

p.10-11 to Paige Goble  
p.13 - Proceeding?  
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GEOSCIENCE INFORMATION SOCIETY

# newsletter

Number 150, October, 1994

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### PRESIDENT'S COLUMN

It IS true that time flies. I can't believe that this is the last column I'll be writing for the Newsletter....at least in this capacity. Elsewhere in this issue is my Annual Report sum-arizing what we've done this year. As is always the case, much got done, but it seems that there was much more to accomplish on behalf of GIS that, for lack of time remains to be done.

I'd like to thank the many GIS'ers who have been a tremendous help to me this past year. It has been quite a learning experience, and I feel, as I did last year, that I'm just beginning to get the hang of it and now it's over. But I hope to stay active in GIS, assuming the duties of Past-President, and helping Barbara Haner in whatever way I can.

A note on GeoinfoV (Prague). In the last issue of the Newsletter was Barbara Haner's report on the meeting and this issue contains a report from Dick Walker on that same meeting. At the August conference call, the Executive Board confirmed an arrangement that was discussed at the Geoinfo V meeting. GIS has offered GEOFOND

\$1300 toward publishing the conference proceedings. In turn, GIS will receive the volumes and will handle sales, and retain the proceeds from sales of the volume. The conference pro-ceedings are expected to be available no later than Summer of 1995.

Elsewhere in this issue are the annual reports of officers, committees chairs, and representatives. I'd like to thank each of them for their work this year, and remind everyone to read these reports in advance of the business meeting. Although we will not have time to re-read the reports, I will ask for updates and will invite questions from the floor about the reports. A (very) preliminary agenda is also found elsewhere in this issue. See you in Seattle!

### Preliminary Agenda

#### GEOSCIENCE INFORMATION SOCIETY

#### Annual Business Meeting

Monday, October 24, 1994, 8:30 am - 11:30 am  
Sheraton Grand Ballroom B

- Call to order
- Approval of Minutes of the 1993 meeting as published in the December 1993 issue of the GIS Newsletter
- Introduction of officers, new members and visitors
- Updates and questions on officers', representatives' and committees' annual reports as published in the October 1994 GIS Newsletter
- Pacific and Canadian sections' reports
- Old Business
  - Geoinfo V meeting and Proceedings
- New Business
  - Survey results and planning
- Announcements
- Adjournment



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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 \$40 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 Newsletter Advisory 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 Receiving Editor.

Material for the December, 1994 issue of the GIS Newsletter should be received by the Receiving Editor no later than November 15, 1994. If possible please send materials on IBM-compatible disk (Wordstar 3.3, Wordperfect 5.1, or ASCII forma



## VICE PRESIDENT'S COLUMN

This month's column includes the report on the Joint Technical Program Committee meeting in Boulder and elsewhere in the Newsletter you will find my annual report. I look forward to seeing you in Seattle. The size of rooms at the Convention Center and the Sheraton means that we are shuffling between these two locations frequently so please wear comfortable shoes. The weather could be brisk, blustery, grey, rainy or sunny, but I am always pleasantly surprised that wherever GSA meets, we always seem to get unseasonably good weather.

Wonderful seafood abounds in Seattle and the program committee is creating an extensive restaurant list. Coffee shops are everywhere so there are many places to meet friends.

Please note: As soon as the final details of this year's meeting are finished, I will be looking at the next year's committee appointments. Several vacancies must be filled for society representatives and committees, so please let me know if you are interested. The 1994 Membership Directory provides a list of committee appointments. Louise Zipp, in the October 1992 Newsletter, wrote an excellent summary of the focus of each committee. Committees are a great way to get involved in GIS and become effective ways to develop your skills and always expand your knowledge of the geoscience information field and the resources of your own library. Many committees do not require attendance at the annual meeting. This year I have had the opportunity to travel and it has been re-emphasized to me many times, the great respect in which our society is held. To continue to make dynamic, timely contributions to our field we need everyone's active participation. Especially if we are truly to take advantage of the survey which Connie Wick created and analyzed during her presidential year. It has provided us with a working document which can guide the society forward into the next century.

See you in Seattle and I wish you safe travelling.

### Joint Technical Program Committee Meeting Boulder Colorado, August 5-6, 1994

1995 will see the Geological Society of America (GSA) taking a giant step towards electronic submission of abstracts. A small select group will submit both paper and electronic text to a World Wide Web (WWW)/Mosaic server which is being established at GSA. In the following year, 1996, it is hoped that this will be in general use and it would be possible to offload the conference proceedings onto a CD-ROM disk. Look in the September

issue of *GSA Today* to see ways to find information on the Seattle GSA meeting on the WWW.

Members of the Joint Technical Program Committee (JTTC) discussed their role in reviewing papers and planning the theme sessions. Theme sessions were created to provide members with the opportunity to introduce material both at the cutting edge and which is cross disciplinary in nature. They are proposed by an advocate and if accepted are announced in advance. Today, theme sessions and invited symposia papers make up 50% of the program. They also have strong appeal to the generalists who may not be associated with a specific division or society. In 1994 there were 69 theme sessions proposed and 59 survived. All JTTC representatives were asked to review at least one. I was scheduled to review #46 - Teaching Structural Geology - a session which did not make the final required minimum number of papers, eight. Planning for 1/4, 1/2, 3/4 and 1 day theme sessions creates a planners nightmare. To simplify this reviewing program the following suggestions were made:

1. A minimum of 16 papers be usually required for theme sessions to become viable at the abstracts deadline.
2. The role of the theme advocate to be limited to pre-JTTC recommendations. (Many advocates were impossible to reach while JTTC was deciding the final program).
3. Separation of theme abstracts and ratings from the discipline abstracts on to separate decision sheets with only one copy of each abstract.

In 1996, there will be a major revision of the abstract form. There will be a list of societies and box for authors to select the organization that should be responsible for the abstract in addition to a set of keywords from which the author would select a subject descriptor to ease the reviewing process. Theme session papers will only be placed in one category, but papers for technical sessions could use both society affiliations and keyword categories.

The theme for the 1995 meeting in New Orleans, November 6-9, is **Bridging the Gulf**. The meeting is being planned to bring together information from both sides of the Caribbean, and emphasize the critical role of public policy, education, future trends, and the local environment. The keynote will address Man and the Mississippi. A longer description of the meeting plans was available in the September issue of *GSA Today*. Just to set you thinking, a theme session being proposed even at JTTC was "How your geodiscipline contributes to the changing scientific and political needs of society". As libraries are a critical component of the information network, perhaps someone may even consider giving a theme paper to put forward the viewpoint of the geoinformation specialist meeting the needs of society.



## ANNUAL REPORTS

### Elected Officers

#### President

As in past years, one of the first duties of the President is editing and producing final copy of the GIS Proceedings for the past year's meeting. This year's volume was produced during the spring, and was distributed to members in July. Issues that arose concern the amount of time and energy spent on producing final copy from variously-formatted disks. Thanks are due to all the authors and to Lois Heiser for her help with the printing and distribution process.

At the beginning of the year, at the recommendation of the Executive Board and in response to changes in the by-laws as well as concerns about the financial health of the Society, I requested all committee chairs and reps to develop budgets for the year. This was a new practice, but with the cooperation of all involved and budgeting/spreadsheet help from Margy Walsh, a budget was developed and approved by the Executive Board. I believe that this document will help us to better track allocated and anticipated expenses to see how they compare to final total costs.

With the help and input of the Executive Board, a survey document was developed and mailed to members. This is a first step in seeking feedback from members and is a prerequisite to planning for GIS's future. The survey was intended to get feedback from all members. The Executive Board is now looking at focussing on some of the key issues raised by the responses and will ask for further feedback to some specific suggestions at the annual meeting.

#### Vice President

The year has passed quickly and has culminated in the 1994 Annual Meeting in Seattle. It is thirty years since I came to the United States and in choosing the Symposium topic of "Changing Gateways: the impact of technology on geoscience information exchange" it brought back many memories and a realization of the many changes the geological sciences and the field of information science has undergone over this period. In 1964, I remember using a Monroe mechanical calculator while today there is a PC in everyone's office or lab; handouts produced on blue ditto masters compared with desktop publishing programs and laser printers; print indexes with few cross references to auto-posting of online file citations and Internet resources. It was a great disappointment to me that Dr.

Robert Osborne's untimely illness and death prevented him from giving his paper "The balance between technical proficiency and scientific creativity in post graduate education" which would have addressed the changes in classroom dialogues.

This year we also tried another experiment joining with the Association of Earth Science Editors and the American Geological Institute to co-sponsor a workshop on "GeoWriting". Unfortunately low enrollment forced us to cancel, but we now have an outstanding workshop planned for the future.

The program committee in the Seattle area has given outstanding assistance in organizing and coordinating the local arrangements. Our booth will highlight once again the Internet and its many resources. It will also serve as an evaluation site for a new digital preservation project organized by Susan Klimley.

On a personal note, I would like to thank you for the opportunity to represent the society at the Second Earth Science Societies Summit meeting on November 30, 1993 in Washington D.C. and at GeoInfo V in Prague. They have been truly enriching opportunities and I have seen the esteem in which our society is held and the positive image, you, its members have created both nationally and internationally in the world of geoscience information.

I extend my heartfelt thanks to the advise from past Vice-Presidents and the committee chairs who have met deadlines and contributed their time to the success of our Annual Meeting. Also I have a greater appreciation of the outstanding, helpful and considerate annual meeting staff at GSA. For myself, this has been a new, challenging and very exciting experience. Throughout this year, the support and encouragement I have experienced has made me understand the deep commitment and value which members of this society hold for their professional association with the Geoscience Information Society and their determination to continue its tradition of excellence.

Respectfully submitted,  
Barbara E. Haner, Vice President

#### Immediate Past-President

I participated in the work of the Nominations Committee. I set up and participated in three Executive Board Conference calls.

Respectfully submitted,  
Louise S. Zipp



## Secretary

This year the Secretary's tasks included: answering inquiries about the Society, maintaining the membership database, compiling the membership directory, sending welcome letters, newsletters and membership directories to new members, filling requests for missing issues of the newsletter or for information about the Society and maintaining a supply of stationery for shipment to Officers and committee members. The Society received numerous letters concerning employment opportunities.

The membership list was updated whereby members were removed from the membership roster if they had not renewed by April 15, 1994. Subsequently, newsletters were only mailed to members. The Society welcomed 20 new members and now has a total membership of 233 (185 in the United States; 22 in Canada; 26 in other nations).

Membership categories for 1994 members follow:

	U.S.	Canada	Other Nations	Total
Personal	14	1	1	16
Institution	0	0	1	3
Student	3	0	0	3
Total	17	1	2	20

The D-Base IV software is now used to manipulate data for the directory. Documentation has been prepared. The register for the treasurer now includes the name of the bank as well as the amount of any check received for membership.

Many thanks to all who have assisted me during my term as Secretary of the Society.

Respectfully submitted,

Clara P. McLeod, Secretary

## Treasurer

Since taking office effective January 1 of this year, I have:

- Opened an interest-bearing checking account in the Houston area to handle routine transactions.
- Participated in the development of the Society's first budget
- Designed a Lotus 123 database to record financial transactions and developed a report which can be generated quickly and which displays budgeted and actual figures.
- Prepared financial report for the first six months of 1994, which was published in the August issue of the Newsletter.
- Received the last of the historical financial records from my predecessor along with the audited records for 1993.

I will be submitting the third quarter report for publication in the next Newsletter, but I will also distribute copies of an updated financial report at the annual meeting in October. (The financial reports for the Society, as well

as the term of the Treasurer, run on the calendar year rather than from annual meeting to annual meeting.)

I would also like to take this opportunity to thank my predecessor, Barbara DeFelice, for her continued assistance throughout my first year as Treasurer.

Respectfully submitted,

Margy Walsh, GIS Treasurer

## Individual Appointments

### Newsletter Production Editor

Six issues of the *GIS Newsletter* have been issued since the last annual report.

The Newsletter's primary job is to report the Society's activities to the members. To do that, in this past year, we have published the various reports from the officers, representatives, and committees, as well as the abstracts and schedules for the annual meeting. The other role of the Newsletter is to present news and reports about geoscience information. To that end, we have published 3 duplicate exchange lists, 3 library profiles, GeoRef's "List of Priority Journals", "Prices of Geoscience Serials", 2 summit meeting reports, an update on preservation issues, as well as the usual information about new publications, job openings, and other news.

Deborah Grealey has made important contributions in gathering and preparing materials for the production editor, Connie Manson

Linda Musser's series of "Reviews" discussing new articles and reports about information science and geoscience information has been a welcome and valuable addition to the Newsletter.

The costs of the Newsletter are a significant expense to the Society, although this is partially offset by income from subscriptions. For comparison, these are the Newsletter expenses for the past 2 1/2 years:

	subscript. income	expenses print+mail	net cost
1992	750.00	2478.67	1728.67
1993	910.00	3366.45	2456.45
1994*	1020.00*	1406.41*	386.43*

\* Note: These only reflect the income and expenses in the first half of the year.

Respectfully submitted,

Connie Manson, Editor

### Newsletter Receiving Editor

The role of receiving editor is becoming obsolete. Most files, reports and reviews are now transmitted elec-



tronically, with copies sent directly to the Newsletter Editor, Connie Manson. There have only been two items in the last year that have had to be scanned or keyed in. This is a wonderful development, and although I am happy to remain on the Mast, and happy to do what is necessary, I do feel a little superfluous. Perhaps the Executive Board needs to discuss the possibility of eliminating this position in the future.

Respectfully submitted,  
Deborah Grealy

**Newsletter Reviews Editor**

Over the year, over 50 articles and 30 books were highlighted for members. As a suggestion for next year, the newsletter editors may wish to consolidate the announcements of publications of interest into the Reviews column.

Respectfully submitted,  
Linda Musser

**Publications Manager**

Taking over as Publications Manager following the 1993 annual meeting, I think I have finally worked thru the ins and outs of the problems of a small publisher, distributor, and salesperson. Boxes and boxes of books and papers from both Louise Zipp and Mimi Pappas kept arriving to the dismay of my staff. After unboxing and storing our inventory, I managed to create a work flow and routine for answering requests for publications, processing checks, and keeping statistics.

In May, Connie Wick sent the final proof copy for the 1993 Proceedings volume, and in June, Clara McLeod sent the final proof copy of the Membership Directory. By the July 15th, almost all of the copies for members and subscribers had been shipped.

The "Guidebook Guidelines" brochure was reprinted when the supply was depleted. A new "List of Publications" was also prepared to reflect available titles effective July, 1994.

**Publications sold (thru September 9, 1994)**

v.24 - 1993 Proceedings.....	42 copies
v.23 - 1992 Proceedings.....	37 copies
v.22 - 1991 Proceedings.....	8 copies
Other Proceedings volumes.....	8 copies
Directory of Geoscience Libraries.....	66 copies
Directory mailing labels.....	2 copies
Directory on disk.....	1 copy
Membership mailing labels.....	1 copy

Copies of 1993 Proceedings distributed gratis

Members.....	226 copies
Reviewers.....	16 copies
Indexing Services.....	8 copies
Speakers, libraries, etc.....	25 copies
Newsletter subscriptions.....	25 paid

Respectfully submitted,  
Lois Heiser, Publications Manager

**Publicity Officer**

Since the May midyear report, the GIS Publicity Officer has undertaken the following tasks:

1. Publicizing the proposed Geowriting short course in GSA Division and Associated society newsletters as well as in local Seattle forums. Unfortunately the preregistration was too low for the course to be financially viable, and it has been canceled.
2. Publicizing the GIS annual meeting activities through national communication outlets as well as to local Seattle forums.

It is important to track the value of our publicity, at least by whether or not it is actually published. My thanks to the GIS members who have forwarded to me copies of GIS publicity information that has appeared in journals, newsletters, etc. Please continue to send me copies of any mention you find of our activities. Results of this years publicity including the following:

- o Connie Manson's Meritorious Service Award was mentioned in *Geotimes*.
- o The GIS-Mary B. Ansari Best Reference Work Award was mentioned in the SLA *SpecialList*, in the SLA Petroleum & Energy Division *PER Bulletin*, in the LITA *Newsletter*, and in the AGU *Eos*.
- o The GIS annual meeting had a nice write-up in the AESE *Blueline*, and was mentioned in the SLA *SpecialList* calendar of events.
- o The Geowriting Short course was publicized in *Geotimes* and in the GSA Structure and Tectonics Division newsletter.

Upcoming publicity tasks include:

1. News releases for the 1994 GIS awards, which will be distributed after the awards ceremony during the Seattle meeting
2. Publicity regarding incoming GIS officers, also distributed after they take office during the Seattle meeting.
3. Any additional publicity tasks suggested by the GIS Board or membership.

Respectfully submitted,  
Dena Fraccolli Hanson, GIS Publicity Officer



### Geonet-L Editor

As of Sept. 9, 1994, there were 315 subscribers to Geonet-L. During the course of its existence, the Geonet-L has focused on speedy communications, offerings of duplicates, reference questions, meeting notices, and any other appropriate messages. Modifications this year include, upgraded LISTSERV software, an Indiana University commitment to support LISTSERV operations, addition of PUBLIC NOTEBOOKS, and DIGEST option. The WELCOME message has been revised and sent to all subscribers.

Respectfully submitted,  
Lois Heiser, Geonet-L editor

## Representatives

### AGI Environmental Geoscience Advisory Committee

The AGI Environmental Geoscience Advisory Committee met April 8-9, 1994, at AGI Headquarters in Alexandria, Virginia. At this first meeting a draft statement of purpose was defined and plans and proposed activities were determined.

Full minutes are on file with Joanne V. Lerud and will be given to the AGI Archive regarding the meeting but highlights are included below.

From the Statement of Purpose: "AGI has established the Environmental Geoscience Advisory Committee to help identify and focus on the highest priority environmental informational needs and issues best addressed by the geoscience community. In fulfilling its responsibility, the committee should emphasize the need to draw on AGI's historical and existing strengths, and to endorse activities that are fiscally viable.

#### Committee Responsibilities:

> Identify projects and activities that will help AGI achieve the following goals:

-- Increase public awareness and understanding of environmental issues and the controls of earth systems on these issues

-- Communicate societal needs for managing resources, protection from earth hazards, and for evaluation of risks associated with human activities related to earth processes and resources

-- Promote appropriate science in public policy through improved communication within and without the geoscience community related to environmental policy issues and proposed legislation

-- Increase dissemination of information related to environmental programs, projects, research, and professional activities in the geoscience community

> Assist AGI in identifying appropriate parties to carry out the identified projects and activities

> Assist in developing and prioritizing AGI environmental program activities

> Identify opportunities for AGI member societies and other organizations to participate in environmental program activities"

The plans and proposed activities for 1994-5 are: environmental geosciences textbook, environmental geosciences directory, environmental geosciences database, environmental geosciences dictionary, environmental geosciences journal. The *Journal of Environmental Geology* is of concern to the Geoscience Information Society because of the chosen publisher, Springer-Verlog, and the quality of the journal.

The Committee emphasized the need for AGI's Government Affairs Program to look for ways to expand government liaison activities and to increase the dissemination of information in the environmental area.

The next meeting should be held at the GSA Annual Meeting.

Respectfully submitted,  
Joanne V. Lerud

### GeoRef Advisory Committee Representative

The GeoRef Advisory Committee met on March 19, 1994 at GeoRef headquarters in Alexandria, VA. A second meeting is scheduled during the GSA Annual Meeting in Seattle on Wednesday, October 26, in the morning.

Committee members for 1994 are: Clarence Sturdivant, Chair (Marathon); John Aaron (USGS, Reston); Charlotte Derksen (Stanford); Barbara Lawrence (Amer. Inst. of Aeronautics & Astronautics); Joanne Lerud (Colorado School of Mines); Lou Parris (Exxon); Miriam Sheaves (Univ. of NC); and John Mulvihill (AGI), ex officio. James Jones, University of Texas at San Antonio, is a newly appointed committee member who will attend the October meeting.

The Committee reviewed the proposed budget for 1994 and 1995. We discussed tier pricing of the GeoRef CD and favored adding a fourth tier price at the top end of the academic prices, and adding a second lower commercial price for smaller companies. The Committee also discussed: marketing possibilities for both the CD product and tape and site licensing; special new CD products to consider, such as a database geared toward companies and consultants, and a version of GeoRef for undergraduates and other non-geoscientists in a public library setting.

GeoRef planned to load GeoRef on disk at AGI to make data corrections in the back file and produce a new



set of tapes from which to revise the online and CD versions of GeoRef. Other plans for the year included publishing a revised GeoRef Thesaurus and initiating scanning of author-provided abstracts to add to current GeoRef references.

Respectfully submitted,  
Miriam L. Sheaves

### **AGI Government Affairs Program**

This program continued to focus on several key issues for the geoscience community including communications, planning and the proposed National Geoscience Data Repository.

Craig Schiffries testified before several congressional committees on budgets and proposed legislation affecting the geosciences. He also published several articles in *Geotimes* on geology topics of legislative interest. A forum on geoscience legislation reviewed activity on several issues including reform of the Mining Law of 1872 and the National Geologic Mapping Act of 1992.

Continuing on the successful summit of 1993, there will be a summit of Earth Science Society Presidents in November 1994. The subject of the meeting will be Education and Employment Trends for Earth Scientists.

Efforts to establish a National Geoscience Data Repository continue. Phase 1, the feasibility study, was successfully completed. It documents the types and quantity of data available for a possible repository and identifies the needs and priorities of potential users. Phase two will identify organizational and operational requirements for establishing and managing such a facility. Part of the focus will be on data preparation, transcription, imaging, preservation, distribution and delivery. Additional information will be distributed as it becomes available.

If you have any comments or questions on this project or other topics of interest to GAP, please let me know.

Respectfully submitted,  
Marie Dvorzak

### **AGI Member Society Council Representative**

The next AGI Member Society Council meeting will be held on Monday, October 24, 1994, in conjunction with the GSA annual meeting in Seattle, Washington. Written summaries of the Members Societies' activities will be included in the agenda, which allows more time for council business. The GIS activity summary will be prepared for submission to AGI by September 30th, 1994. A report on the upcoming AGI MSC meeting will be submitted for the December GIS newsletter.

During late spring 1994, I served on the AGI Executive Board Nominating Committee; our task was to prepare the AGI nominations for AGI officers and for AGI and national awards. These nominees were presented to the Members Society Council and Executive Committee via memo on June 1, 1994.

My sincere thanks to Joni Lerud for representing GIS for me at the June 13, 1994 MSC meeting in Denver, and for her notes and comments on the meeting! Highlights from this meeting are as follows:

- o AGI appears to be financially healthy, and is continuing long-range planning to ensure its stability.
- o Three new societies have come under the AGI umbrella, bringing the MSC membership total to 26. New members are the Soil Science Society of America, the US National Committee of the International Association of Hydrogeologists, and the Society of Exploration Geophysicists.
- o For the time being AGI will remain the "American Geological Institute." There has been discussion of changing the institute's name to the "American Geoscience Institute."
- o AGI's Environmental Geoscience Advisory Committee presented its draft statement of purpose, including plans and proposed activities for 1994 - 1995. These include publication of a dictionary, a textbook, and a directory; there is also discussion of publishing a new journal and of environmental-oriented database compilation. Joni sensed a lot of library support from MSC members during discussion of the new journal, its potential "bottom line publisher," and its price to libraries. Concern was also expressed regarding the journal's competition with existing (society-related) journals.
- o A new product, "geoscience careers" on laser disk, was discussed.
- o There is continued support and excitement for the National Geoscience Data Repository System.

In addition to these items, AGI reports the following 1994 activities:

- o AGI staff have presented testimony to four US Congress appropriations subcommittees in support of the USGS, DOE, and NSF Budgets.
- o GeoRef has added a network license option for access to the GeoRef database.
- o AGI and ROSCOMNEDRA (the Russian Federation Committee on Geology & Mineral Resources) honored six Russian geoscience exchange students and marked the first anniversary of the US-Russian geoscience student exchange program.
- o New educational resources available from AGI include the Earth-Science Education Resource Directory, the AGI videodisc, and a "digital shaded-relief portrait of the Continental US and environs" poster.



o AGI has established a new gopher site on the internet, including information on AGI congressional activities. The URL for the new gopher is gopher://agi.umd.edu:71

Respectfully submitted,

Dena Fraccolli Hanson, AGI Member Society Council Representative

### GIS Liaison to MAGERT

Much of the MAGERT activity during the last few months has taken place away from the conferences. The new officers are in place. They are:

Nan Butkovich, Chairperson (Physical Sciences Library, 230 Davey Laboratory, Penn State University, University Park, PA 16802; Tel.: 814/865-3716 E-mail: njb@psulias.psu.edu)

Margaret Brill, Vice-Chair/Chair Elect (Public Documents and Maps Department, Perkins Library, Duke University, Box 90177, Durham, NC 27708-0177; Tel.: 919/684-2380 E-mail: msb@mail.lib.duke.edu)

John Stevenson, Secretary (University of Delaware Library, Newark, Delaware 19717-5267; Tel.: 302/831-8408 E-mail: John.Stevenson@mvs.udel.edu)

Mark Thomas, Treasurer (900 E. 30th St., Bryan, TX 77803; Tel.: 409/845-5741 E-mail: mthomas@tamu.edu)

Nan Butkovich resigned as the editor of base line after serving in that capacity for five years. Her last issue was volume 15, number 3. She was replaced by Pat Seavey. Pat can be reached at: Pat Seavey, Editor, base line, c/o Charley Seavey, School of Information Resources, 1515 E. 1st St., Tucson, AZ 85719, E-mail: pseavey@ccit.arizona.edu

David Cobb has resigned as the Advertising Manager for *Meridian*, and Arlyn Sherwood has resigned as the Subscription Manager. Neither position has been filled at this time.

Occasional Paper number 4 has been published. Entitled "Mapping the National Parks," it contains several articles discussing the history of mapping in several of the national parks in the United States. It is available for \$40 from Kathryn Womble (Map Collections and Cartographic Information Services, University of Washington Libraries, FM-25, Seattle, WA 98195. Checks should be made payable to the American Library Association.

Respectfully submitted,

Nan Butkovich, GIS representative

### ACRL Science and Technology Section

Since my last representative report in the April 1994 issue, ALA held its Annual Conference in Miami Beach, Florida on June 23-30, 1994. As has been reported in

other publications, heat/humidity and very diffused meeting facilities contributed to a poorly attended conference.

The Science and Technology Section conducted an all-day program entitled "Scholarly Resources on the Internet: Beyond the Basics." Among the 33 1/2 hour-1 hour demonstrations were "STELAR (Study of Electronic Literature for Astronomical Research)" by Janet Ormes and "How to Tailor Internet Instruction for the Sciences Using an Interdisciplinary Approach and Access" by Julia Gelfand. This June 27 program also included two poster sessions.

The Directors of Science Libraries Discussion Group met on June 26 to review the "Report of the Task Force on a National Strategy for Scientific and Technical Information." Paul Peters of the Coalition for Networked Information led the group.

In its June 26 meeting, the General Discussion Group's topic was the "Role of Subject Specialists in Science Libraries." Crit Stuart of Georgia Tech and Lynn Barstis Williams of Auburn University were facilitators.

"The Future of Science Journals--Will Technology Make a Difference?" was the Publisher/Vendor Relations Committee's topic, led by Ann Schaffner of Brandeis University on June 25. The effect of technology on refereed science journals (price, format) was predicted.

The Science and Technology Section STS-L listserv is projected to begin by the end of summer 1994. As announced by the Publications Committee, STS-L not only will be an elm conduit among STS officers and members, but also will be an access mode for STS publications. STS-L managers are Terry Wittig of Carnegie-Mellon University, Katie Clark of Penn State University, and Martin Courtois of the University of Tennessee, Knoxville.

For the STS program at next year's annual conference in Chicago, the Program Planning Committee announced its title -- "Preserving the Record of Science and Technology: A Plan for Today and Tomorrow" and date -- June 28, 1995.

"Science and Engineering Conference Proceedings: A Guide to Sources for Identification and Verification," an STS creation, is now in publication from ACRL.

"Issues in Science and Technology Librarianship," STS's electronic news-letter and discussion forum, still is being compiled by Harry Llull. Contact him at acrlstls@hal.unm.edu for a subscription.

ISTL number 9 (March 1994) included announcements that "Applied Physics Letters" will become available online in January 1995 and that OCLC will be adding some Cambridge databases to FirstSearch and EPIC. Among them will be "Environmental Sciences and Pollution Abstracts."



ISTL's next issue was a special bulletin on April 25. It was the transcript of Al Gore's March 21 speech at the International Telecommunications Union in Argentina.

ISTL number 10 (May 1994) and the subsequent June 1994 ALA Conference update issue were devoted to the events scheduled for the conference. Number 10 also had two book reviews by Harry Lull: "Introducing the Internet--A Trainer's Workshop" by Lee David Jaffe "All About Internet FTP--Learning and Teaching to Transfer Files on the Internet" by David F.W. Robison.

Respectfully submitted,

Thomas R. Zogg, GIS Representative

### **Cartographic Users Advisory Council**

CUAC met last year a week before the GIS Annual Meeting. The main issue at that time was the distribution of the digital orthophotoquads of the US (DOQs). A month later selective depository libraries in the Federal Depository Library Program were allowed to select one state. Several libraries will obtain other states through housing agreements with other depositories in their region.

The Federal Depository Library Program has had severe budgetary cutbacks in the last few years. One program to save money was the development of the Claims Core List. Publications on this list were considered the critical documents in a depository library, and claims could be made for missing copies. Other publications could not be claimed. USGS map distribution and claiming is handled directly by USGS, so the Claims Core List was not a problem for maps. However, USGS text publications (Circulars, Bulletins, Professional Papers, and Water-Supply Papers) were not on the Claims Core List.

In May, there was a brief nomination period for adding publications to the list. GIS members were asked to nominate the USGS text publications, and the response was great enough that they were added. Even better news occurred in early September, when the GPO Library Programs Office announced that selective depository libraries would no longer be restricted to claiming publications from the Claims Core List effective with the October 3 shipping lists (Administrative Notes 15:12).

The USGS Geographic Names CD-ROM came out in June. However, it is not available on depository, because each buyer must pay a software license fee.

The next CUAC meeting will be held in November at NOAA's new headquarters just outside Washington, DC. This gives the membership a chance to talk to CUAC Representatives at the Annual Meeting in Seattle about the direction of federal information policy, especially in the distribution of scientific information. The Clinton Administration has proposed that the Executive Branch of the Federal Government take over the control of printing

and distribution of government information. This power currently lies with the Legislative Branch, through the Joint Committee on Printing, the Superintendent of Documents, and the Government Printing Office. A change in the printing authority of the Federal Government could have strong ramifications for geoscience libraries.

Respectfully submitted,

Michael Noga

Jim O'Donnell

## **Committees**

### **Archives Committee**

Pictures taken at the Boston annual conference are being developed. These will be identified and added to the album prior to the Seattle meeting if possible.

After meeting with the U of Illinois Archivist, a decision on the best way to deposit the negatives from the 25th anniversary meeting was reached. That work is underway.

The organizing and depositing of donated archives materials continued.

Respectfully submitted,

Mary Krick, chair

### **GIS-Mary B. Ansari Best Reference Work Award Committee**

While a best reference award has been given since 1988, this was a special year for the committee and this award. In 1994 the award was named in honor of Mary B. Ansari, a past president of GIS. In addition Ms. Ansari has established a fund to provide a monetary component for the award.

The committee began by reviewing and revising existing guidelines for judging reference works. We also solicited nominations, evaluated several suggested titles and reviewed reference works from our collections. This spring the committee considered 9 titles and selected as the winner *Gemology: an Annotated Bibliography* by John Sinkankas. This 2 volume work was published by Scarecrow Press in 1993.

*Gemology* provides thorough coverage of the field of gemology and related subjects both through time and geographically. It is an invaluable resource for researchers in a wide range of disciplines.

Thanks to the other members of the 1993-94 committee, Peter Brueggeman, Carol La Russa, Lee Regan and Margy Walsh.

Respectfully submitted,

Marie Dvorzak, Chair



### Best Paper Award Committee

The GIS Best Paper Award Committee reviewed eight papers found through an extensive search of the geoscience literature. The works were evaluated and ranked and three papers emerged as semi-finalists. The committee selected Connie Wick's "Image-related Aspects of Preserving High-use Geoscience Literature by Deacidification," published in the 1992 GIS Proceedings, as the 1994 GIS Best Paper Award. All expenses incurred in photocopying, faxing, and mailing were donated. I wish to thank Sally Scott, Lois Pausch, and Unni Rowell for their participation in the selection process.

Respectfully submitted,  
Reggie Brown, chair

### Collection Development Issues Committee

The Collection Development Issues Committee's primary focus this past year in planning and presenting session for the annual meeting. Both the 1993 meeting and the upcoming 1994 meeting offered an outside speaker who discussed publication trends, issues, and pricing for serials (1993) and monographs (1994). Pricing data for serials (Michael Noga) and books (Steve Hiller) were also presented. These were later published in the GIS Newsletter. Finally, each session offered a general discussion topic. The 1994 topic is use of expanded document delivery to supplement local holdings.

New committee members for the 1993-96 term are Charlotte Derksen and Linda Newman. Sylvia Bender-Lamb's appointment ended in 1993.

Concerns and issues include the fate of the serial cancellation database that ended in 1992, the ways in which the Committee can best support the work of GIS members, the changing role of collection development in the emerging world of the electronic library, and the role GIS can play with scientists, societies and other publishers in moving towards a more rational and effective method of scholarly communication.

Respectfully submitted,  
Steve Hiller, Chair

### Digital Database Committee

The committee provided one column to this year's newsletter. One of our new members, Vivienne Roumani-Denn, agreed to serve as a coordinator to encourage and assist committee members to write columns. In addition, many different digital products were examined for suitability for bringing to the Digital Database Forum. Five different producers/vendors were approached regarding the possibility/suitability of speaking at the forum.

It was decided to invite Roger Kaesler to discuss the Paleobank project which is still in progress, since the *American Paleontologist* featured an article on Paleobank last year. We have also invited someone from ESRI to demonstrate their new desktop computer equivalents of ARCView and ARCInfo. We also received an offer from the National Center for Earthquake Engineering Research to demonstrate their Quakeline Database. Finally, we invited a representative of Earth Information company to demonstrate their CD-ROM products including the USGS Daily Values and more..

We also received an offer from the USGS office in Arizona to demonstrate their database. Since we could not accommodate them this year, we already have a head start on our list of presenters for next year.

Respectfully submitted,  
Kimberly Parker, Chair

### Educational Initiatives Committee

Committee's activities this past year have been limited, but its members continue to maintain contact with others sharing the same interest in and enhancing earth science education. On behalf of the Geoscience Information Society, Reggie Brown joined nearly 50 representatives of earth science associations and educators at the second annual meeting of the Coalition for Earth Science Education in Reston, VA, March 4-6, 1994. The conference, entitled "Supporting Systemic Reform in Science Education," offered formal presentations highlighting high tech in earth science education, outstanding regional programs, national reform efforts, as well as the opportunity to share ideas in group discussions. Members of the Coalition pledged to continue taking an active part in communication (with educators, those involved in state-wide systemic initiatives and among themselves), networking, resource-sharing, collaboration, and advocacy of national standards.

Respectfully submitted,  
Reggie Brown and Mary Woods Scott, co-chairs

### Exhibits Committee

The 1994 Geoscience Information Society booth is number 534 at the Washington State Convention and Trade Center, Seattle, Washington.

This year the theme of the booth is "Mining the Internet: Access to Geoscience Resources." This year's Internet capabilities will feature connecting to large digital files from the "Oversize Image Project" including geologic maps. Funded by the Commission on Preservation and



Access, this project is coordinated by Susan Klimley. For more details, see Susan's report in this newsletter. There will be Internet access at the booth through a personal computer, modem, and phone line connection. In addition, the panels of the booth will summarize features of the Internet such as e-mail, FTP (file transfer protocol), Telnet, and highlight navigational tools that have evolved to locate information. Throughout the exhibit hours, members will demonstrate resources on Internet. A smaller table in the booth will display GIS publications, flyers, and bookmarks as well as a list of Internet resources. This resource list will also be available over the Internet, thanks to the efforts of Lisa Dunn.

Exhibit hours:

Sunday, October 23	5:00 pm - 8:00 pm
Monday, October 24	9:00 am - 5:00 pm
Tuesday, October 25	9:00 am - 5:00 pm
Wednesday, October 26	9:00 am - 4:00 pm

You will note that the hours have been adjusted this year in response to participants' requests from 1993. The exhibits viewing will end earlier on Sunday evening, but will open earlier each morning. The schedule for staffing our GIS booth is divided into hourly increments. Please stop by and sign up for a time in the booth. A special thank-you goes to Steve Hiller for organizing a great group of University of Washington librarians to help at the booth during our business and technical meetings. Thank you!

SEATTLE, 1994 AND NEW ORLEANS, 1995:

In the past, the chair of the exhibits committee shipped the components of the booth (a crate and a trunk) to the chair's home location. Now we ship the booth materials directly to the next convention location to save extra shipping costs. At the end of the Boston show, the exhibit materials were sent to Washington to be stored by exhibit committee member, Barbara Lindeman-Orr in preparation for the 1994 GSA meeting in Seattle. A special thank-you to Barbara for picking up the cases as well as storing them this past year. Thank you, Barbara!

Now, we hope to locate a person in closer proximity to New Orleans who would be willing to store the two items for 1994-1995. Please contact Dona Dirlam if you are able to provide this storage.

Respectfully submitted,

Dona Dirlam, Exhibits Committee Chair

**Geonet-L Advisory Board**

The Geonet-L Advisory Board was officially appointed in February to provide a pool of back-up editors to moderate when the Geonet-L editor is unable to moderate the list, and serve as an advisory panel in the event the

Geonet-L editor feels an opinion is needed about allowing a message to be posted to Geonet-L. Members appointed to the Board were Linda Zellmer, University of Wyoming (Chair), Patricia Gaspari-Bridges, Princeton University, and Diane Baclawski, Michigan State University.

After comments were posted to Geonet-L about the appropriateness of a message requesting information from a student doing a paper in March, the Board developed an e-mail message that will be sent as a reply to similar messages in the future. This message will include the name of a local Geoscience Information Society member, if available. It also refers the requestor to their local library, and suggests that they consult the Bibliography and Index of Geology and/or GeoRef, and their local card/online catalog or Books in Print for books on the topic of interest. As Advisory Board Chair, I also sent a personal response to this student, suggesting that he consult these resources.

Respectfully submitted,

Linda Zellmer

**GeoRef Users Group Steering Committee**

The GeoRef Users Group Steering Committee revised and updated the GeoRef List of Priority Journals for Indexing, with input from GIS members and Geonet-L subscribers. American Geological Institute indexes journals from the Priority List before other journals. AGI selectively indexes many journals and decides which articles are pertinent.

The Committee proposed a new list of journals, which was broadcast on Geonet-L and published in the GIS Newsletter. The Committee tallied responses, produced a new revised list, which was again posted on Geonet\_L for comments. New titles on the list cover new areas of interest and reflect the emerging international focus of geologic research, plus environmental topics.

The GeoRef Intermediate/Advanced Workshop in Seattle will cover searching GeoRef on Windows, including the new features available with WINSPIRS software. The Workshop is scheduled for 1:00-2:45 on Sunday, October 23, 1994. The GeoRef Users Group Meeting will be 4:15-5:30 on Tuesday, October 25.

GeoRef Users Group Steering Committee: Marilyn Stark, Chair, Elaine Clement, Charlotte Derksen, Anne Krum, John Hunter, Carolyn Laffoon, Suzanne Larsen

Respectfully submitted,

Marilyn Stark, Chair



### Membership Committee

The Membership Committee is presently working on an electronic brochure, which could be sent to prospective members who inquire about GIS via e-mail. Two large mailings are being sent to prospective new members. This will be completed as soon as the new brochures are printed. A questionnaire, presented last year at the annual meeting, will be sent to people who have dropped their GIS memberships.

Respectfully submitted,  
Nan Butkovich, chair

### Newsletter Advisory Board

The Newsletter Advisory Board has been largely inactive during the past year. My new position makes it difficult to make long-distance phone calls, and at least one member of the board is not yet attached to the Internet. Items of interest have been pulled directly from News-groups (including Geonet-L; SLAITE- L; etc.) and forwarded to the Newsletter Editor, Connie Manson. Some individuals have been contacted and invited to submit items for the newsletter, with mixed results. The Internet provides a wonderful medium for requesting and distributing copy, and with the growth in international contacts, can be used quite effectively to expand the scope of our publication.

Respectfully submitted,  
Deborah Grealy, Chair

### Nominating Committee

The Nominating Committee developed the following slate for the 1994 election:

Vice President/President-Elect

Nancy Blair

Julie Hallmark

Secretary

Carol La Russa

Lois Pausch

The election was held in June and July, and the winners are:

Vice President/President-Elect Nancy Blair

Secretary Carol La Russa

The Committee thanks Julie Hallmark and Lois Pausch for participating in this election.

Respectfully submitted,  
Michael Noga, Chair  
Connie Manson  
Margy Walsh  
Louise Zipp

### Preservation Committee

My work this year on the Preservation Committee has been to coordinate evaluation of a Columbia University preservation project, closely related to problems of preservation in the earth sciences, through the use of the GIS booth at the annual GSA meeting. The "Oversize Image Project," funded by the Commission on Preservation and Access, concentrates on the problem of digitization of oversize color images. Since large color maps are a major stumbling block in the preservation of earth science books, a solution for this problem is needed before systematic preservation of these books can begin. The GIS booth provides an excellent opportunity to display the results of the project both to librarians and the geology community.

Unlike the demo of digital preservation that was done three years ago using CD-ROM technology, we hope to display project results via an Internet connection. Booth coordinator Dona Dirlam has been very active in efforts to acquire appropriate connections and equipment. I am very grateful for her help and flexibility in a technically complex process.

At the present time, I am a committee of one. An informal meeting of GIS members will be arranged for the Seattle meeting and I hope to find members interested in discussing future GIS involvement in development of a preservation strategy for earth science materials.

Respectfully submitted,  
Susan Klimley, Chair

### Ad Hoc Committee on the Directory of Geoscience Libraries, 5th Edition

The 4th edition of the *Directory of Geoscience Libraries* was printed Spring, 1993. Overall, the Society spent \$ 2,489.18 on this edition and earned \$ 7,492.45 for a net profit of \$ 5,003.27.

Sales of the 4th edition have slowed but are still continuing.

The committee to prepare the 5th edition has been only partially formed and has had no activities.

Respectfully submitted,  
Connie Manson, Chair

### Ad Hoc Committee on the Fifth International Conference on Geoscience Information

I should like to report to the GIS membership as both the Chairman of the Committee and as the Chairman of the International Steering Committee of GeoInfoV.

The Conference recently held in Prague was a success.



The attendance was small, only 75. Compared to previous meetings in this series that is the smallest. The size did have a positive side. We were able to have a great deal of exchange with old and new friends. There were fewer papers than they had hoped for, but there were some excellent ones presented. The facilities were excellent, a little out of the heart of the city but the transportation was good. The accommodations were quite good, some of us had to walk through a wooded park, down (and up) 154 stairs, along a winding path, through a tunnel, under a railroad track, over a bridge, spanning a small stream, through the parking lot of a living complex and old conference center, across a busy street and into the conference center.

The social program was good, beginning with a tour through historic Prague with a most excellent guide, topped off with a boat ride on the river with dinner and music. The opening reception could not have been better, with Czech beer and wine to complement the beautifully served food. The final trip was a good way to part with our many friends.

The field trip to the old mining town of Kutna Hora was a highlight for many and the geologic excursion in the hills near Prague included some of the most unique folding of rocks in the world.

One of the things made clear from the papers presented was that the world is much the same. The problems seem to be the same and the direction is computer and electronics driven.

The future of the next meeting is still in doubt but there are many interested in hosting future meetings. I will keep the Society posted on developments.

It is regrettable that so few GIS members were in Prague, but we were well represented by the few. We can be proud of those we supported.

I bring greetings from many friends from previous meetings and they wish GIS well.

Respectfully submitted,  
Richard D. Walker, Chair

#### **Ad Hoc Committee on the Union List of Geologic Field Trip Guidebooks, 6th Edition**

The Guidebooks Committee, 6th edition, is still working to complete the project. All of the new series entries, new guidebook entries through 1990, library directory entries, index corrections, and major series corrections were sent to AGI by June. Almost 100 new libraries will have holdings in the 6th edition. During the winter and spring months, most of committee members assisted in problem solving and index problems. Some scattered holdings are still in progress and can be added to the

galley copy after it is proofread. Linda Pierce was not able to complete entering all of this data into the AGI database before she left on maternity leave.

As soon as Linda has returned from leave and input all of the information, she will have AGI create a galley copy. Lorrie Knox, Dorothy McGarry, Linda Pierce, Mary Spencer, and Rich will be proofing this copy. The 6th edition should be available about 6-8 weeks after the final proofing and correction input.

Respectfully submitted,  
Richard A. Spohn, Chair

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#### **BOOK REVIEW**

Earth-science education resource directory, ed. by M. A. Boland and L. W. Milton (Alexandria, VA: American Geological Institute, Education & Human Resources, 1994, loose-leaf. Available from AGI Publications, P. O. Box 205, Annapolis Junction, MD 20701, phone: 301/953-1744, FAX: 301/953-2838. Cost: \$19.95 plus postage and handling; contiguous U.S.: \$5.00; pre-pay.)

The directory provides an alphabetical list of 179 associations, societies, state geological surveys, institutes, corporations, etc. that offer educational products and services in earth science. Each entry contains the address, phone, e-mail and FAX numbers, contact person, brief summary of the organization's scope and purpose, as well as publications and services offered. Products are described, with subject area, grade level, and ordering information noted. The loose-leaf publication, enclosed in an attractive, sturdy binder, is derived from the database established from survey responses to the National Clearinghouse for Earth-Science Education at AGI. New information will be available as a supplement to be published in September, 1994. The directory has useful, ready reference sections. There are separate lists of state geological surveys and AGI member societies with address, phone and FAX numbers, and contact person. An organization index also provides quick access to information. The content index categorizes organizations' products by general subject field and grade level. A useful feature for teachers: The media index classifies products as audio-visual, catalog, computer, displays (maps, posters), manipulables (items for handling and examination), organization/people, text-based, or workshop/seminar. Teachers, librarians, science supervisors, and others involved or interested in earth science education will appreciate the quick access to earth science resources not always widely publicized.

--Reggie Brown, Orton Memorial Library of Geology,  
The Ohio State University, Columbus.



## JOB ANNOUNCEMENTS

EARTH, SPACE, AND ATMOSPHERIC SCIENCE  
LIBRARIAN, University of California, Los Angeles, CA

Rank: Associate Librarian/Librarian

Name of Unit: Science & Engineering Library

Position Title: Earth, Space, and Atmospheric Sciences Librarian Salary Range: \$28,668 - \$59,316

Description of Unit: The UCLA Library system is comprised of the University Research Library, the undergraduate College Library, and eleven subject libraries. The Science & Engineering Library (SEL) provides collections and services in support of the research and educational programs of the School of Engineering and Applied Sciences, the Departments of Atmospheric Sciences, Chemistry and Biochemistry, Earth and Space Science, Mathematics, Physics and Astronomy, and related institutes. SEL is comprised of a main site housing the Engineering, Mathematics, Astronomy, and Atmospheric Sciences collections, most public services staff and librarians, and four divisions (acquisitions, administration, cataloging, and interlibrary loan). Three satellite collections (Chemistry, Geology/Geophysics, and Physics) are housed in separate buildings. The SEL collection includes over 460,000 volumes and subscriptions to almost 7,000 current serials. Staffing includes 7.5 FTE librarians, 16 FTE staff personnel, and 11.69 FTE student employees.

The Geology/Geophysics Collection holds 103,000 volumes and receives 2,281 serial titles. It primarily supports the research and instructional interests of the Department of Earth and Space Sciences (ESS), the Institute of Geophysics of Planetary Physics and its Centers, and geomorphologists in the Department of Geography. The Library also administers the adjoining Putnam Map Room, a departmental (ESS) collection of 90,000 geoscience maps. The primary collection that supports the Department of Atmospheric Sciences is held at the SEL main site.

The Geology/Geophysics Collection is staffed by 1 FTE library assistant and 1.5 FTE student assistants. The collection includes several CD-ROM databases on geology, geophysics, meteorology, and hydrology. GeoRef is available along with other electronic databases on the University of California's MELVYL system.

Duties: Under the general direction of the Head of Collection Development, serves as the selector for earth, space, and atmospheric sciences and other SEL disciplines as assigned. Maintains contact with the faculty and academic researchers of the Department of Earth and Space Sciences (ESS), the Department of Atmospheric Sciences, and the Institute of Geophysics and Planetary Physics (IGPP). Manages and justifies materials budget. Prepares

and maintains collection development policies. Works with the Acquisitions and Cataloging Divisions to acquire and provide access to earth, space, and atmospheric materials. Formulates and implements storage and preservation plans for the collection. Cooperates with other campus libraries and other important geoscience libraries in resource sharing and planning. Serves on the ESS/IGPP Library Committee and works with the Atmospheric Sciences faculty liaison.

Under the general direction of the Head of Public Services, provides in-depth reference services, online searching, user education, and consultation for the earth, space, and atmospheric sciences. As part of the SEL reference and instructional services team, participates in the development of instructional modules and guides for online databases and CD-ROMs. Actively promotes and delivers seminars, workshops, and class lectures for SEL's primary clientele.

In consultation with the Head, SEL Circulation Services, participates in the training, work assignment, and evaluation of the Geology/Geophysics library assistant. In consultation with ESS, selects, trains, and supervises map research assistant for the Putnam Map Room.

Qualifications: Demonstrated experience in selecting monographs and serials in diverse formats and managing a science collections budget. Knowledge of earth, space, and atmospheric sciences literature. Understanding of trends, concerns, and methods of scientific research. Experience with search, retrieval, and manipulation of electronic databases. Familiarity with electronic resources, including those available on the Internet. Ability to work both independently and in a team environment with creativity. Flexibility in carrying out assignments in response to a changing environment.

Must have effective oral and written communication skills, and the ability to work effectively with culturally diverse library users and colleagues. Public services experience, including reference, database searching, and user education. Desirable qualifications include: Subject specialization in the physical sciences, preferably geoscience or an allied discipline. Experience in map librarianship. Collection development experience in an academic geoscience or physical sciences library. Knowledge of cataloging and technical processing issues, especially those that apply to research materials in earth and space sciences, including maps. Experience working in a highly automated environment including an online public access catalog and local and wide area networks. Demonstrated interest in professional and/or scholarly activities (research, publication, or teaching).



Professional Position: Professional librarians at UCLA are eleven-month academic appointees. They are entitled to two days per month of annual leave, one day per month of sick leave, reductions in incidental fees, and all other perquisites granted to non-faculty academic personnel. The University has an excellent retirement system and sponsors a variety of group health, dental, vision, and life insurance plans.

A candidate for appointment shall have a professional background of competence, knowledge, and experience to assure suitability for appointment to this series. Such background will normally include a professional degree from a library school with an accredited program. In addition to professional competence and quality of service within the library, criteria for promotion include professional activity outside of the library, University and public service, research and other activity.

UCLA is an equal opportunity employer actively seeking minority applicants. We encourage all qualified persons to apply. Librarians at UCLA are represented by an exclusive bargaining agent, The American Federation of Teachers. In compliance with the Immigration Reform and Control Act of 1986, all persons hired will be required to show proof of their identity and right to work in the United States.

Anyone wishing to be considered for the position should write to Dr. Rita A. Scherrei, Associate University Librarian for Personnel and Administrative Services, University Research Library, UCLA, 405 Hilgard Av., Los Angeles, CA 90024-1575. The application letter should include a complete statement of qualifications, a full resume of education and relevant experience, and the names of at least three persons who are knowledgeable about the applicant's qualifications for this position. Although candidates applying by October 21, 1994 will be given first consideration, the position will remain open until filled. (If applying after Oct. 21, please submit a brief "letter of intent to apply" right away, to be followed by the full application as soon as possible thereafter.)

#### GEOSCIENCE LIBRARIAN, Columbia University Libraries, Palisades, NY

Half-time opening (temporary for one year) for librarian to manage the Geoscience Library in Palisades, NY. The Geoscience Librarian administers the service and resource activities of the Geoscience Library, located on the natural grounds of the research-intensive Lamont Doherty Earth Observatory. The library, one of 8 departmental libraries in the Science & Engineering Division, has 400 journal subscriptions, and a collection numbering 30,000 volumes. The librarian's responsibilities include planning, developing and operating reference and access

services; technical services (processing maps, claiming and kardexing serials); developing the collection in coordination with the Geology Library; and relating services and collections to the research and instructional needs of an academic department and a research institute. The position supervises 1 FTE support staff, and reports to the Director, Science and Engineering Division.

Requirements are: in-depth subject knowledge of geology, the earth sciences or a physical science; excellent management and supervisory skills; ability to relate well to a wide variety of U.S. and foreign students, faculty and researchers; experience with traditional and electronic information sources; ability to handle bibliographic citations in many languages. Knowledge of book trade and maps, and familiarity with the Internet is preferred. An MLS is desirable.

Salary from minimum of \$16,000 per annum, depending on experience & qualifications. Send resume and names, addresses and phone numbers of 3 references to: Jane Hunt, Human Resources Office, Box 35 Butler Library, 535 West 114th Street, New York, N.Y. 10027. Phone Barbara List at 212-854-3353 for additional information. AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER

#### GIS SPECIALIST, School of Marine Science, College of William and Mary, Williamsburg, VA

The School of Marine Science, College of William and Mary is seeking an individual with a specialty in Geographic Information Systems (GIS), with interests in landscape ecology and/or living resource management. The individual will be working in the Submerged Aquatic Vegetation (SAV) research program, with specific duties to include maintaining and analyzing a long term SAV database, working with faculty to develop and test hypotheses, writing programs and documentation, training researchers and performing other related duties as required.

Minimum Qualifications - Graduation from a college or university, or an associate degree in information systems required. Significant programming experience and a working knowledge of systems analysis and design concepts required. Proficiency in at least one high level programming language, such as fortran or c required. Ability to communicate orally and in writing with users and other information management personnel required. Working knowledge and proficiency in Arc/Info GIS software and SAS statistical software preferred. Degree in landscape ecology, planning, resource management or one of the natural or physical sciences desired. Equivalent directly related working experience will be considered as



a substitute for the education requirements.

Entry Salary - \$28,652. Starting salary may be higher depending on experience and qualifications. This is a classified restricted position ending December 31, 1995, with opportunity for reappointment. Class maximum salary is \$43,747.

Application Instructions - Applicants should submit a completed Commonwealth of Virginia Application form, or letter and resume and the names of three references, to the address below no later than September 23, 1994. Forms are available from the personnel office by calling (804) 221-3167. Postmarks will not be honored.

The College of William and Mary  
Office of Personnel Services  
P.O. Box 8795, Thiemes House  
Williamsburg, Virginia 23187-8795

A letter of application and resume sent to the above address can substitute as an initial application, however, if chosen for an interview, the applicant must complete the Commonwealth of Virginia application form. Please reference PROGRAMMER/ANALYST position number 105 on all application materials.

The College of William and Mary/Virginia Institute of Marine Science is an Equal Opportunity/Affirmative Action Employer.

For more information, contact Gary Anderson, School of Marine Science, Virginia Institute of Marine Science, College of William and Mary (gary@vims.edu).

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## ANNOUNCEMENTS and PUBLICATIONS

### AIPG Short Course/Field Trip Guidebooks

AIPG has recently issued 2 guidebooks:

Ridgley, V.; Hardyman, R. F., editors, 1993, Road log guidebook for modern structural analysis for the practicing geologist: American Institute of Professional Geologists Short Course May 1-9, 1993, 85 p. \$40.

Ridgley, V.; Hardyman, R. F., editors, 1994, Road log guidebook for modern structural analysis for the practicing geologist: American Institute of Professional Geologists Short Course, April 28-May 6, 1994, 79 p. \$35.

Each volume contains nine days of roadlogs illustrating a diverse assortment of tectonic structures throughout west-central Nevada and contain a wealth of detail relating to mineral prospects and districts in the region.

The 1993 edition sells for \$40; the 1994 for \$35; order both for \$65; price includes shipping and handling. For additional information, call Vic Ridgley (702) 677-7037. Order from:

American Institute of Professional Geologists  
c/o Vic Ridgley, AIPG Editor  
9215 Fremont Way  
Reno, NV 89506-9628

### Public Domain Software for Earth Scientists

This new handbook describes public domain (and some low-cost commercial) software for earth science applications. It includes software from U.S. Government agencies; Technical societies; Universities; Individuals; Bulletin boards and The Internet; Public domain and shareware software distributors; Vendors of inexpensive software for earth science applications. The subjects covered include geology, hydrology, geophysics, mining, petroleum, and environmental, as well as geographic information systems, geostatistics, mapping, image processing and surveying. There are chapters on internet bulletin boards; USGS files; textbooks; COGSNET Files Online; and education software.

Cost (including shipping): \$55 in North America; \$65 outside North America. For more information contact GIBBS ASSOCIATES. Address: P.O. Box 706, Boulder, Colorado USA 80306-0706. Phone and Fax: 303-444-6032. e-mail: bgibbs@csn.org

### Fairbanks ESIC

The USGS ESIC in Fairbanks, Alaska is being moved to the Geophysical Institute of the University of Alaska Fairbanks. It will be merged with the GeoData Centre in that building. This was announced about three weeks ago after over a year of discussions. No layoffs are anticipated.

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## INTERNET NEWS

### American Geological Institute

The American Geological Institute (AGI) has established a new gopher site on the Internet. The AGI gopher currently contains a substantial amount of information about "Government Affairs," including:

1. AGI Congressional Testimony
2. Geoscience and Environmental Legislation
3. Rosters of Congressional Committees
4. Summaries of Congressional Hearings

The AGI gopher currently contains about 75 files, including summaries of 15 Congressional hearings and detailed information on 13 bills pending before Congress. We will be adding information about other AGI programs soon.

The AGI gopher can be accessed directly from the Internet prompt by typing: "gopher agi.umd.edu 71" It can also be accessed through a menu of "Gopher Servers in



the USA," where "American Geological Institute" is listed under the "General" category. We would appreciate feedback about the AGI gopher. Please send your comments to: [govt@agi.umd.edu](mailto:govt@agi.umd.edu)

#### **U.S. Fish and Wildlife Service**

The U.S. Fish and Wildlife Service has announced that the National Wetlands Inventory's World Wide Web server is now operational. You can access this server at: <http://www.nwi.fws.gov/>

If you have any questions or comments, please contact Herman Robinson at: [herman@enterprise.nwi.fws.gov](mailto:herman@enterprise.nwi.fws.gov)

#### **CIESIN**

The Consortium for International Earth Science Information Network (CIESIN) WWW server is available at: <http://www.ciesin.org>. The CIESIN home page provides access to information resources which support CIESIN's mission of facilitating the understanding of human interactions in the environment. The include sections on: Data Access; Information Resources; Analysis Services; Education and Outreach Services.

For Gopher users, CIESIN also maintains a Gopher server with a subset of the features described above, located at: [gopher.ciesin.org](http://gopher.ciesin.org)

Several of these resources are being beta tested. If you have questions about the CIESIN World Wide Web Home Page or would like to beta test any service that is available for testing, please contact CIESIN User Services between 8 A.M. and 5 P.M. Eastern Time at:

CIESIN User Services  
2250 Pierce Road  
University Center, MI 48710 USA  
Phone: (517) 797-2727  
Fax: (517) 797-2622  
E-mail: [ciesin.info@ciesin.org](mailto:ciesin.info@ciesin.org)

#### **Rocky Mountain Association of Geologists**

The Rocky Mountain Association of Geologists (RMAG) new geologic bulletin board can be accessed at (303) 473-0048. For additional information, contact Noel B. Waechter, Treasurer, RMAG; [noel.waechter@rmag.org](mailto:noel.waechter@rmag.org)

#### **U.S. Department of Energy**

The internet address for the U.S. Department of Energy, Energy Information Administration is [infoctr@eia.doe.gov](mailto:infoctr@eia.doe.gov)

## **MEMBER NEWS**

**BARBARA L. WAGNER** is the new Branch Librarian (the staff calls this "Chief") at the USGS Denver Library.

She received a BA Biology, from Heidelberg College, her MS in LS from Western Reserve University and has a CAS (Certificate of Advanced Studies in Environmental Information--6th yr. cert.) from the University of Denver. She has had coursework in geology & natural resources (and one course in mining engineering).

Ms. Wagner has 30 years experience in various types of libraries, including public, academic and special; 20 years in library management. Recent positions: Reference Librarian, U. of Wyoming Science/Geology Libraries, 82-85; Director, Colorado State Publications Library, 85-90; Regional Librarian, US Environmental Protection Agency, Region VIII, 90-92; Library Project Officer, US EPA, 92-94.

Active in SLA; previously active in ALA, Mountain Plains Library Assn. and Colorado Library Assn. In SLA: Past-Chairperson, Natural Resources Division; Past-President, Rocky Mountain Chapter; also worked on/chaired several committees for both the Division and Chapter.

Miscellaneous: Dialog searcher since 1973; trained in records management and archives methods; have computer security, LAN and Internet knowledge/experience; Colorado Semi-Native (23 years).

Interests: Many and varied (as most librarians do); would like to study stromatolites (living/Precambrian).

She can be reached at: (voice) 303/236-1004; (fax) 303/236-0015; e-mail [bwagner@gccmail.cr.usgs.gov](mailto:bwagner@gccmail.cr.usgs.gov)

**MIRIAM SHEAVES'** new e-mail address is [miriam\\_sheaves@unc.edu](mailto:miriam_sheaves@unc.edu).

**DENNIS TROMBATORE's** new e-mail address is [drtgeol@mail.utexas.edu](mailto:drtgeol@mail.utexas.edu)



**REVIEWS**  
by  
**Linda Musser**

The May 1994 issue of *American Libraries* features the "U.S. Periodical Price Index for 1994". The average price for earth science/geography titles was \$159.64, a 10% rise over 1993. Based on LC class QE, the average price was \$307.83, a 3.6% increase over 1992/93.

ROSALIND WALCOTT, has published two papers in *Science & Technology Libraries* (v. 14, no. 3 1994). "Local Citation Studies - A Shortcut to Local Knowledge" (p. 1-14) describes her project to analyze citations from local theses as a method of gaining insight into local user's needs. "Serials Cited by Marine Science Research Center Faculty, University at Stony Brook, 1986-1991" (p. 15-33) describes a serial study based on citations in faculty publications.

In this same issue of *Science & Technology Libraries* are several other articles of interest. They include "Issues Related to the Education and Recruitment of Science/Technology Librarians" (p. 35-42), "Implementing a CD-ROM Network in a Military Geophysics Research Facility" (p. 43-54), and "Science in Yellowstone National Park: A Resource Guide and Bibliography" (p. 55-69).

For those who think that working in a library is hazardous to your health, the authors of "Radioactivity in Fine Papers" (*Journal of Environmental Radioactivity*, v. 21 (1993), p. 177-187) found that working around glossy- print materials adds 3% to the natural background radiation dose. Before you panic, the authors also state that it is about the same amount contributed by the construction materials in a building - and it decreases with distance. I guess that means we should stay away from those books, hmmm?!!

Finally, some new books of interest include:

- "It Comes with the Territory, Handling Problem Situations in Libraries" MacFarland, 1993
- "Reference Interviews, Questions and Materials" Scarecrow, 1994.
- "Research in Reference Effectiveness" ALA, 1993.
- "Secrets of the Super Searchers" Eight Bit Books, 1993.



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