors no later than January 20, 1992. If possible please send materials on IBM-compatible disk (Wordstar 3.3, Wordperfect, or ASCII format).

explore other international initiatives. Some of those present voiced concerns about their colleagues who are attending AGU instead of GSA, and they discussed some of the differences between the two meetings and two groups. Just the night before, the incoming GIS board had discussed a need for GIS to reach out to geoscientists outside GSA, perhaps beginning with AGU; our exhibits committee is investigating costs of sending the GIS booth to an AGU meeting.

Geochimica et Cosmochimica Acta

Also at breakfast, the Geochemical Society asked me if GIS could provide a set of guidelines for publishing an electronic journal. Some of you may already be familiar with the recent events concerning *Geochimica et Cosmochimica Acta* (please let me know if you're interested in what little I have). The Geochemical Society, concerned about rising subscription costs among other things, plans to take back control of publishing their journal from Pergamon in about five years, and, at least at this time, are hoping to provide an electronic version. Although I am not sure that hardcopy journals will be obsolete in five years, and I think it is too early to develop guidelines for electronic journals, I do think we are in a position to gather issues and alternatives to support this effort. I'd like to hear from any GIS members who would be willing to do some research on this topic, perhaps towards presenting a paper on the topic in Cincinnati. I welcome any other ideas you might have on this issue.

Committees

Look for the list of 1992 GIS Committees and Representatives in the next Newsletter issue. If any of you haven't already expressed an interest in serving, I'd be pleased to hear from you. You can find a list of the committees in the back of your GIS director, and I'd be glad to field questions about the purpose or tasks involved.

Proceedings

I already have many of the proceedings papers in hand. GIS Publications Manager Amanda Masterson has courageously volunteered to help with the proceedings this year, and her editorial experience is greatly appreciated. With her cooperation and that of the authors, we may be able to experiment somewhat with the format and layout, and I think you'll be pleased with the results.

VICE-PRESIDENT'S COLUMN

After an excellent meeting in San Diego, planning for the 1992 meeting events in Cincinnati has begun. The 104th annual meeting of GSA and affiliated societies will take place October 26-29, 1992 at the Cincinnati Conven-

tion Center. The theme of the conference is "Discovery: From Columbus to Magellan--The Voyage Continues".

At my request, Dena has appointed a Program Committee to assist me in preparations. Former GIS President Joni Lerud (Colorado School of Mines) will help with logistics, and Richard Spohn (University of Cincinnati) will coordinate local activities. Richard has already begun to put together an all-day field trip to local geologic sites, and he will also be our guide to the best local cuisine. In fact, we are considering, in lieu of a luncheon, a GIS dinner at a noted restaurant on Sunday evening, October 25, just before the Exhibits open.

At this writing, the symposium topic is quite likely to deal with some aspect(s) of preservation. This will give us tie-ins with two other events. First, GSA's History of Geology Division will hold a symposium on the use of art and photography in early geology and paleontology. In addition, we are planning a special exhibit: the Commission on Access and Preservation's Joint Task Force on Text and Image will display initial results of a project to undertake archival-quality color microfilming and digitization of the *New York State Museum Bulletin*. Visitors to our booth will be asked to suggest other geologic literature for this kind of preservation. I am delighted that GIS member Susan Klimley, who serves on the Text and Image Group, is making this special opportunity available to us. If you have any suggestions for symposium paper topics or want to volunteer to give a paper, please get in touch with me ASAP.

I hope we can offer a workshop at Cincinnati, and I would like to hear your suggestions for topics. The field trip workshop, held several years ago, was well received by GIS and non-GIS attendees alike. I would like to use the workshop opportunity to address problem-solving needs of GIS membership or geoscientists at large.

Marilyn Stark, new Chair of the GeoRef Users Group Steering Committee, and I will be conferring on how best to organize the GeoRef-related activities at the 1992 meeting.

Joni Lerud and I will need to hear soon from Committee Chairs who want to schedule meetings and other activities at the Cincinnati meeting.

Finally, I want to encourage each of you to start planning for your paper or poster session at next year's meeting. While you do have some months before abstracts are due, it is not too early to begin organizing your ideas. Please give me a call or send me an e-mail message (CADLSZTS@UIAMVS.BITNET) if I can be of any help.

MINUTES
GEOSCIENCE INFORMATION SOCIETY
Annual Business Meeting
Tuesday, October 22, 1991
Mariott Hotel, San Diego

The Geoscience Information Society annual meeting was called to order by Marie Dvorzak, President. The minutes from the previous annual meeting October 29, 1990 in Dallas, Texas were approved as they had been printed in the GIS Newsletter, December 1990.

Dorothy McGarry, a longtime GIS member, was introduced and received congratulations for receiving the SLA John Cotton Dana Award.

The following officers were introduced: Marie Dvorzak, President; Dena Fracolli, Vice-President; Julia Triplehorn, Secretary; Mary Ansari, Past-President; Amanda Masterson, Publications Manager. Julia Triplehorn announced her resignation as Secretary because of increased responsibilities at her Institute job. Janice Sorensen, Treasurer was unable to attend. New Members were introduced: Brian Ebersole, Pomona State College; Jenifer Graves, Geological Survey of Canada, Mariella Doyon, Geological Survey of Canada, Carol La Russa, University of California Davis.

Officer and committee reports followed. The Secretary (Julia Triplehorn) reported the membership has now increased to 288 members: 25 of these are Canadian personal members and 25 are foreign personal members. The Treasurer (Janice Sorensen) sent a report requesting reimbursement requests to be turned in as soon as possible since Barbara DeFelice will be the new Treasurer beginning January 1992. Vice-President (Dena Fracolli) thanked Barbara Haner, Jim O'Donnell, Susan Klimley, Julie Bichteler, Claren Kidd and Charlotte Derksen for their contributions to the 1991 annual meeting and thanked Lois Heiser, Joanne Lerud, Clara McLeod, and Susanne Larsen for filling in for absent committee chairs during the meeting. The Past-President (Mary Ansari) thanked the group for permitting her to represent them for the past three years.

The Newsletter and Digital Data Chair had no additional reports. The Publications Manager (Amanda Masterson) announced the Directory had been distributed. The President (Marie Dvorzak) pointed out that the new publisher had done an excellent job of producing both the proceedings and the directory.

The ALA-Magert Representative (Jim O'Donnell) reported that the ALA Pre-Conference Maps in Small

Libraries was cancelled. MARC cataloging of geophysical and well log data are being considered. Dorothy McGarry is serving on a committee that will recommend revisions in the rules and manual for AACR2.

The AGI GeoRef report was brief since the representative Mirium Sheaves was ill. A long range planning committee will be meeting December 12-13, 1991. AGI-Member Society Council Representative (Joanne Lerud) reported on the financial situation at AGI. GeoRef was appraised at 4.5 million dollars. AGI is negotiating with the Government of Sweden for a Geology Nobel Prize. There is widespread interest in the earth science community on the serial pricing issue.

Following these committee reports, the annual GIS awards were presented. Barbara Haner presented the GIS Best Geoscience Reference Book Award to David Weishampel for *Dinosauria*, which he edited with Peter Dodson and Halszka Osmolska, published by the University of California Press in 1990. Each of the editors will receive an award. David thanked GIS for the award and pointed out that this is the 150th anniversary of the coining of the word dinosaur. Although there are numerous dinosaur books for children, there has been no scholarly treatment for scientists. He hopes that this book will fill the vacuum. It is now in the 2nd printing and will soon appear in paperback.

Julie Bichteler next presented the GIS Best Paper Award to Barbara Hamer for her paper "Guidebook citation patterns in the geologic journal literature: a comparison between 1985 and 1967", GIS Symposium Proceedings, v. 20, 1990, p. 159-169. She commented that her paper was readable and well-researched. Barbara expressed thanks for the award and her appreciation to GIS members for help and encouragement as a new librarian. The GIS Best Guidebook Award for 1990 was presented by GIS member Claren Kidd to Michael Doukas from the Alaska Volcano Observatory for his "Roadguide to volcanic deposits of Mount St. Helens and vicinity", U.S. Geological Survey Bulletin 1859, 1990.

After the awards presentation, the committee reports continued. The CUAC Committee Representative (Charlotte Derksen) presented the report. The ESIC office in Los Angeles was closed at the end of August. The Spokane office was considered for closure. Charlotte alerted the

group that not all the USGS Open-File reports were being distributed to depository libraries. Some are being issued only in formats like floppy disks or magnetic tape and are not being distributed through the depository program. The GIS President had written a letter about this.

NACIS Committee had no additional report. WAML Representative (Michael Noga) reported the Bellingham, Washington meeting. Jim McDonnell will be the incoming President for the group. The next meeting will be the Anniversary meeting in Hawaii. The Archives committee did not report.

The GIS Best Geoscience Reference Book Award Committee Chair (Barbara Haner) gave the 1991 results. Sue Palmer was interested if non-book formats had been considered. Barbara Haner commented that although GeoRef on CD Rom has changed our lives in retrieving geological information it is only a different format of a past reference tool. The GIS Best Paper Award Committee Chair (Julie Bichteler) reported a summary of the guidelines used in selection.

Collection Development Issues Committee Acting Chair (Lois Heiser) announced the annual meeting Wednesday afternoon at 1:30 p.m. to discuss pricing and resource sharing.

The Digital Data Committee Chair (Charlotte Derksen) intends to present new and changing databases for the forum. With this in mind, some program changes have had to be made if the vendor's timetable for issuance were changed. The Editorial Review Board (Amanda Masterson, Chair) submitted their report to the Newsletter. The Exhibits Chair (Elaine Watson) was unable to attend the meeting. Clara McLeod ably filled in for her. She reported no students were assisting with the booth this year due to bad previous experiences. Next year it is hoped something can be worked out. The GeoRef Users Group has formed a subcommittee to suggest possible revisions in the AGI Core Journal List. AGI will be inviting comments on possible revisions at a later date.

The Membership Committee and Chair (Lisa Dunn) will be contacting foreign and state surveys from a new computerized mailing list in early November. The Nominating Committee Chair (Mary Ansari) reported their success with newly elected officers: Louise Zipp, Vice-President and Barbara DeFelice, Treasurer. The Ad-Hoc Union List of Guidebooks (Richard Spohn, Chair) reported 50 new libraries will be participating in the 6th edition of the Union List of Geologic Field Trip Guidebooks to be published in late 1992. The Ad-Hoc Committee on the Directory of Geoscience Libraries (Connie Manson, Chair)

reports a directory questionnaire has been developed and will be sent out February 1. The anticipated publication will be issued in both print and floppy disc format in mid 1992. GeoInfoV Committee (Dick Walker, Chair) had no further report. The Ad-Hoc Committee on Education Initiatives (Regine Brown and Mary Scott) are developing a Teacher's Guide for Earth Sciences K-12. They have prepared a brief sample and request comments about it.

The Ad-Hoc Committee on International Initiatives (David Reade, Chair; Dorothy McGarry, reporting) prepared an extensive report. They would like to continue and expand their group to include more American members and some additional foreign ones. Perhaps reduced membership fees for foreign members might be considered. Newsletter exchanges with other foreign earth science organizations and awards might be given.

The Ad-Hoc Committee on Preservation (Connie Wick, Chair) will have articles in the Newsletter and will be working on the GIS booth for next year's meeting utilizing Susan Klimley's filming research project as a focus.

The Canadian and Pacific sections of GIS announced their annual meetings for Tuesday evening. David Reade had sent an agenda for the Canadian group.

Old Business

The first item was the Bristol Fund and how it should be utilized. Mary Scott and Regina Brown proposed to compile and publish a Teacher's Guide in Earth Science for K-12. This would be distributed at the National Science Teachers Conference at Boston in March 1992. It would also be included in the ERIC database. State educational offices and academies of science would be alerted to its availability. A motion was made by Mary Scott proposing to use the Bristol Fund to compile and publish this guide. Sue Palmer seconded the motion. A discussion followed centering on a need for a proposed budget for the project. The motion did not pass. Jim McDonnell then proposed that the Executive Board examine this project and the proposed budget.

Clarification of award information was the next item on the agenda. It had been discussed previously.

The history of the COMPASS issue was reviewed. Joanne Lerud is the editor, and Marilyn Stark helped with the manuscript editing; Dena Fracolli helped with galley proof review. Claren Kidd provided the needed GIS Logo and the issue is currently at the printers. Joanne commented that the quality of the papers was outstanding

making this publication a major contribution to the earth science literature. The GIS Executive Board had previously decided to support the publication of this issue and will contribute \$3,000 when this issue is completed. For this contribution GIS members will receive the Compass issue and the Society will have additional copies for distribution. Dick Walker asked about a GIS column in the Compass. No decision was reached.

The last item of Old Business was the establishment of a GIS electronic list server. Some reservations were expressed by members who do not have e-mail. The attending membership felt that the significant GIS information articles should continue to be published in the Newsletter. Discussion followed over whether the proposed list server would be monitored or not. The Executive Board will establish the list server and it will be available for anyone who is interested. It is anticipated as a way to get people interested in our organization. Other electronic networks were discussed.

New Business

The membership was alerted to the proposal by the Office of Ethics to limit the participation of government employees in professional organizations. Employees could not use government professional time to be an officer and could have no substantial financial responsibilities in an organization. More than one thousand responses were received by the committee and the legislation is currently being redrafted.

The 1992 GIS Meeting will be October 26-29 in Cincinnati, Ohio. The GSA theme will be "Discovery: Columbus to Magellan." Dena will appoint a committee to assist Louise Zipp in the program. Richard Spohn will be in charge of local arrangements. Louise Zipp mentioned the GIS proposed program and the themes she was considering: Information resources in archeological geology, Current and future environment for geoscience information professionals and preservation of geoscience imagery. Workshop topic suggestions have been: New reference materials and serials pricing issues. Richard reviewed the field trip and restaurant possibilities.

The AGI Advocacy group was the next agenda item. AGI is seeking \$.75 for each member of an AGI affiliated society to help support the work of the Advocacy group. Marie brought this to the membership for comment and direction. Joanne Lerud recommended that the Executive Board go forward with this.

Old GIS Proceedings publications were the next item of New Business. Louise Zipp, as past Publications Man-

ager, lead the discussion on the future retention or disposal of these proceedings. Her sale proposal received a positive reaction. The consensus of the group was that the new Publication Manager go forward with the back file disposal.

Newsletter mailings were the next topic for consideration. Connie Manson lead the discussion concerning bulk mailing rates and the time lag of the newsletter being received by the members. It was decided that the August issue with the meeting information would be mailed First Class, all others would continue to be mailed bulk rate. Connie felt future issues would look more professional if they were saddle stitched. This would cost \$500.00 per year. The Executive Board will review this and make a decision.

A motion was made by Sue Palmer that the Executive Board examine the establishment of a Best GIS Media Award. The motion passed.

Announcements followed about the field trip departure times, and Book Quest literature.

The meeting was adjourned.

Members in attendance at the meeting:

Mary Ansari	Susan Klimley
Sylvia Bender-Lamb	Mary Krick
Julie Bichteler	Carol La Russa
Reggie Brown	Carolyn Laffoon
Charlotte Derksen	Joanne Lerud
Dona Dirlam	Connie Manson
Mariella Doyon	Amanda Masterson
Lisa Dunn	Dorothy McGarry
Marie Dvorzak	Clara P. McLeod
Brian Ebersole	Jack Mount
Dena Fracolli	Linda Newman
Jenifer Graves	Michael Noga
Chip Green	Jim O'Donnell
Edward Han	Sue Palmer
Barbara Haner	Lois Pausch
Robert Heidlage	Mary Scott
Lois Heiser	Sally Scott
Steve Hiller	Sharon Tahirkheli
Independencia Iselidh	Julia H. Triplehorn
Julia Jackson	Dick Walker
John Kawula	David Weishampel
Claren Kidd	Connie Wick
Midge King	Linda Winograd
Kathryn Kjair	Louise Zipp

Respectfully submitted
Julia H. Triplehorn, Secretary

MINUTES
GIS Executive Board Meeting
Sunday, October 20, 1991
Mariott Hotel, San Diego
8:30 a.m. - 12 noon

The Executive Board:

- approved the minutes of the last Executive Board Meeting held in Dallas, Texas, October 28, 1990
- heard reports from Officers, Representatives and Committee chairs
- accepted Julia Triplehorn's resignation from the office of GIS Secretary. Julia resigned because of increased responsibilities at her Institute in Alaska
- heard a status report on the Compass issue, which is now in press
- discussed how to make use of the 25th anniversary seals, letter openers, and ribbons left over from last year's celebration
- discussed the AGI Advocacy Program
- approved the publication manager's proposal for reducing the backfile of early GIS proceedings volumes
- heard a report on the proposed directory of educational resources
- heard a status report on preservation and the proposal for a related exhibit
- heard a status report on international initiatives

Respectfully submitted
Julia H. Triplehorn, Secretary

MINUTES
GIS Executive Board Meeting
Wednesday, October 23, 1991
Mariott Hotel, San Diego
6:00 - 9:30 p.m.

The Executive Board:

- heard concerns from the Officers, Newsletter Editor and Publications Manager
- agreed to examine the responsibilities and workloads of the GIS Officers during the coming year
- agreed to have the Annual Meeting issue of the GIS Newsletter mailed first class
- discussed the possibility of establishing a committee to examine the direction GIS should take in the future
- agreed to print an informational brochure on GIS during 1992
- Discussed sending the GIS exhibit booth to an AGU meeting as a first step in reaching out to geoscientists that do not attend GSA
- decided to explore with AGI the potential for publishing

the Union List of Field Trip Guidebooks and other geoscience reference materials on CD-ROM

Respectfully submitted
Julia H. Triplehorn, Secretary

MINUTES
From an Informal GIS Discussion Session
Tuesday, 4:00-5:00 pm
Marriott Hotel, San Diego

This meeting was scheduled at the request of some GIS members, with the purpose of

- 1) providing a forum for members to share issues and concerns about their professional environments, and
- 2) identifying how GIS can (or does) work to support its members in their current environments and help them plan for future environments.

Issues and Concerns Shared by Those Present:

Observation: There is an unhealthy shift in budget from acquisitions and collection development to collection access.

Observation: There is a difference between the values of academic librarians and the values of their administrators (e.g., making time to develop a personal relationship with researchers to provide bibliographic materials and service, vs. doing videos, management exercises, pamphlets, etc.)

Observation: There is a devaluation of bibliographic services. And, there are incentives for administrators to make short-term personal gain decisions, which manifest themselves later on as detrimental to the institution. We need to offer incentives to make decisions for institutional gain instead. Library administrators may be seen by other campus officials as deficient and weak managers. Universities are increasingly run by administrators interested in business management rather than in academic pursuits.

Observation: Some academic institutions pick the weak departments to study in depth, giving them the "kiss of death"; or pit two groups against each other, letting only the stronger survive.

Observation: There is a focus on bean counting rather than on quality, and also a sense that size is valued over quality.

Observation: Library income (i.e., from research grants) is often passed over as "overhead" rather than considered

a funding source. These funds don't often get into the library budget.

Observation: Departments are being reorganized and realigned.

Observation: Only a few professional programs seek or must secure accreditation. For the majority, threat of losing accreditation carries no power to increase library funding, services, or resources.

Observation: Charging for services helps measure their quality. People will pay for what they find valuable.

Concern: L. Zipp related that the Iowa Geology Library was almost closed without notice this past summer, and moved into the main library. Instead, all services, staff, and hours were cut in disproportionate amounts to the other branch libraries. Perhaps there is a hidden agenda, precipitated by budget crisis and strategic planning, to do away with the department or the graduate program.

Concern: C. Kidd at the University of Oklahoma is facing a Provost's agenda, which is apparently to reduce tenure liability and calls for new library faculty positions to no longer be by tenure-track.

Concern: When Ros Walcott was moved out of the geology library at SUNY Stony Brook, the Geology Department lost a valuable resource. How does one help department faculty and researchers to recognize the value of their library staff?

Action: S. Hiller's library at the University of Washington knew strategic planning was coming up. Library staff decided on their own to conduct a survey of user services, asking what users want, before being asked by the administration to plan a strategy. Many of those present expressed interest in the survey, and in how own actually develops questions for such a survey.

What can GIS do to be supportive and pro-active?

1. Send acknowledgement of GIS service to supervisors or managers of members, and to Geology Department chairs in which the branch or departmental libraries are located.
2. The GIS Collection Development Committee statistics are valuable; GIS is building a baseline of statistics for its members to use.
3. Share user surveys and their results.
4. Extend Julie Bichteler's survey of use (see paper presented in GIS 1991 Technical Session), and target researchers for Bichteler's idea of reaching out a more personal service.

5. Put together options and costs of accessing GeoRef: CD-ROM version vs. print, both, LAN access, online access, licensing and mounting in-house, etc.

6. Offer professional skills workshops at the GIS annual meeting. Many of those present, however, felt that they could get these workshops elsewhere, and they come to the GIS/GSA annual meetings for the geology-oriented activities.

7. Bring the geologists together to provide input on what services they value (a task force).

8. Provide a Listserv to help members share techniques and tips, cost and source evaluations, and problem resolution. The GIS Newsletter is also a valuable resource for sharing these kinds of things.

9. Librarians should be where the geologists are--at meetings, on field trips, attending talks, etc. (This meshes with Bichteler's personal service theme.) GIS should perhaps branch out and be visible at AGU or other geoscience-oriented meetings.

10. Help in some way to bridge the gap between geology librarians and the library administration.

11. Assist attendance and research via GIS funding.

At about 5:00 pm we adjourned. The group expressed interest in having a similar informal meeting during the 1992 GIS annual meeting.

Respectfully submitted,
Dena Fracolli

(Note: I apologize to anyone whose ideas may have been misrepresented. I would like to hear from anyone who has thoughts on the issues and concerns mentioned here. --D.F.)

GIS Annual Meeting Update

Proposed Federal Regulations - Participation in Professional Associations

The Office of Government Ethics received more than 1,000 responses to the proposed regulations. Approximately 90 percent of the responses commented on participation in professional associations. During testimony at a House hearing on the draft, a spokesman for the Office said the guidelines would be redrafted and sent out for further comments. For additional information, see *Eos*, October 29, 1991.

American Geological Institute Advocacy Program

At the San Diego meeting, members decided that the Society would participate in the Advocacy Program established by the American Geological Institute. This Program is designed to be a communications link or liaison between the geosciences community and the Congress and

Executive Branches. The Program will identify and track federal legislative, policy and budgeting issues that affect the geosciences. There is a description of this program in the October *Geotimes*. If you have comments or questions about the program or issues that should be addressed, please let me know.

Marie Dvorzak

Annual Reports (continued)

Publications Manager, September 1, 1991 - October 20, 1991 update

Since my appointment as Publications Manager, we have received 2 Newsletter subscription payments and payments for 9 Proceedings volumes (v. 19, 1 copy; v. 20, 2 copies; v. 21, 6 copies), representing an income of \$406.

NEWSLETTERS: No back issues were sold. Copies of the October 1991 issue (no. 132) have been received and archived.

MEMBERSHIP DIRECTORY: The 1991 directory was printed and delivered on schedule. Copies were mailed to members, except those in Canada, on September 27; because of the postal strike, the Canadian copies were mailed on October 14. All new members who joined after August 1, 1991, and anyone else who does not receive their copy in the next few weeks should contact the Secretary, Judie Triplehorn.

PROCEEDINGS: Any new members who joined after August 1, 1991, should contact Judie Triplehorn for their copy of the Proceedings.

MEMBERSHIP BROCHURE: Three copies of the membership brochure were mailed, all to U.S. addresses.

CAREERS BROCHURE: One copy was distributed.

GUIDELINES FOR COMPILING GEOLOGIC FIELD TRIP GUIDEBOOKS: Three copies were distributed, all to foreign addresses.

LIST OF PUBLICATIONS: Two copies were sent to U.S. addresses.

I thank Marie Dvorzak for appointing me to this interesting and important position, and I thank her, Louise Zipp, and other members of the Executive Board for their support and patience while I learn the ropes. I also thank

Aphrodite Mamoulides for distribution of sales copies of our publications and Janice Sorensen for handling the payments.

Respectfully submitted,
Amanda R. Masterson, Publications Manager

Editorial Review Board

The Editorial Review Board, which consists of Nancy Blair, Dick Walker, and Amanda Masterson, has had a quiet year. We thank Reggie Brown for her review of *Scientific and Technical Literature, An Introduction to Forms of Communications*, by R. D. Walker and C. D. Hurt, which appears in the October 1991 Newsletter, and we thank Susan Klimley for suggesting that this book be reviewed. We continue to encourage all GIS members to submit articles to the GIS Newsletter and to suggest titles for review.

Respectfully submitted,
Amanda R. Masterson, Chair

Association of Earth Science Editors (AESE) Representative

The Association of Earth Science Editors celebrated its 25th anniversary this year at its annual meeting, which was held October 6-9 in Troy, New York. Seventy members attended the technical sessions, field trip to the Hudson River area, and banquet. AESE's award for Outstanding Editorial or Publishing Contributions was presented to Allison R. Palmer of the Geological Society of America for his work in producing the Decade of North American Geology volumes. Three AESE members were inducted as lifetime honorary members: John Dickman, (retired, formerly of Chemical Abstracts and former AESE president) and Stuart and Jean Jenness (retired, members of AESE since 1968 and founders of Jenness Enterprises, Ontario, Canada). Among the highlights of the technical sessions were a session by editors from state and provincial surveys, who spoke on "Publishing in Tough Times," and a presentation by Denise Wilshire of USGS, who demonstrated an interactive, multimedia, CD-ROM database on the Arctic. AESE's next annual meeting will be September 26-29, 1992, in Whitefish, Montana, and will feature sessions relating to the environment and a field trip to Glacier National Park.

I was unable to attend this AESE meeting; I thank Marla Adkins-Heljeson for providing this information.

Respectfully submitted,
Amanda R. Masterson, GIS Representative

Cartographic Users Advisory Council Representative

The Cartographic Users Advisory Council met with government agencies at the annual meeting at the Library of Congress, March 4-6, 1991. The minutes from that meeting were published in the April 1991 issue of the GIS Newsletter.

The 1992 annual meeting will be held in the Fall to avoid any conflict with the Depository Library Council meeting next Spring.

The "National Geologic Mapping Act of 1991," House Resolution 2763, was introduced on June 25, 1991 in the House of Representatives by Rep. Rahall (WV- 4). Other sponsors were Reps. Vucanovich (SV-2), Brewster (OK-3), and McCurdy (OK-4). The bill would enhance geologic mapping of the United States under the overall management of the USGS. Some of the components are:

- "a Federal geologic mapping component, whose objective shall be determining the geologic framework of areas determined to be vital to the economic, social, or scientific welfare of the Nation"

- "a geologic mapping support component, whose objective shall be providing interdisciplinary support for the Federal Geologic Mapping Component. Representative categories of interdisciplinary support shall include

(A) establishment of a national geologic-map data base...

(B) studies that lead to the implementation of cost-effective digital methods for the acquisition, compilation, analysis, cartographic production, and dissemination of geologic-map information;

(C) paleontologic investigations...

(D) geochronologic and isotopic investigations...

(E) geophysical investigations...

(F) geochemical investigations...

- "a State geologic mapping component, whose objective shall be determining the geologic framework of areas that the State geological surveys determine to be vital to the economic, social, or scientific welfare of individual States."

- "a geologic mapping education component..."

The bill was referred to the House Interior and Insular Affairs Committee. There were hearings before the Subcommittee on Mining and Natural Resources on July 25.

The USGS Earth Science Information Center (ESIC) in Los Angeles was closed permanently on September 27, 1991. Hearings had been held on the possible closure of the office in April, and a decision to close the office was

made in the Summer. The public announcement of the actual closure data was made on September 20.

Respectfully submitted,
Michael M. Noga, Representative

Archives Committee

In 1990 Joanne Lerud sent me files from her Presidency and the files of the 2nd International Conference on Geological Information which had been held in Golden, CO, May, 1982. I did some consolidation of those two sets of papers. I gathered and organized the papers of my Presidency of GIS.

In August, I deposited all the above mentioned papers with the GIS Archives at the University of Illinois.

I wish to take this opportunity to thank William Mayer of the University Archives at the University of Illinois for his advice and willing ear over the past four years.

There is much to be done with the GIS Archives. In the immediate future, our papers should be inspected and put in better order. Committee files should be inspected, charges added, and past committee chairs should be asked to send important papers. Brochures that have been produced by various committees and officers are scattered throughout our papers. We should check to be sure that there is a copy of all our printed brochures in our Archives. Our early papers consist mostly of carbon copies of correspondence. These are highly acidic. We should determine which documents should be copied onto acid free paper or filmed.

I suggest that the Archives Committee obtain a copy of each award citation that the Society has given and maintain a file of these in the Archives.

Photos from the 1990 meeting should be labelled. I have sent those to Marie Dvorzak, President.

I hope that future officers follow the "Transfer Guidelines" recommended by the University of Illinois Archives. The Operational Guidelines for the Archives Committee is excellent and provides many challenging projects, most of which have yet to be done.

I thank the Society for permitting me to be Archivist for the past two years. I apologize for doing not much more than drawing up a list of chores. I wish Society members the best of luck in establishing an archives committee.

Respectfully submitted,
Jean Eaglesfield, Chair

Membership Committee

The Membership Committee is soliciting memberships from the following groups this year:

1. Libraries of U.S. academic institutions which grant degrees in the geosciences;
2. Libraries of Canadian and Mexican academic institutions which grant degrees in the geosciences;
3. Library schools in the U.S. and Canada;
4. Foreign geoscience government agencies;
5. State geoscience agencies.

The mailing lists are being computerized for easy access and updating. (The address format should be generic enough to be usable for mailings other than membership recruitment.) In the coming year the Committee should target special libraries of earth science-related institutions or organizations and include them on the mailing lists.

The GIS membership brochure has been revised to remove the statements concerning the 25th Anniversary and include the information on the Best Guidebook Award. The Committee is looking at a new format for the brochure for the next printing.

The members of the Committee have been active in suggesting new ways to recruit interested individuals. Some of these new recruiting tactics can be introduced over the coming year to reach those not affiliated with the above groups.

Respectfully submitted,
Lisa Dunn, Chair

PUBLICATIONS

1991 Montana Geological Society Guidebook to the Geology and Horizontal Drilling of the Bakken Formation, edited by W.B. Hansen, has recently been published. Since 1987, The Mississippian/Devonian Bakken Formation of the Williston Basin, U.S. and Canada, has been the focus of the emerging technology of horizontal drilling. This volume is the first dealing with the use of this technology in the Bakken Formation and the geology surrounding it. It is available for \$50 (US postage), \$55 (Canadian postage); and \$62 (overseas postage). To order, write:

Montana Geological Society
P.O. Box 844
Billings, MT 59103-0844
(406) 656-2886

SEPM has a special subscription offer for *Palaios*: if you subscribe to Volume 6 (1991) before Dec. 31, 1991 they'll send you the back issues, Vol. 1 - 5, for FREE. For more information, contact:

SEPM
P. O. Box 4756
Tulsa, OK 74159-0756
918/743-9765
fax: 918/743-2498

AGI's National Center for Earth Science Education recently published the "Earth Science Content Guidelines K-12," an 80-page guide for incorporating earth-science content into the precollege curriculum. The guide consists of a set of questions organized according to the interacting systems that characterize Earth and its relationship to the Solar System. In each of the six content areas--Solid Earth, Air, Water, Ice, Life, and Earth in Space--the questions are divided into these grade levels: K-3, 3-6, 6-9, 9-12. This guide is based on a publication that came out earlier this year, "Earth Science Education for the 21st Century: A Planning Guide." Copies of both publications are available from the AGI Publications Center, Box 2010, Annapolis Junction, MD 20701; phone: (301) 953-1744.

The GEOINDEX database of bibliographic information for published geologic maps of the U.S. and its Territories, and GSSEARCH, the public-domain search and retrieval system, by Kit Fuller, are now available. The documentation alone is on Open-File Report 91-575-A (\$3.25 paper; \$4 fiche). The documentation is also included with the database in Open-File Report 91-575-B (14 high-density 5.25-inch floppy disks, \$84). The systems requires and IMB-compatible PC (AT or newer recommended); high-density 5.25 inch floppy disk drive; hard disk with 16 megabytes space available; EGA color monitor, 512k RAM; system configuration; 20 files, 20 buffers. Software requirements: DOS 3.20 (or higher).

PUBLICATIONS BY MEMBERS

Dan Merriam's article, "Color unlocks perspective for 3-D stratigraphic models," was published in the July, 1991, issue of *Geotimes* (v. 36, no. 7, p. 19-21).

Draft Resolution
Regarding the Potential Closure of the Minnesota Geological Survey
Drafted by the Association of American State Geologists
Assembled at their Mid-Year Meeting in San Diego, California on October 21, 1991

Whereas, it has come to the attention of the Association of American State Geologists that the special appropriation containing funding for the Minnesota Geological Survey has been deleted from the 1992-1993 state budget by a gubernatorial line-item veto;

Whereas, the Minnesota Geological Survey, established in the University of Minnesota in 1872, will be terminated unless corrective actions is taken;

Whereas, the missions of the Minnesota Geological Survey are geologic mapping and research on the geology, mineral and groundwater resources of the state; communication of the results to the public in understandable form; and promotion of earth sciences education within the University of Minnesota and in the state;

Whereas termination of the Survey would leave Minnesota without an organization devoted to the scientific study of the state's geology at a time when earth science information is increasingly critical to natural resource management at local, state, regional and national levels;

Be it resolved, therefore, that the Association of American State Geologists views with alarm the threatened closure of the Minnesota Geological Survey and urges that funding be provided for continued operations.

ANNOUNCEMENTS

Linda Radcliffe, the American Geological Institute Librarian, is now on Pinet, the American Institute of Physics network. This account connects with both Bitnet and Internet. She works with the Union List of Geological Field Trip Guidebooks, as well as with GeoRef. GeoRef will soon be getting its own account; however, messages on or about either topic can be sent to Linda's account. The main purpose of this connection is to facilitate communication between the Union List Committee and the AGI liaison (Linda Radcliffe). Linda's network addresses are:

Bitnet: lar@aip.bitnet
Internet: lar@pinet.aip.org

When the GeoRef account is activated, it will be posted in the GeoRef Newsletter, and the addresses will be:

Bitnet: kay@aip.bitnet
Internet: kay@pinet.aip.org

All messages about any other topic should be sent to the GeoRef account. If you need further information, please contact Linda Radcliffe at 703-379-2480.

The National Water Well Association has changed its name to the National Ground Water Association.

The American Geological Institute offers scholarships for geoscience majors who are members of ethnic minority groups that are under-represented in the geosciences. Last year, AGI awarded more than 90 scholarships totalling \$261,000. Undergraduate scholarships are a maximum of \$10,000 per year; graduate scholarships are a maximum of \$4,000 per year. For more information contact:

Marilyn J. Suiter
American Geological Institute
4220 King Street
Alexandria, VA 22302-1507
703/379-2480

MEETINGS AND COURSES

The 9th Thematic Conference on Geologic Remote Sensing--Exploration, Environment, and Engineering, will be held February 8-11, 1993 in Pasadena, California. For more information, contact:

Nancy J. Wallman
ERIM
P. O. Box 134001
Ann Arbor, MI 48113-4001
313/994-1200, ext. 3234
fax: 313/994-5123

Report on the Joint Task Force on Text and Image
#3, November 11, 1991

by

Susan Klimley, Library

Lamont-Doherty Geological Observatory of Columbia
University

An image preservation pilot project that will use the primary publication of the New York State Geological Survey, the *New York State Museum Bulletin*, as its test case has been funded by the Getty Foundation as a result of the work by the Joint Task Force on Text and Image of the Commission on Preservation and Access. Forty numbers of the Bulletin will be microfilmed on archival black and white microfilm. The color plates from these volumes will be filmed by Herrmann and Kraemer on an A-6 (full frame fiche) camera on Cibachrome color film. Another Commission on Preservation and Access project has preliminary results indicating the Cibachrome film meets the archival standards required of black and white microfilm.

In addition, the text, black and white and color images will be scanned to produce a digital CD-ROM product. The end result will be preservation of the *Bulletin* on archivally sound black and white and color microforms and digital capture of the text and image. While the digital product is not considered an archival product, the chance to capture the data at the time of preservation photographing opens a number of opportunities. OCR will be attempted on the text and it is hoped that researchers will try experimenting with the digital images on their own computers.

The pilot will involve an important evaluation component. Multiple copies of the microform and CD products will be made and a systematic attempt to get user reactions will be undertaken. The New York State Library, New York State Geological Survey, and New York State Museum will all be involved in the project. Museum libraries will be invited to evaluate the systematic biology numbers. The New York Geological Survey was very interested in having the U.S. Geological Survey Library in Reston participate and that library has been kept apprised of the plans.

After discussion with the GIS Exhibit and Preservation Committees, a proposal was made at the annual GIS meeting to use GIS's 1992 GSA booth to display the current preservation situation in the earth sciences to demonstrate these two products. As a preliminary run, it is hoped that one if not both products will be available for demonstration at the Northeast Section of GSA in March 1992. Professionally developed display panels are available to us

from Harvard and the Commission and we hope to be able to incorporate these into the GIS booth to give it a professional finish.

The *New York State Museum Bulletin* has been chosen for this project for several reasons. Unlike geological survey publications that have been published in more recent times, the *New York State Museum Bulletin* is an old fashioned natural history serial rather than a strictly geologic journal. Papers on archaeology, botany, entomology, and zoology are included, broadening the pilot project's applicability to science journal preservation. From the earth science point of view, the title is strongly geologic with numbers on economic geology, paleontology and mineralogy as well as stratigraphic studies.

This title had been analyzed by the Columbia University Geology Library and Preservation Department staff in previous years. The Geology and Preservation staff had long acknowledged the difficulty of preserving embrittled geology materials and had hoped that funding from the "Coordinated Conservation/Preservation Projects Program" of New York State might help us preserve the title. Data had been collected on the total number of volumes, pages, black and white and color images and the size of the materials larger than page size. Unfortunately, in the end, grant application explicitly stated that color microform projects would not even be considered. The benefits of the hours spent doing the work for the ill-fated New York State project were realized when the Joint Task Force asked for potential projects and we were ready.

JOB ANNOUNCEMENT

Map Collection, Government Documents, and Nonbook Formats Department, Harvard College Library, Cambridge, Mass.

Head of the Map Collection, Government Documents, and Nonbook Formats Department at Harvard College Library. Seeking map librarian to manage reference services, cataloging, collection development, instruction, and outreach, as well as the application of new technologies. Qualifications: an MLS from an ALA-accredited program; advanced academic training in geography, cartography, or related field; demonstrated record of successful research library experience with maps and cartographic materials; strong communication and public relation skills; knowledge of new technologies, such as computerized mapping; and a demonstrated commitment to service and innovation. Salary: mid-\$40s. Available in December, full-time. Send a cover letter and resume to: Susan Lee, Associate Librarian of Harvard College for Administrative Services, Widener Library, Rm. 188, Cambridge, MA 02138.

CANCELLATION OF EARTH SCIENCE SERIALS 1991

As of October 1991, the cancellation database contained records for 1255 cancellations from 26 participating libraries. 469 titles were cancelled by libraries during 1991, compared to 455 cancelled during 1990. Cancellations from earlier years continue to be added to the database as they are received and 86 pre-1991 cancellations were added this year. 9 libraries sent lists for the first time.

One title has been cancelled by 10 libraries

Zentralblatt fuer mineralogie. Teil I and Teil II

One title has been cancelled by 8 libraries

Volcanology and seismology (trans)

One title has been cancelled by 7 libraries

Geotektonische forschungen

9 titles have been cancelled by 5 libraries

Geoexploration

International journal of coal geology

Moscow University Geology Bulletin

Stereo-atlas of ostracod shells

Studia geophysica et geodaetica

Geophysical journal (trans)

Lithology and mineral resources

Revue Roumaine de geologie, geophysique,
geographie

Tertiary research

23 titles have been cancelled by 4 libraries

Acta geologica Hungarica

British geological literature

nic Geo-marine letters

GeoJournal

Geology today

Indian academy of science. Proceedings.

Earth Sci

International oil and gas development

Mining engineering

Oceanic abstract

Palaeontographia Italica

Textures and microstructures

Zeitschrift fuer gletscherkunde und glazial
geologie

Advances in geophysics

Geographical/geological/geophysics/tecto
abstracts

Geological society of Japan. Journal

Geophysical prospecting

International journal of rock mechanics and
mining science

Mines magazine

Modern geology

Oceanology

Soviet journal of remote sensing

Zeitschrift fuer kristallographie

Zentralblatt fuer geologie und
palaentologie. Teil I

26 titles have been cancelled by 3 libraries

Acta crystallographica	Cahiers geologiques
Canadian mining journal	Catalog of foraminifera
Catalog of ostracoda	Doklady: earth sciences
Erdol und kohle, erdgas, petrochemie	Geologisches jahrbuch. A-F
Geomicrobiology	Geoscience and man
Geoscience documentation	Gerlands beitrage fuer geophysik
Industrial minerals	International journal of mineral processing
International journal of radiation applications and instrumentation. Pt E Nuclear geophys	Krystalinikum
Mitteilungen der ostereicheschen geologischen geosellschaft	Marine mining
Palaeontographica. Abt A	Organic geochemistry
Petroleum geology	Mineral and energy resources
Senckenbergiana maritima	Paleontological Journal
Zentralblattd fuer geologie und palaeontologie Teil II	Schweizerische mineralogische und petrographische mitteilungen

124 titles have been cancelled by 2 libraries

Abstracts of Chinese geological literature	Acta geodaetica geophysica et
montanistica Acta geologica Sinica	Hungarica
Acta micropalaeontologica Sinica	Acta seismologica Sinica
AEG directory	AESIS Quarterly
Akademiia nauk SSSR. Atmospheric and ocean physics.	American ceramic society. Ceramic abstracts.
American ceramic society. Bulletin.	American ceramic society. Journal.
American mining congress. Journal.	Annales de limologie
Annales de paleontologie	Annales geophysicae
Applied ocean research	AUSIMM bulletin and proceedings
Bibliography of economic geology	Bulletin geodesique
Bulletin of Canadian petroleum geology	Canadian geotechnical journal
Catena supplement	Chemie der erde
Chinese journal of geochemistry	Chronique de la recherche miniere
Compass. Sigma Gamma Epsilon	Computers and geotechnics
Developments in geotechnical engineering	Earthquake engineering and structural dynamics
Economic geology	Endeavour
Eiszeitalter und gegenwart	Engineering geology

Erde	Erzmetall
Finland. Geologinen tutkimuslaitos. Bulletin	Firstbreak
Freiberger forschungshefte. Reihe C.	Geo-processing
Geocarte information	Geocarto international
Geochemistry	Geographical journal
Geographie physique et quaternaire	Geolog
Geologica Balcanica	Geologiska foreningens it stockholm forhandlingar
Geologie en mijnbouw	Geophysica (Finland)
Geomagnetism and aeronomy	Geoscience Journal (India)
Geophysical research letters	Geothermics
Geosystems	High temperature science
Global tectonics and metallogeny	History of geophysics
High temperature-high pressures	Hydrometallurgy
Hydrogeologie	Institut oceanographique. Annales
Ice	International hydrographic review
International geology review	International journal of speleology
International journal of environmental studies	Journal of geochemical exploration
International volcanological association	Journal of physical oceanography
Journal of petroleum science and engineering	Kosan chishitsu
Journal of southeast Asian earth sciences	Marine geodesy
Lithos	Marine geotechnology
Marine geology	Mausam
Marine technology society. Journal	Mineralium deposita
Meyniana	Neues jahrbuch fuer mineralogie. Abhandlungen
Mineralogical record	Norsk geologisk tidsskrift
Neues jahrbuch fuer mineralogie. Monatshefte	NSS bulletin
Nordic hydrology	Oklahoma geology notes
Northern miner	Petroleum engineer international
Ocean and marine biology	Polar record
Ore geology review	Radiocarbon
Physics of the solid earth	Remote sensing reviews
Progress in physical geography	Revue de geomorphologie dynamique
Remote sensing of the environment	Shale shaker
Review of palaeobotany and palynology	Soviet meteorology and hydrology
Rock mechanics	Soviet physics--crystallography
Societe Belge geologie. Bulletin	Venus
Soviet mining science	World oil
Structure reports. Sec A	Zentralblatt fuer geologie und
World mining equipment	
Zeitschrift fuer geomorphologie. Supp palaontologie	

Letter

Dear friends and colleagues,

It is with mixed feelings that I report to you I have resigned my position as Head of UC Berkeley's Earth Sciences Library, effective July 5, 1991. Though I love my job and have particularly enjoyed my association with GIS, my husband and I have decided to seek a quieter pace of life in Lake Oswego, Oregon, and will be moving our family there later this month.

At present, there are no plans to fill my position at UCB either on a temporary or permanent basis. Until a decision is made, the official contact person is Pat Maughan, Head of the Science Libraries, who may be reached at 415/642-4273. A good (unofficial) contact is Phil Hoehn, Map Librarian, who served as part-time acting head of the Library in 1990 while I was on maternity leave. Phil may be reached at 415/642-4940.

Since it is unlikely that I will return to the field of earth sciences librarianship in the near future, I am also relinquishing active membership in GIS and will not be attending the meeting in San Diego this year. I will miss these annual events and all the friends I have made over the past five years. I have always felt extremely lucky to be in a field of specialization which has one of the best, most active and most interesting professional associations in the information sciences. Perhaps I will make it to Seattle in a couple of years for a reunion. In the meantime, I'd love to hear from you at my new address:

Julie Rinaldi Popenuck
17761 S.W. Deemar Way
Lake Oswego, Oregon 97035

Hasta luego!

THE GLACIAL DRIFTER

Conference Food

Where do you eat at a conference?

- a) Go to the nearest restaurant with the group that appears to know where it is going.
- b) Look for the best Mexican-Mongolian Barbecue in town.
- c) Skip eating. Take a nap.
- d) Scarf down freebie hors d'oeuvres at the Friends of Echinoderma reception. Their morsels are mighty crunchy.
- e) Forget dinner. Go get a rich dessert.

Connie J. Manson, Co-Editor
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