



CONTENTS

Special features

GeoRef's List of Priority Journals.....	15
Geology Library Profiles:	
SGU, by Independencia Iselidh	23
University of Queensland, by Margaret Eva	23
Duplicate guidebooks available	24

Departments

President's Column	1
Vice President's Column	3
Annual Meeting minutes	
Business Meeting	3
GeoRef Users Group	9
Pacific Section	11
Annual Reports	
Officers	11
Representatives	11
Committees	12
Committee news and reports	16
Member News	11
Reviews, by Linda Musser	19
Publications and readings	19
Job announcements	21
Announcements	22
Seattle Meeting Notes	26
Glacial Drifter	27

PRESIDENT'S COLUMN

Judging from the feedback, it seems that the 1993 Annual GIS meeting was a success. The turnout this year was quite high. We haven't received a final count, but more than 60 members attended this year. The total GSA attendance was over 6200. I really enjoyed putting together this year's meeting, and would like to express my thanks to the members of the Program Committee (Karen Campbell, Marie Dvorzak, Dea Hanson, and Kathy Keefe) for all their work. Thanks also go to all the committee chairs who worked so hard all year long to

ensure that the various programs were interesting. Once again, we can be pleased to note that our meetings draw attendees from outside of our Society. Our symposium this year, "Finding and Communicating Geoscience Information" had standing room only attendance, with geologists and geology students coming to hear more about the changing world of electronic information and publishing. Our booth this year had an Internet hook-up, and judging from the positive response, there is a great deal of interest in access to earth sciences information via the Internet.

I was pleased to represent the Society at the annual breakfast for Presidents of Associated Societies of GSA. Many topics were discussed, many of them having to do with the meeting itself, but I was interested to notice the topic of geological field trip guidebooks come up. There was some discussion about whether GSA should publish the guidebooks for the Annual Meeting. Though it appears that this will not happen, it was noted that access to guidebooks remains crucial to earth scientists.

On a related note, I am pleased to announce that Richard Spohn is able to resume work on completion of the 6th edition of the Union List of Geologic Field Trip Guidebooks. All committee members have been busy finishing the compilation and publication is expected sometime early next summer.

In the next newsletter I will be able to report to you on a "Summit Meeting of Earth Sciences Societies" which I will be attending at the National Academy of Sciences in Washington D.C. The meeting will focus on federal policy related to earth sciences, and I hope to have the opportunity to speak about federal policy related to earth science information to those in attendance.

Please note that along with your membership renewal form this year, there is a Membership Survey. The Executive Board wants to know how well the Society is serving the membership, and what ideas you may have for new initiatives. So please take a few minutes to fill out the form and return it in the envelope along with your renewal. We will compile the results and report on them in the Spring. We want to hear from you.

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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, 1994 issue of the *GIS Newsletter* should be received by the Receiving Editor no later than January 15, 1994. If possible please send materials on IBM-compatible disk (Wordstar 3.3, Wordperfect 5.1, or ASCII format) or by e-mail.

VICE PRESIDENT'S COLUMN

Boston was a superb setting for an outstanding meeting organized by Connie Wick and a team of dedicated volunteers. The symposium emphasized both the publishing and retrieval sides of geoscience information and it was standing room only to listen to our speakers. Our booth, arranged by Dona Dirlam, was also extremely busy as people tried out Internet protocols and learnt from each other. The booth brought us high profile, excellent publicity and exposure; kudos to Dona for a tremendous effort. We all left Boston with memories of brilliant fall (dare I say autumn) colours and brisk weather as the Atlantic winds swept away the last dregs of crowded halls.

How I envied everyone leaving for the field trip as I went off to the Joint Technical Program Committee Meeting for Seattle in 1994. Planning is well under way for an exciting conference with a very appropriate theme: Geology "At the Leading Edge". It's an opportunity to look at all aspects of geology around the Pacific Rim and the utilization of new technology to geological problems. Next year's GIS symposium tentatively entitled "Changing Gateways: the Impact of Technology on Geoscience Information Exchange" is beginning to take shape. This can be interpreted in many ways and as plans are still in the formative stages, please let me hear from you as I am very open to suggestions and ideas.

Even though the official call for papers won't come until the April newsletter we all know how time flies. Now is the time to begin shaping your ideas and looking at what you have done which you could share with us all. Well under way is a workshop entitled "Geowriting" which we are co-sponsoring with the Association of Earth Science Editors and AGI. Today, technical writing skills are critically needed to clearly state problems and to manage the evergrowing bibliographic databases. Dena Hanson is our co-ordinator for the workshop. Steve Hiller and Connie Manson are debating just where they can take us on a field trip so that we can all appreciate and see some of the diverse geology and many tastes of the Pacific Northwest.

Planning is also underway for other workshops and GIS activities. I really urge you to think about what changes or material you would like to see in our program next year. If you are thinking of presenting a paper or poster session, but weren't at the Boston meeting or it came to you after the meeting, please let me know. My e-mail addresses are: haner@ucrvms (bitnet) or haner@ucrcl1.ucr.edu (internet).

I came away from Boston with a very positive feeling for the support of our programs and the new faces I saw at the meetings. I tried but failed to meet all the new members and first time attendees. To all those I missed, I would like to extend a very warm HELLO and look forward to seeing you next year. In the meantime, please let us know if there's anyway GIS can help you.

Minutes GEOSCIENCE INFORMATION SOCIETY Annual Business Meeting Marriott Copley Place: Salons C-D Monday, October 25, 1993, 1-5 p.m. Boston, MA

The meeting was called to order by President Louise Zipp and brief remarks were made about operating under the new organizational documents which were approved by the membership last summer. She stated that the new documents preserve the spirit of the old constitution and bylaws and then directed attention to the following agenda, which was given to each attendee.

Call to Order

1. Approval of minutes from 1992 Annual Business Meeting
 2. Introduction of officers, new members, and visitors.
 3. Reports
 - a. Officers
 - b. Representatives
 - c. Committees
 4. Pacific and Canadian sections' reports
 5. Old business
 - Geoinfo4 Proceedings
 6. New business
 - Increasing revenues/reducing expenses
- Announcements
Adjournment

The chair then asked for introductions: (1) the Officers, (2) New Members and (3) Visitors. Two new members were present: (1) Vivienne R. Roumani-Denn (UC Berkeley) and Dianne Taylor-Harding (Memorial University of Newfoundland). There were no visitors.

The next agenda item was to have the minutes of the 1992 Annual Business Meeting approved. The president requested and Dick Walker offered a motion to approve the minutes which was seconded by Lois Pausch. The membership then voted to accept the minutes as submitted. President Louise Zipp then stated that members of the Ad Hoc committee on the Constitution and By-laws should act as parliamentarians because they drafted the new bylaws.

At this time, Unni Rowell was recognized by the President. She expressed her concern that the information already published in the newsletter not be repeated but only discussed and additional information added. The president then explained that the officers, committee chairs, or representatives should only make updates, if any, to those reports already found in the October newsletter.

Reports--Officers and individual appointees:

President Louise Zipp reported that: (1) GIS had been asked initially to send an officer to represent the society

in a summit meeting of Earth Sciences Societies to be held in Washington, D.C.. After discussion, it appeared that the most appropriate action would be to see if a local member could represent the society at the meeting. The Executive Board will decide how the society will be represented at this meeting; and (2) AGI has requested that the Society increase its financial support of the Government Affairs Program. The society is now assessed \$.75 for each member; and (3) AGI is convening an Environmental Advisory Committee for which they would like to have a GIS representative. Joni LeRud has been asked by the president to serve on that committee. Joni stated that, to date, no meeting had been scheduled.

In her position as acting Publications Manager, Louise had distributed to members an written update to the publications manager's report. The update gave details of publications sales and inventory. Remarks indicated that members liked the new format of the membership directory. Dena responded to the question concerning the guidebook guidelines. She thought that these guidelines needed to be revised and would make that recommendation to the committee. At this time, Louise reminded committee chairs to send their materials to the archives.

Vice-President Connie Wick reported that she enjoyed serving as program chair for the Boston meeting. She thanked (1) the program committee members; (2) the companies that gave financial support to our activities (Cambridge Scientific for sponsoring the GIS reception and Elsevier for sponsoring the database forum) and (3) Karen Campbell, who assisted with the field trip and compiled the list of restaurants in the area. She announced that: (1) two receptions would be held at this meeting, one the regular GIS reception at the Marriott, and a reception/tour in the Harvard Map Collection at Harvard and, (2) a few tickets were left for the field trip (Geology of the Boston Basin). She stated that participants would leave promptly at 9:00 a.m. from the Marriott and return at 3:00 p.m. and they would receive lunch and a copy of the guidebook. She asked that questions about the trip or guidebook publication should be directed to Karen Campbell, who was staffing the GIS Booth. She then gave a review of the scheduling time, locations and rooms for the other events (symposium, luncheon and awards, technical session and poster session). She also encouraged members to (1) find Lois Pausch and help identify persons in pictures taken at last year's meeting and (2) sign up to staff the GIS Booth. She said that Dona Dirlam had done an excellent exhibit of 10 different Internet tools and needed assistance at the Booth. Workers did not need to have extensive knowledge of the Internet, but could investigate it with guests.

President Zipp thanked Connie and the Program Committee and then invited Barbara Haner (Vice-President elect) to share plans for the Seattle meeting next year. B. Haner reported the theme: "Geology at the Leading Edge".

The usual events were being planned and additionally she was working with Dena Hanson to help sponsor a workshop with AGI called Geowriting. She also thanked the membership for their support so far and encouraged them to send their ideas or suggestions for speakers for the Seattle meeting to her.

Past President Dena Hanson had nothing additional to report.

The Treasurer Barbara DeFelice passed out the third quarter financial report to the members. She stated that this year the Society expected to have a deficit of about \$1700. Invoices have been received for most of the expenses and the bills have already been paid. Fortunately there was no unusual expense for the year like the *Compass* issue. She continued by remarking that the ability to project expenses is hampered by the inability to gather data on the exact amount of institutional support which is received by committee members and officers. In order to better project expenses, she stated that it is important for officers and committee chairs to submit budgets and report expenses and calculate a dollar-value for institutional support. She then requested that committee chairs should send her the remaining bills which still needed to be paid this year. The treasurer closed her remarks by stating that Marie Dvorzak had collected and organized data on membership expenses looking at costs per member which would be addressed under new business.

The Secretary's report was then given as printed in this newsletter. She announced that attendees should update their entry in the copy of the Membership Directory which accompanied the attendees list and that future changes to the directory should be sent to her.

President Zipp reminded members to indicate their preference for serving on committees on the attendees list.

Connie Manson, the Newsletter Editor, then stated that she wished to thank Deborah Grealy and Linda Musser for their assistance this year and report that she was able to get a really good printer for the newsletter. Joni LeRud then asked if there were any plans to make the newsletter available in electronic format. Connie responded by stating that there was no reason not to consider doing this since the technology was available; she then queried the membership to whether they would like to receive the newsletter electronically or in paper copies. She noted that in order to receive bulk mail rate, the Society has to send at least 200 issues out; but that, of course, an electronic format would speed up the delivery. She suggested maybe putting it out on the Geonet or on a separate mailing list, but warned that sometimes it might be 50 or 60 pages. Deborah Grealy and Linda Musser had nothing to add to the report.

Barbara Haner who served as Publicity Officer stated that she would like to get copies of and receive information about press releases sent out for the Society. She would ultimately like to do a scrapbook which would be

sent to the Archives.

Lois Heiser, GeoNet-L editor, reported that GeoNet was working well. Currently there were 224 subscribers. She noted that the number of subscribers change daily and that she had not reviewed the directory to get accurate information on who the subscribers are, but there seems to be a lot of Internet subscribers.

Reports--Representatives:

AGI, GeoRef Advisory Committee: Miriam Sheaves reported that she met with the committee once this year and it was the usual committee meeting of marketing and budgetary affairs. She was unable to attend the second meeting in April, but it was attended by Joni LeRud and Charlotte Derksen.

AGI, Government Affairs Program: Marie Dvorzak said that her report had been published in the newsletter. She noted that the National Mapping Act had received no support so that some milestones in the 4 year deadline would be missed. She also stated that she had the National Geologic Data Repository Report and would share it with any member who wished to see it.

AGI, Member Society Council: Dena Hanson reported that only 14 of 24 members support the AGI Government Affairs program. They needed extra support and had been able to get \$3000 more in funding from state geology societies and \$5000 from GSA. She stated that K-12 Sourcebook people might have a meeting during the conference and that she had expressed her view that a conscious effort be made to continue work on GeoRef and its improvements as AGI expands its activities. She noted her concern that the National Geologic Data Repository should include in its mission the need to organize and manage the materials as well as store them. She also said that she was not confident that DOE funding was imminent.

The reports for the representatives to ALA, MAGERT and ALA, ACRL were published in the October newsletter and did not need to be updated.

Cartographic Users Advisory Council: Michael Noga began his report by noting that Jim O'Donnell is the Council's liaison to the National Geophysical Data Center and NASA and that he is the liaison to the USGS. He stated that:

(1) The distribution of the digital orthoquad maps is a concern. These maps will be county maps and the number of disks for each county is not fixed because of the data compression use. Depository libraries will not receive the maps for the entire USA, but will probably receive the counties in their state.

(2) A survey will be faxed to depository libraries to find out if they would like to receive the digital chart of the World (DCW). The depository copy will be the first edition.

(3) The FGDC (Federal Geographic Data Committee)

Manual is available free and directions on how to receive it are available in the Sept. 15th, Administrative Notes. The state of California single sheet topographic index has just come out and is available on depository. USGS is responsible now for selling DMA Charts.

(4) A highlight of the CUAC meeting was a tour of a document expediting project (DocEx) at the Library of Congress Gifts and Exchange Division. Marie asked about whether regional library would get all orthophotoquads. She felt that then the regionals could make them available to others. Michael thought this would not occur given the reduction in the depository program budget. In most cases, each county will be one CD-ROM; however, smaller counties will be combined and some larger ones will require multiple disks. The standard price for a disk will be \$32.00 as set by USGS. The CUAC meeting was preceded by a conference on the future of map libraries. At that meeting NOAA pronounced that it was phasing out paper products over the next few years. Gary North at USGS said that mapping will be more and more not a paper product.

North American Cartographic Information Society: Ed Hall reported that he attended the meeting last week at Silver Springs Maryland. There was the usual program and a workshop on cartographic animation and digital data. William Wood from the U.S. Department of State was the key note speaker who spoke on the unfortunate trend of changing the boundaries of nation states. The next meeting will be Aug. 7-10, 1994, in Ottawa, Canada. NACIS has published three issues of *Cartographic Perspectives* this year. He stated that a report would be submitted to the *GIS Newsletter*.

Western Association of Map Libraries: Michael Noga reported that WAML had a Spring meeting in San Francisco and a Fall meeting in Salt Lake City, Utah. The next meeting would be held the end of March at University of California, Riverside. He stated that the Mary Larsgaard has a new book which is being sold by WAML. Connie Manson then inquired about the financial state of the organization and how its income was made. Michael told us that the organization had several publications which were income producing. Jim O'Donnell credited the sales from their occasional paper series and microfiche reproductions for aiding greatly in keeping the organization financially sound. Michael noted that he would submit to the newsletter, a detailed report.

Reports--Committees:

The following committees had nothing additional to report and the printed reports stands as it appeared in the October issue of the *GIS Newsletter*: Archives, Best Paper Award, Collection Development Issues, Educational Initiatives, Membership, Newsletter Advisory, and Nominating.

Best Reference Work Award: Margy Walsh thanked her committee and stated that the awardee would not be

able to attend the award luncheon, but that a representative from the publisher would be present. Louise Zipp said that there is a sign about the award at the publisher's booth and flyers are at the GIS booth.

Digital Data: Kimberly Parker reported that 50 persons attended the forum. Fourteen attendees were not GIS members and ten seem to be end users--persons who were not vendors. The President thanked Kimberly Parker and her committee for a very successful forum.

Exhibits: Dona Dirlam reported that the exhibit booths theme was Internet. She asked for members to sign up for the booth. She expressed her appreciation to Connie Wick for her help in providing persons to sit at the booth and thanked all who participated in making it happen.

GeoRef Users' Group Steering: Marilyn Stark announced that Suzanne Larsen, Elaine Clement, and herself would make presentations at the Users group meeting. She stated that GeoRef on CD-Rom was being demonstrated at the AGI booth 822 instead of the beginning GeoRef class. She then discussed the core journal list revision project. She stated that the core list consist of those journal titles that have the fastest processing at AGI and that the initial core journal list had been placed on GeoNet-L. The first list was composed of all general suggestions received from the membership. She concluded her remarks by saying that the response from members to the request for input was great and the final list of 100 titles from committee will be printed in the next newsletter. She thanked committee members for their work.

Guidebooks Standards: Lisa Dunn thanked the committee, especially Dena Hanson for distributing the guidebook guidelines. She asked members to continue to give their recommendations and comments on the standards for the guidebooks.

International Issues: Claren Kidd reminded attendees that the committee was in its first year of work and thanked the committee members. She reported that efforts were made to increase the international membership of GIS. The committee gathered potential member names from some foreign countries: Israel, France, and Scandinavia. GIS had also been placed on the Israeli Civil Service Administration list of professional organizations. She stated that in the April newsletter issue, Zelda Colodner published an article about higher education, academic libraries, and geoscience collections in Israel. She mentioned that Dorothy McGarry is creating a list of individuals or organizations interested in international issues and that attempts would be made to create liaisons with these parties. She stated that Barbara Haner is currently writing a proposal to the Board to create a fund to support international research. Claren also noted that eleven organizations have been advised on how to get duplicate publications, and some journal and book materials from six GIS libraries had already been shipped to

Lithuania. Claren then thanked Lee Regan and Mary Scott for identifying people who wanted and needed these publications.

Preservation Issues: Inactive this year.

Ad Hoc Committee on the Constitution and By-Laws: Report stands as is.

Ad Hoc Committee on the Directory of Geoscience Libraries, 4th Edition: Connie Manson thanked members of the committee, other GIS members and staff of the Washington Division of Geology and Earth Resources who contributed to the successful production of the directory: Charlotte Derksen, Jari Roloff, who designed the cover and Kitty Reed, who edited the final copy in Ventura. She also thanked Thomas Dowling (University of Washington).

Ad Hoc Committee on the Fifth International Conference on Geoscience Information: Dick Walker reported that he recently receive information about the conference plans. He now had a tentative list of attendees or a list of persons who have expressed interest in attending the conference. Communication had been sporadic at times. He also stated that he received a list of all papers which had been received and accepted for the program. Five of these papers were from GIS members. He then made the following motion which was seconded by Lois Pausch concerning the society's intention to provide financial assistance to some attendees: That membership for purposes of awarding honorarium be defined as of today. At this time, Jim O'Donnell stated that this discussion should take place later in new business.

Ad Hoc Committee on the Union List of Geologic Field Trip Guidebooks, 6th Edition: Dorothy McGarry reported that several members had met with John Mulvihill. The committee expected to have all work completed so that this edition would be published by the summer of 1994. It would be published definitely in paper copy and offered to contributors at a reduced rate.

Ad Hoc Committee on the Union List of Geologic Field Trip Guidebooks, 7th Edition: Inactive this year.

Ad Hoc Committee to Review GeoNet-L: Michael Noga announced that a summary of the written report with recommendations sent to members of the executive board would be placed in the newsletter. The committee did interview GeoNet-L editor and did investigate the role and functions of other listservers. The committee recommended the establishment of a three member committee to serve as backup editors and as an advisory panel when needed by the editor. The committee advised the Executive Board to consider the question of how much GeoNet-L reflects GIS. The concern is not that the server is encroaching on the newsletter, but that an opportunity to use the list server to promote GIS is being missed.

Reports--Sections:

Pacific section - Connie Manson said that a meeting

was scheduled for 5 p.m. until 7 p.m. Monday evening and that membership is open to people in the Pacific states or anyone who has been in the Pacific states.

Canadian section - Jennifer Graves reported that the Canadian section had been inactive, but that five members were present at today's meeting. There are twenty-seven Canadian members in the society, and they are thinking of doing a membership drive. They have already bought mailing labels from the Directory and need promotional material from GIS.

Old Business:

GeoInfo IV Proceedings: Connie Wick reported for David Reade that GeoInfo IV Proceedings will be released as GSC Open File 2315 and will have a 1993 imprint. It will be announced in the January 1994 GSC Monthly Circular. A copy of the Proceedings will be distributed at no charge to all conference participants and a limited number of copies will be available for purchase. Questions concerning the proceedings may be directed either to David Reade (613-992-8916) or Annette Bourgeois (613-995-4089).

New Business:

(1) President Zipp reported that she had been approached by an individual who was considering a substantial gift to the Society. She said one idea that was being floated was the creation of a publications series where articles could be edited into annual volumes. She asked if there were manuscripts available to be considered for publication in a refereed source. Connie Manson asked if we wanted papers that had never been issued before. Louise Zipp explained that the objective would be to generate revenue as well as offer a peer-reviewed publication medium for the Society. Dick Walker asked if the gift had to be put into a fund other than the regular operating budget. Louise said that the donor had some interest in the area of publications. Dena Hanson asked if Mary Ansari was present because she was the author of a survey which asked about whether Society members felt that they needed better or more avenues for the publication of their works. It was stated that most people felt that they preferred publishing in other publications. Some mentioned the need for an occasional book series, and some expressed interest in an occasional paper series. Linda Musser suggested that we might consider creating an index to the twenty-five years of Proceedings volumes. Dick Walker asked if we could use the funds to enhance our current publications. John Mulvihill asked if members could offer suggestions not concerning publications. President Zipp stated that other suggestions could be submitted to the executive board. Some discussion occurred concerning the development of a new publication that might follow the example of the state geological survey offices' data sheets for geologists. Margy Walsh

and Marie Dvorzak said that they just ordered a similar publication from the State Geologists Association.

(2) A discussion began about the Society's revenue. President Zipp stated that last year the Society overspent its budget by \$6,000, 3,000 of which paid for the *Compass* issue. Income from interest was minimal and other income was from membership dues and publications. She announced that it now appeared that we would have a deficit of about \$2,000 this year, and she invited the membership to look at the treasurer's report. Income from this year's regular publications dropped, but a \$2,500 profit was made on the new edition of the *Directory of Geoscience Libraries*. She attributed this to the excellent marketing done by Connie Manson and thought that the publication will go into a second printing. She explained that the Directory sales provided a cushion that would not be available next year, since the information will become obsolete. She continued that all organizations were experiencing a decline in membership, which simply reflected the economic situation. With this in mind, she asked Marie Dvorzak to look at the cost associated with providing member services. She calculated the cost for 1992-1993 services per U.S. member to be \$53.64, per Canadian member to be \$59.86, and per other foreign member to range from \$59.86 to \$70.00. (This data was summarized from the update sheet passed out to the membership by Marie Dvorzak.) Since postage costs more for international members than domestic, the Society loses money on each international membership and postage is the major expense. President Zipp emphasized that the Board's assumption is that we should look for ways to increase revenue instead of cutting services to active or passive members. Thus, two proposals were offered to the membership. She stated that the prices of the publications have already been increased and that the Board was suggesting that the cost for Society membership also be increased. The first proposal was to increase all personal memberships to \$50 and institutional memberships to \$70. The second proposal was to have personal membership dues of \$40 and institutional memberships dues of \$60 for domestic and Canadian members and personal membership dues of \$50 and institutional memberships dues of \$70 for other foreign members. President Zipp then asked for suggestions from the floor about revenue. Connie Wick clarified that we did work on the annual meeting and did cut back on some expenses. She stated that committee chairs were asked to monitor closely their expenses and reduce them where possible. Several members expressed their views; some suggested that permanent revenue increases were needed, while others thought that the last two years' expenses were unusually high, and others thought that the Society should more actively seek gifts and donations. Some members expressed views that the Society should consider mutual funds as a possible source of increased revenue, and others objected strongly to having member-

ship dues determined geographically. Other suggestions included offering a stratified membership, publishing the Directory on disk, which could be reproduced on request, not sending committee chairs two copies of the Directory, sending the newsletter by e-mail, sending proceedings/directory by regular delivery to foreign members, add additional fees for air mail, and raising the dues. Another suggestion was that the society needed to actively seek sponsors for the publications. After lengthy discussions of the pros and cons of having different rates for domestic and foreign members, the membership was reminded that the by-laws state that dues can only be changed at the annual meeting. Finally, a motion was made by Jim O'Donnell and seconded by Claren Kidd to increase the current dues for personal membership to \$40.00 and institutional memberships to \$75.00. Discussion which occurred before the vote included various dues structure options and some more discussion on the need to investigate electronically produced publications. The vote on the motion was then taken and the motion passed with one abstention from Ed Hall.

(3) The next discussion focused the members' attention again to the area of GIS support for attendees of GEOINFO V. Dick Walker reminded the members that the Society had decided to dispose of the approximately \$9,000 profit from the 1982 international meeting by supporting attendees at the Prague meeting. He continued that it had been decided by the Board that \$1,000 would be used to support third world country members and up to \$8,000.00 to support GIS members who were presenters at this meeting. Any remaining funds would be used to help a GIS officer to attend. The previous motion to determine who would be considered as members was needed because the deadline for submitting abstracts had been extended and abstracts were still being accepted. The motion would assure that all members as of today could receive funds. The motion passed.

Announcements:

Louise Zipp requested that anyone interested in serving as publications manager should contact her or Connie Wick. Presently serving in this position, she is in violation of the society's constitution and by-laws.

Joni LeRud remarked that it is time to review the society's charge, goals, and mission, and to make a strategic plan; specifically, where we are going, where we should be going, etc. Louise Zipp agreed that we need to use strategic planning, but we need people to help us do this, and that interested parties should contact Connie Wick. Connie Wick then stated that a survey of membership is a first step in this plan. Joni continued by expressing her view that the membership should be asked what they think their mission should be. This should increase our effectiveness by providing the society a firm agenda. She stated that members needed time to do things

other than GIS business at GSA meetings. Unni Rowell requested that we ask ourselves what the society is doing and what it is not doing. We might start by considering the impact of the loss of industrial members.

Mark Finnegan announced that Petroleum Abstracts is offering a CD-ROM product that Dialog will produce. It will be available in the spring of 1994 and will be updated three times per year. An academic agency will be able to purchase the product for \$2,450.

David Reade reported that the Geological Survey of Canada is releasing its first two CD-ROM products. One is a disk containing ten data sets in a number of different formats. These will be announced in the November circular for \$150. It is hoped that they can be used to help teach GIS applications. The other is a digital map of the Slave Province (Northwest Territories) authored by Dr. Paul Hoffman.

He announced that there was a CD-ROM exposition conference presently occurring in Boston. A trade show was present at the World Trade Center from October 27-29, and members could attend for \$25.

Louise Zipp announced that some of the Geological Survey of Canada publications are ceasing: Memoirs and Papers. Consult your GSC monthly circular. It was stated that these publications will come out in the Bulletin series except for the title *Current Research*.

Donna Dirlan wanted to thank Jim O'Donnell for setting up the exhibit while she attended a field trip on Sunday.

Louise thanked outgoing officers and congratulated the new officers.

Attendees

Mary Ansari: University of Nevada, Reno
Diane Baclawski: Michigan State University
Reggie Brown: Ohio State University
David A. Cobb: Harvard University
Harry Davis: Southern Illinois University, Carbondale
Barbara DeFelice: Dartmouth College
Charlotte Derksen: Stanford University
Dona Dirlam: Geological Institute of America
Marielle Doyon: Geological Survey of Canada
Lisa Dunn: Colorado School of Mines
Marcie Dvorzak: University of Wisconsin, Madison
Mark Finnegan: University of Tulsa/Petroleum Abstracts
Susan Goodman: Rutgers University
Jenifer Graves: Geological Survey of Canada
Deborah Grealy: University of Denver
Pat Hailey: University of Tulsa/Petroleum Abstracts
Edward J. Hall: Kent State University
Julie Hallmark: University of Texas, Austin
Barbara Haner: University of California, Riverside
Lois Heiser: Indiana University
Steve Hiller: University of Washington

John H. Hunter: Rice University
John Kawula: University of Idaho
Katherine Keefe: Massachusetts Institute of Technology
Claren Kidd: University of Oklahoma
Midge King: University of Calgary
Susan Klimley: Lamont-Doherty Earth Observatory
Mary Krick: Illinois State Geological Survey
Carolyn Laffoon: Purdue University
Suzanne Larsen: University of Colorado, Boulder
Carol LaRussa: University of California, Davis
Joanne V. Lerud: Colorado School of Mines
Connie Manson: Washington Division of Geology and Earth Resources
Clara McLeod: Washington University, St. Louis
Dorothy McGarry: University of California, Los Angeles
Carol H. Messick: U.S. Geological Survey, Reston
John Mulvihill: American Geological Institute
Linda Mussen: Pennsylvania State University
Linda Newman: University of Nevada, Reno
Michael Noga: University of California, Los Angeles
Jim O'Donnell: California Institute of Technology
Lois M. Pausch: University of Illinois, Urbana-Champaign
Kimberly Parker: Yale University
Vivienne Roumani-Denn: University of California, Berkeley
Mary Scott: Ohio State University
Miriam Sheaves: University of North Carolina
Marilyn Stark: U.S. Geological Survey, Denver
Sharon Tahirkhel: American Geological Institute/GeoRef
Unni Rowell: Exmin Corporation
Dianne Taylor-Harding: Memorial University of Newfoundland
Nancy Thurston: Ontario Geological Survey
Julia H. Triplehorn: University of Alaska Geophysical Institute
Dick Walker: University of Wisconsin, Madison
Margy Walsh: Texaco
Sandy Ward: Mount Holyoke College
Connie Wick: Harvard University
Linda J. Winograd:
Patricia Yocum: Ciesin
Louise Zipp: Iowa State University

Respectfully submitted,
Clara P. McLeod, Secretary

Minutes
GEOSCIENCE INFORMATION SOCIETY
GeoRef User Group
October 26, 1993
Boston, MA

Chair Marilyn Stark opened the meeting by introducing John Mulvihill and Sharon Tahirkheli, from AGI; and Melissa Kaus, from SilverPlatter.

John Mulvihill reported on the status of the GeoRef database:

1. Timeliness of Priority Journal Indexing: As of the September update, the average processing time on 18 priority journals received directly from the publisher was 21 days. Processing time on priority titles received from USGS- Reston was 31 days.

2. GeoRef Updates: The October issue will go out early next week. When fully on schedule in early 1994 the issues should be mailed around the 15th day of the previous month. Sharon Tahirkheli has been giving a good deal of attention to bringing GeoRef on schedule. After January 2 the online version will be updated twice a month. The CD-ROM will continue to be updated quarterly. SilverPlatter will mail the update CDs by 35 days from the receipt of the data from AGI.

3. Pricing: Differential pricing for academic institutions and state surveys for GeoRef continues. The range is from \$950-\$2800 for non-networked users. Pricing for the LAN's will be determined by the number of simultaneous users and will be a percentage of the differential single workstation price. It is possible to mount the database on a hard drive using the SPIRS software for LAN access.

AGI is tailoring the price of GeoRef tape updates to the size of the organization. There will be a flat annual fee for the tapes, based on size and number of years of GeoRef selected.

4. Reloading GeoRef on SilverPlatter: This has been held up by AGI because of the move to a new computer system. Work will be done to clean up the database and it will be forwarded to SilverPlatter after the first of the year.

5. Environmental Database: Over the next few months AGI will be developing an environmental database that will be added to GeoRef. There is a new AGI Environmental Committee. Database scope and appropriate journal titles are being sought from this group. Mulvihill asked GIS members to help identify journals, in addition to those already in GeoRef, that would be appropriate for this database.

6. Soviet Petroleum Information: Oil companies are funding the production of a database containing material on petroleum resources in the former Soviet Union to begin in March 1994. It will include material not currently covered in GeoRef, which will be added to GeoRef on a delayed basis.

7. AGI Finances: The AGI financial picture is good. GeoRef as well as other parts of AGI are bringing in money. The CD-ROMs are helping quite a bit. Responding to a question concerning the continuation of the print version of the *Bibliography and Index of Geology*, Mulvihill said it would continue to be published as long as there were subscriptions. An improved subject index for the Bibliography was introduced in January.

8. Policy on downloading from the GeoRef CD-ROM: Mulvihill responded to a request that AGI clarify its stand on the legality of downloading large numbers of references from the GeoRef CD-ROM. An extensive discussion ensued on the topic. It was pointed out that state institutions could not limit use of their resources. Many librarians at the meeting indicated that they did not wish to become the enforcers of limiting use of GeoRef. The suggestion was made that it be treated like copyright-- a statement on appropriate use would be issued by AGI (and posted if desired) and enforced if necessary. This seemed to meet the needs of most people at the meeting. The statement would include the fact that downloaded information can't be repackaged and sold for commercial use.

9. Difficulty of downloading GeoRef into citation managers: Mulvihill indicated that AGI is aware of the problem, which is most apparent in old records. The SilverPlatter format for records is also part of the problem. AGI is working on the problem. Melissa Kaus, the SilverPlatter representative, responded that SilverPlatter is also looking into the problem.

10. WinSPIRS: SilverPlatter has developed a new Windows version which will have separate indexes for fields such as author, title, source, etc. SilverPlatter will continue to support their non-Windows product as well. She was asked if SilverPlatter was considering going to a "basic" index which accessed titles and descriptors, like the online version of the database has. This would alleviate the problem of finding words in the Organizational Source (OS) field. Kaus indicated that this was not currently under consideration.

11. Abstracts: Mulvihill indicated that GeoRef will be including more abstracts in the database. They are currently receiving them from Elsevier and GSA. AAPG, SEG, and SEPM have indicated they will send abstracts.

12. New production system and subject index: He elaborated on the features of AGI's new production system which, among other things, allows paperless processing, the ability to print bibliographies in-house, and remote data entry and editing. Indexers have access to an online thesaurus. An author authority file has been developed and an authority file for invalid terms. A new subject index making use of autoposting and cross referencing is now in the *Bibliography and Index of Geology*. The user does not need to know the indexing system to use it.

13. GeoRef on Stanford system: The version of GeoRef loaded on the Stanford system is available to any member

of the SPIRES Consortium by making a request to Stanford and paying a royalty to AGI.

14. MiniGeoRef, currently available on OCLC FirstSearch, will be discontinued at the end of the year. Mulvihill said it was not being used as intended. Many at the meeting voiced dismay at this, especially those from small colleges.

Late breaking news: MiniGeoRef will remain on FirstSearch, according to John Mulvihill.

Questions from the floor:

1. Will it ever be possible to purchase a CD-ROM copy of back files of GeoRef, rather than lease the database?

This would allow retention of the disc if the subscription was cancelled. This is not currently allowed. Mulvihill said he would take that under consideration.

2. Where are we on revamping the priority journal list?

Stark said that the Committee met and came up with a draft list. It will be published in the newsletter and on GeoNet-L for comments. She asked that suggestions for the list be submitted with supporting statements. The list will be limited to 100 titles. Target date to finalize the list is March 1994.

3. What types of journals are being sought for AGI's environmental database?

GIS members at the User Group Meeting indicated strong support for the proposed environmental database as well as a desire to participate in its development. Mulvihill said that the journal list would be developed over the next 3 months. Titles of journals suggested for inclusion in the list should be sent to Marilyn Stark.

4. Will the new database cover Global Change?

Mulvihill said that current atmospheric coverage was limited but that he would like input on how they should handle it in the environmental database.

5. Does GeoRef index non-print forms?

Yes, especially USGS publications.

6. What was the response to the letter offering a second copy of GeoRef at \$500 to entities already subscribing to it?

It was intended to be an alternative to a LAN and could be placed in a lab or office outside of libraries. Mulvihill did not have specifics on numbers of second copies.

7. To what extent are state and federal open file reports currently covered in GeoRef?

All USGS Open-files are going into GeoRef. States have been asked to send their open files to the USGS Library in Reston for inclusion in GeoRef. Mulvihill did not know how many states had done so.

8. Does GeoRef cover Geological Survey of Canada open files?

Mulvihill responded that they were not, but AGI can now process the GEOSCAN discs and the Canadian material will go onto the system faster. It was bogged

down in the switch over to the new processing system and proved a real challenge. Nine hundred references from GEOSCAN will be in the November update to GeoRef. 9. Will GeoRef on SilverPlatter be updated more often?

There are no plans for more frequent updates of the CD. Mulvihill would like feedback on this.

In closing Mulvihill indicated that GeoRef was in a much more stable situation than last year in respect to the new production system.

Respectfully submitted,
Suzanne Larsen, Secretary

Minutes
GEOSCIENCE INFORMATION SOCIETY
Pacific Section
October 25, 1993
Boston, MA

The Pacific Section continues to provide a forum for communication for GIS members in the Pacific states (Alaska, Washington, Idaho, Oregon, Nevada, and California). The meeting was called to order at 6:35 p.m. Attending were:

Sylvia Bender-Lamb
Nancy Blair
Charlotte Derksen
Barbara Haner
Steve Hiller
John Kawula
Suzanne Larsen
Carol LaRussa
Dorothy McGarry
Connie Manson
Linda Newman
Michael Noga
Jim O'Donnell
Vivienne Roumani-Denn

Jim O'Donnell was elected Parliamentarian. Vivienne Roumani-Denn and Connie Manson were elected co-Chairs. The meeting was adjourned at 7:15 p.m.

Respectfully submitted,
Connie Manson, Co-Chair

MEMBER NEWS

DONA DIRLAM, at the Gemological Institute of America Library in Santa Monica can now be reached by e-mail. Her address is: gdm1@class.org

ANNUAL REPORTS

Officers

Secretary

This year the Secretary answered inquiries about the Society, provided information for directories, sent welcome letters, newsletters and membership directories to new members and filled requests for missing issues of the newsletter or for information about the Society.

The membership list was updated. This year members were removed from the membership roster if they had not renewed by April 1, 1993. The newsletter was mailed to continuing members only after dues were received. Mailing labels of members were prepared for communication and sale. The membership renewal form was revised to provide a place for individuals to make a tax deductible gift to the Society.

The format for the membership directory was changed to a smaller print type and a spiral binder. In an effort to save funds, President Louise Zipp arranged to have copies made at a copy shop.

The Society welcomed 24 new members and now has a total membership of 263:

203 in the United States
27 in Canada
33 in other nations

The breakdown of 1993 new members follows:

	U.S.	Canada	Other Nations	Total
<u>Personal</u>	11	0	4	15
<u>Institution</u>	4	0	1	5
<u>Student</u>	3	1	0	4
<u>Total</u>	18	1	5	24

Many thanks to all who assisted me in these activities.

Respectively submitted,
Clara P. McLeod, Secretary

Representatives

Western Association of Map Libraries

The Western Association of Map Libraries held its Spring 1993 Meeting at San Francisco State University in May. The conference was preceded by meetings of the California Geoscience Librarians Group (Calgeo) and the University of California/Stanford Map Librarians Group.

The Spring WAML meeting had a very interesting panel discussion on service to outside users at the map collections at Stanford, the Univ. of Oregon, and Univ. of California, Berkeley. Users might be asked to consult instructional sheets. Services might be reduced or only

available for a charge. In some cases, services are only available to primary users.

The Fall 1993 Meeting was held in Salt Lake City. Wendy Hassibe of the Earth Science Information Center was the host. The meeting focused on GIS activities of federal agencies, geographic names, and preservation. The conference ended with a very wet visit to Antelope Island in the Great Salt Lake.

The Spring 1994 Meeting will be held at the University of California, Riverside, from March 31-April 2. Barbara Haner is the host. The program includes a description of new mapping at the Southern California Earthquake Center, a presentation on installing a GIS system at the Ontario Public Library, and perhaps a tour of ESRI. The WAML banquet will be held at the historic Mission Inn, where Richard Nixon stayed. The conference will end with a field trip to the San Andreas fault.

WAML Occasional Paper 14, "Topographic Mapping of Africa, Antarctica, and Eurasia," by Mary Larsgaard is available now for \$45 from the following address.

Western Association of Map Libraries
c/o Richard E. Soares'
WAML Business Manager
P.O. Box 1667
Provo, UT 84630-1667

Occasional Paper 14 complements Larsgaard's 1984 book, "Topographic Mapping of the Americas, Australia, and New Zealand."

Two GIS members are on the WAML Executive Board. Sylvia Lamb is the current President, and Jim O'Donnell is Past President.

Respectfully submitted,
Michael M. Noga, GIS Representative

Committees

Best Reference Work Committee

The Committee solicited nominations for Best Reference Work from the membership and identified titles from our own collections. Six titles were reviewed this past spring and the Committee selected as the award winner: *Encyclopedia of Earth System Science*, William A. Nierenberg, editor-in-chief. Academic Press, 1992.

I wish to thank our Committee: Peter Brueggemen, John Kawula, Linda Newman and Marilyn Stark.

Respectfully submitted,
Margy Walsh, Chair

Ad Hoc Committee to Review GeoNet-L

Charge: The Committee was charged to review the role and function of GeoNet-L through a process of comparison with other listservers, solicitation of opinions from

the GeoNet-L Editor and from the GIS membership, and examination of the *Listserv Operational Guidelines (5/92)*.

Duties:

(1) Consider the role and function of other listservers, whether or not they are sponsored by a society, and compare them to GeoNet-L. Maps-L, PAMNet, and the Newsletter on Serials Pricing Issues were considered.

a) Maps-L: Johnnie Sutherland, the moderator of Maps-L, was interviewed at the SLA conference in Cincinnati. Here are notes.

How much editing does he do?

He spends about a half hour at work and 45 minutes at home on posting the messages that are sent to Maps-L. If Johnnie thinks that the sender really needs to write the message differently, he asks for clarification. If the sender won't change the text, Johnnie sends out the message as is. He doesn't feel that he should be censoring communication. He did receive one message that had nothing to do with maps, GIS, or libraries, and he did not post it. It had been sent to just about every list server.

Johnnie receives several error messages when subscribers try to send messages to the list server. He spends a lot of time trying to fix them. Some, such as messages from UCSD, have content and he wants to send them out on the list server. He tries to bunch together messages on a single topic, but the editing process on the U of Georgia computer is very time-consuming.

He tries to put in a subject or id on messages, if the sender has left them out, especially if he groups messages on a single topic.

Turnaround time?

Daily posting of messages received at the list server.

Commercial messages?

He asks commercial vendors to have a librarian evaluate their products and then post the ordering information. Otherwise, who knows whether the product or service is worthwhile.

Do nonsubscribers send messages?

Yes, he has received some messages from usenet users.

Future plans?

There is a program that will search the messages on Maps-L. Johnnie sends out the instructions occasionally. He would like to put a FAQ (frequently-asked questions and answers) file, but he hasn't had the time.

Observations:

MAPS-L has about 5-10 messages daily. There have been several interesting discussions. However, some messages do not indicate that the requestor has done much checking beforehand with local sources. The requestor's name and affiliation, if any, should be every message, as part of list server etiquette. These problems have occurred infrequently on GeoNet-L.

b) Newsletter on Serial Pricing Issues.

This is not a list server, but it serves as an electronic

discussion board of sorts. Marcia Tuttle, the editor of the Newsletter, gave a talk at the ALA conference in New Orleans. Here are some notes.

She does not referee the Newsletter. She defines pricing issues broadly. The Newsletter used to be an ALCTS committee newsletter, when it started in 1989. Now it's on a mail server. It contains mostly brief notices that are submitted electronically.

Marcia Tuttle stays away from publisher and vendor bashing, but accepts specific critiques. For example, she published the Princeton letter and discussion before any other library media. (This indicates that she really does referee the Newsletter to some extent).

The Newsletter is available via Bitnet, the internet, and ALAnet. The paper version lasted a short time. There were many subscribers beyond ALCTS, ALA, and the librarians community in general.

Serials-L has been kept separate from the Newsletter.

Problems: She gets errors in addresses when she sends out the Newsletter. Messages that are sent to the server as personal replies cause problems. Also, the Australian network could not handle the transmission of the Newsletter at all.

The Editorial Board of the Newsletter advises her, especially on disclaimer. Tuttle assumes responsibility for errors in the physical processing of the Newsletter.

Observations: Much spirited discussion does get sent through the Newsletter, even though Tuttle says that she avoids vendor bashing.

c) PAMNet

Fran Waranius interviewed Joanne Goode, who is in charge of PAMNet, the list server of the Physics, Astronomy, and Mathematics Division of the Special Libraries Association. Here are her notes.

- Goode does not act as a moderator, nor is any time spent on editing.

- Time is spent in sending new subscribers the abstract the list server and occasionally posting biographies of new members. She spends about 1-2 hours per week on tracking down why mail is not getting through to some subscribers, helping people subscribe and unsubscribe, etc.

- Goode's goals are to update the abstract and guidelines, incorporate them into the message that PAMNet automatically sends out to new subscribers, and do a better job of tracking down causes for returned email messages.

- There have not been any problems with inappropriate subscribers. Some people have subscribed who appear to be trying out different listservers, but they unsubscribe after receiving the abstract or monitoring PAMNet for a while.

- Two members have recently complained about ILL-type requests that were considered "too routine" for PAMNet, but otherwise there are no complaints.

- Observations: PAMNet seems to operate mostly as a

gateway, without much editorial control. The short autobiographies of new subscribers is a nice touch.

(2) Solicit opinions on GeoNet-L from GIS members.

In August 1993, a request for comments was sent out to the GeoNet-L readership. Here are some responses.

General praise:

"GeoNet-L is one of the best things to happen to GIS. I enjoy hearing news all year long from GIS members. I think that we've had some interesting discussions and I have read many things I would have missed if not for the network."

"It has the great advantage of being a cost saver. The weight of the duplicate lists...The cost of the telephone calls."

"The great encourager it has been for people to become internet and communication literate in the modern age. Information can be forwarded to students and researchers as well as library administrators."

"Since the entire population of science librarians in [my state] can go out to lunch and sit a table for 6, I value the contacts that I have with other geology librarians through GeoNet-L. It is nice to get suggestions from other geology librarians (re: new technology, library planning, etc.) and toss out questions to the net for assistance."

"I LOVE the GeoNet. Isolated as I am, off here in the corner of the world, email and especially the GeoNet are critically important for me to be able to keep up. Stuff I like: the duplicates/discards lists, reference questions bounced around, news, job announcements."

"GeoNet-L is one the best things to happen in GIS for years! Information can be shared, questions asked, and problems resolved. Informed librarians sharing information - a great combination. Keep up the good work."

"I have been enjoying the benefits of the GeoNet-L since March, at my own expense, by the way...It is definitely worth having my own Internet access by CERFNET. I find it most useful than any other listserv."

"Geonet brings me all sorts of useful information. I don't know how I would work without it. Please--continue it! And give congratulations to Lois for a job well done."

"I have found GeoNet-L very helpful for the duplicates lists posted in addition to other communications."

Suggestions:

"I would like to know how best to handle the times when I have something that I think may be valuable info for the net, but want another opinion. In other words, I want to say, 'Lois, do you think this is valuable info & should go on? If so go ahead, if not, trash.' Do I sent these things directly to Lois, or to the net with this kind of 'cover note'?"

"Let messages go though and don't censor."

"I wondered why there were so few reference questions asked on GeoNet-L. I get interesting questions from

my patrons every day, some which require creative research. Lois answers the questions sent to the listserver and doesn't post them. This undoubtedly saves time, but the most interesting part of my job is reference, and geoscience reference is anything but dull. Give us a chance out here! GeoNet-L should be a learning and teaching tool for librarians."

"Suggestions: More of everything. More policy stuff ...why don't we see policy/progress reports/activity reports from ...AGI, GSA, etc...How about 'Interesting Stuff from Other Bulletin Boards' "

"My only small complaint is that Lois doesn't show the person sending the message instead of her own name; it looks like she is sending every message; the Maps-L method is better."

"Set a policy that items submitted to *GIS Newsletter* do not get posted on GeoNet-L as a routine matter. I know that this not being done now but I am looking ahead to the need to clarify the mission of GeoNet-L and the newsletter. GIS needs to protect the values of membership and the *GIS Newsletter* is a significant value. If the newsletter items are posted on GeoNet-L, then several people will opt not to join GIS. The policy should also state that the *GIS Newsletter* is the official vehicle to communicate with members since not everyone is on e-mail. GeoNet-L is a communication vehicle for geology libraries in general and not specifically dedicated to GIS; GeoNet-L should not encroach on the *GIS Newsletter* mission."

"Post an electronic GIS membership form on GeoNet-L every year at GIS membership renewal time. This will pull in a few new members from GeoNet-L who are not currently GIS members. It will also reinforce renewal to GIS members on GeoNet-L."

"Guidelines need to be clearer, regarding what should go out and what should not go out."

"Concerned about how GeoNet-L reflects on the Society and the question of continuity."

(3) Committee will interview the GeoNet-L Editor regarding all aspects of this review, which is not intended to evaluate the Editor's performance.

Lois Heiser was interviewed at the end of August 1993. Here are the notes.

What sort of GIS material do you receive for GeoNet-L?

Preliminary meeting announcements. Rarely other GIS messages.

How much editing do you do?

There is not much to edit. One message that was not sent out concerned sending money for a course in another country. The message was sent back for clarification and no response was received.

Bibliographic reference questions which can be answered at IU are not sent out on GeoNet-L. Instead the

requestor receives the answer directly from Lois.

Lois sends out all messages that concern the acquisition of ephemeral materials such as guidebooks. An electronic blurb for a new journal from a commercial publisher would probably not be sent out.

Any comments about the *Listserv Operation Guidelines* (5/92)?

They are specific enough. However, an editorial board might be useful as long as Lois knows what should be forwarded to the board.

Any technical problems with messages submitted to GeoNet-L?

Messages from some institutions consistently cause error messages. Also the IU computer has a problem with messages that include previous GeoNet-L message through a reply function. The editor can deal with these problems though.

What about a backup editor for GeoNet-L?

It hasn't been a problem, because she found a backup for one period. At another time, she sent messages from a portable computer on the road. She could do this through an 800 phone number that IU maintained. [Note: Lois has recently noted that the number was cut to save money at IU.]

It is a fairly easy process to change the GeoNet-L editor temporarily. Lois just has to make sure that the IU computer recognizes someone else's name as the listserv editor.

(4) Committee will evaluate the *Listserv Operational Guidelines* (5/92) for relevance, specificity, and any other appropriate criteria.

Guideline 3 states "The Listserv Editor will arrange for a substitute moderator for those times when the Editor cannot be present to moderate the forum." The Committee recommends the establishment of a three-member committee which would serve two functions: provide a pool of backup editors when Lois cannot moderate the forum, and serve as an advisory panel in case she feels that she needs another opinion about letting a message go through.

The first function is critical now that IU has gotten rid of the 800 phone number that Lois could use when she travelled. The second function is anticipated to be rarely needed based on the Listserv Editor's experience.

Guideline 6 is no longer needed.

The Executive Board should consider the question of how much GeoNet-L reflects GIS. GeoNet-L is not encroaching on the *GIS Newsletter*, because much of the newsletter's contents do not appear on the list server. However, there seems to be an opportunity to promote GIS more on the list server, which could generate new members.

Respectfully submitted:

Michael Noga, Chair; Charlotte Derksen, Patricia Gaspari-Bridges, and Fran Waranius, Committee members.

GEOREF's LIST OF PRIORITY JOURNALS

The GeoRef Users Group Steering Committee has been charged to revise the GeoRef List of Priority Journals. Those journals are indexed with priority, to get the citations in the database as soon as possible. The Committee collected suggestions from GeoNet-L subscribers and then revised the list during the GSA Boston Conference. The revised set of journals is listed below. GeoRef's guidelines for coverage are included at the end of the journals.

Your comments are welcome. Send comments or suggestions, along with your reasons, to:

Marilyn Stark, Chair, GeoRef Users Group Steering Committee

USGS Denver Library

Box 25046, MS 914

Denver, CO 80225-0046

or

mstark@idsun.cr.usgs.gov

Revised List of Priority Journals

* = On Previous Official List from GeoRef

- AAPG Bulletin*
AAPG Memoir*
American Journal of Science*
American Mineralogist*
Annales Geophysicae*
Applied Geochemistry
Boreas
Bulletin de la Societe Geologique de France, Huiteme Serie*
Bulletin of the Association of Engineering Geologists*
Bulletin of the Geological Society of Denmark
Bulletin of the Seismological Society of America
Bulletin of Volcanology*
Bulletins of American Paleontology*
Canadian Journal of Earth Sciences*
The Canadian Mineralogist*
Chemical Geology*
Clays and Clay Minerals*
Computers and Geosciences*
Contributions to Mineralogy and Petrology*
Earth and Planetary Science Letters*
Earth Surface Processes and Landforms*
Economic Geology and the Bulletin of the Society of Economic Geologists*
Engineering Geology*
Environmental Geology and Water Sciences*
Eos, Transactions, American Geophysical Union*
European Journal of Mineralogy*
GSA Abstracts with Programs
Geochimica et Cosmochimica Acta*
Geoderma*
Geological Magazine*
Geological Society of America. Bulletin*
Geological Society of America. Memoir*
Geological Society of America. Special Paper
Geological Society of Canada. Bulletin*
Geological Society of London. Journal
Geologie en Mijnbouw
Geologische Rundschau*
Geologiya Nefti i Gaza
Geology*
Geophysical Journal International*
Geophysical Research Letters*
Geophysics*
Global Biogeochemical Cycles
Ground Water*
International Journal of Coal Geology
International Journal of Rock Mechanics and Mining Sciences
Journal of Foraminiferal Research*
Journal of Geochemical Exploration*
Journal of Geological Education*
Journal of Geology*
Journal of Geophysical Research, B. Solid Earth and Planets*
Journal of Geophysical Research, C. Oceans
Journal of Geophysical Research, E. Planets
Journal of Hydrology*
Journal of Metamorphic Geology*
Journal of Paleontology*
Journal of Petroleum Geology*
Journal of Petrology*
Journal of Sedimentary Research (Beginning January 1994, new name of Journal of Sedimentary Petrology*)
Journal of Structural Geology*
Journal of Volcanology and Geothermal Research*
Lithos*
Marine Geology*
Mathematical Geology*
Meteoritics
Micropaleontology*
Mineralium Deposita*
Mineralogical Magazine*
Nature*
Oil and Gas Journal*
Organic Geochemistry*
Palaeogeography, Palaeoclimatology, Palaeoecology*
Palaeontographica. Abteilung B: Palaeophytologie*

Palaeontology*
Petroleum Geology*
Physics of the Earth and Planetary Interiors*
Photogrammetric Engineering and Remote Sensing
Physics and Chemistry of Minerals
Precambrian Research*
Proceedings of the Ocean Drilling Program
Pure and Applied Geophysics*
Quarterly Journal of Engineering Geology
Quaternary Research*
Remote Sensing of Environment
Reviews of Geophysics
SEPM Special Publication
Science*
Sedimentary Geology*
Sedimentology*
Soil Science*
Soil Science Society of America Journal*
Tectonics*
Tectonophysics*
U.S. Geological Survey. Bulletin*
U.S. Geological Survey. Geologic Quadrangle Map*

U.S. Geological Survey. Open-file Report
U.S. Geological Survey. Professional Paper
Water Resources Research*

Guidelines for GeoRef Coverage--Brief Review

Documents are included that cover original research in geology; including experimental and theoretical research and field studies; history, philosophy, and practice in geology; reference materials; subject reviews and research reports. The following major disciplines are covered: mineralogy, geochemistry, geochronology, extraterrestrial geology, petrology, marine geology, paleontology, stratigraphy, structural geology, seismology, solid-earth geophysics, geophysical surveys, hydrogeology, engineering geology, environmental geology, economic geology and surficial geology.

Serials, books, maps, theses, conference proceedings, and government reports may all be included in GeoRef. More than 3600 journals in more than 30 languages are scanned regularly and articles are selected based on subject. The aim is to be as comprehensive as possible within the subject area of geology.

COMMITTEE NEWS AND REPORTS

Nominating Committee: Call for Nominations

The GIS Nominating Committee is composed of Michael Noga, Margy Walsh, Connie Manson, and Louise Zipp, Chair. The Committee will soon be drawing up a list of candidates for the 1994 election. There will be an earlier election again this year to take advantage of GSA's planning activities for the 1995 meeting that will take place in the Summer of 1994.

A slate for Vice-President/President Elect and Secretary will be nominated during the late Winter, and the election will take place during March and April. Please send your suggestions for either position to any committee member by January 31, 1994. The duties and responsibilities of the two positions are outlined below. If you need more detailed information, please contact Louise Zipp or the incumbent.

Vice-President/President Elect

This is a three year commitment starting after the 1994 Annual Business Meeting. Year 1 is Vice-President; year 2 is President; year 3 is Immediate Past President. During all three years, the incumbent serves on the Executive Board.

The Vice-President serves as program chair for the annual meeting, and this is the major responsibility of this office. The VP serves as chief liaison with GSA in planning the annual meeting, thus integrating GIS's arrangements with those of the GSA Organizing Committee and the GSA staff. GSA has several conference planning dead-

lines that must be met between December and the following annual meeting. The VP, in conjunction with the President, may delegate some aspects of annual meeting planning to a Annual Meeting Program Committee. The VP's specific tasks include:

- (1) Planning the symposium: selecting a theme, securing speakers and organizing the event.
- (2) Planning and/or scheduling GIS events: there are usually 12-15 events including: the technical and poster sessions, workshop(s), forum(s), Annual Business Meeting, two Executive Board meetings, other committee meetings, a fieldtrip, a reception, and other special events/activities.
- (3) Securing reviewers for GIS Symposium abstracts and for the volunteered abstracts and serving as one of the reviewers.
- (4) Serving as the GIS representative to GSA's Joint Technical Program Committee (JTPC) which meets for two days in Boulder in early August and at the end of the GSA meeting itself.
- (5) Keeping officers, appropriate committees and the membership informed about the meeting. This includes writing a Vice-President's Column for each *GIS Newsletter* issue.
- (6) Weeding VP files at the end of term and sending papers to Archives and to the next VP, as appropriate. The VP is busy from December through April, and again in July through early September, although there are deadlines throughout the year. The VP needs to have time and travel and long-distance telephone support, as well as electronic

mail, fax and fast mail (e.g. Fedex).

The President's term begins after the Annual Business Meeting, and the incumbent presides over all remaining annual meeting activities, including the final Executive Board meeting. The first most critical task is to appoint committees, non-elected officers, and representatives. Their charges must be prepared and delivered to them by early January. Also, by January, the President has to deliver an operating budget for the next calendar year to the Executive Board for its approval. The President writes letters of thanks to annual meeting speakers and to others who helped with annual meeting activities. By late Winter, the President has received texts of papers for the next GIS Proceedings. In the Spring, the President edits the papers, in conjunction with the Editorial Assistant, who produces a "camera-ready" manuscript for the Publications Manager to print. Throughout the year, the President serves as advisor to the VP. The President convenes and conducts three Executive Board conference calls throughout the year. The incumbent also establishes the agenda and conducts the first Executive Board meeting and the Annual Business Meeting at the annual meeting. The President also writes a President's Column for each issue of the *GIS Newsletter*. At the end of term, the incumbent weeds Presidential files and send papers to Archives or the next President, as appropriate.

The President needs to have time, and travel and long-distance telephone support, as well as electronic mail, fax and fast mail. Secretarial services, including a laser-printer for correspondence, are highly recommended. The President is busy until committee appointments are made and the Proceedings are printed.

The Immediate Past-President serves as senior advisor on the Executive Board and performs several other important functions. The incumbent writes the annual review article on geoscience information by December 1, for inclusion in a Spring issue of *Geotimes*. The Immediate Past-President writes letter of thanks to outgoing elected and appointed officers and to all committee chairs and representatives. The Immediate Past-President serves on the Nominating Committee, whose work extends from December through May. It is customary for the Immediate Past-President to chair that committee. It is also customary for the incumbent to record minutes for the Executive Board conference calls and to perform other duties as requested by the President.

The Immediate Past-President requires the same types of support as does the President, although the duties require a lesser commitment of time.

Secretary

The Secretary serves a two-year term commencing at the end of the Annual Business Meeting. The incumbent is a member of the Executive Board and handles the routine correspondence and membership activities of the

Society. The first major responsibility involves recording minutes at the second Executive Board meeting at the annual meeting. The incumbent must be willing to make a major continuous time commitment, averaging 5 hours per week. The time period from the annual meeting until the Membership Directory is printed in the Summer is quite busy. The Secretary must have (IBM-based) personal computing skills sufficient to maintain the membership database on a dBaseIII program, make programming changes, as necessary, and produce forms and mailing labels. The Secretary must also be able to use a cassette recorder to record and transcribe minutes at the Annual Business Meeting and the two Executive Board meetings held at the annual meeting. Principle duties include:

- (1) Receiving and managing the Society's correspondence promptly. This includes routing some of the mail to other officers.
- (2) Maintaining a complete and up-to-date record of members and their information.
- (3) Sending out membership renewal forms in the Fall and reminders to non-renewing people in the Spring.
- (4) Compiling the Annual Membership Directory.
- (5) Printing mailing labels for the Newsletter Production Editor and Publications Manager, as needed.
- (6) Preparing an accurate record of Annual Business Meetings and Executive Board meetings. The full record of the former, and summaries of the latter, must be submitted to the *GIS Newsletter* for the December issue after the respective meetings.
- (7) Keeping officers and the membership informed of the status of membership.
- (8) Sending checks to the Treasurer within 2 weeks of receipt.
- (9) Keeping supplies; printing and distributing stationery and envelopes.

The Secretary needs time and personal computing experience, or support, to accomplish the tasks above. Long-distance telephone support, electronic mail, fax, and fast mail (e.g. Fedex) are required. Travel support and access to a laser-printer are also necessary.

National Geophysical Data Center Gopher

The National Geophysical Data Center, a division of the National Oceanic and Atmospheric Administration, is pleased to announce that its Gopher server, gopher.ngdc.noaa.gov is open for business. This gopher will contribute Earth and near-Earth scientific data archives to gopher-space, as well as links to other gophers in the scientific, academic and data repository communities. e-mail comments and questions to gopher@gopher.ngdc.noaa.gov.

Collection Development Issues Committee

Geoscience Monograph Prices, 1992-1993: 1992-1993 geoscience book prices showed the sharpest increase since 1988-89 as the average price of a geoscience book rose to \$94.35, a 12.8% increase over the previous year. Geoscience books published in Great Britain remained stable after a 12.7% increase the previous year. However, prices of European published books rose 13.2% and U.S. published books by 16.8% compared to 1991-92. All pricing data is from the Blackwell North America approval plan.

year	U.S.	U.K.	Europe*	average
1990-91	57.65	87.05	117.46	83.11
1991-92	53.12	98.11	122.99	83.63
1992-93	62.04	98.14	139.17	94.35

*Includes small percentage of material published in Asia

Geoscience book prices for selected fields

	1991-92	1992-93
General geoscience	70.22	93.06
Mineralogy	100.45	104.20
Petrology	101.24	83.16
Geophysics	109.70	92.28
Geochemistry	147.81	123.76
Geomorphology	66.79	104.48
Hydrogeology	79.26	132.36
Paleontology	73.75	68.15
Stratigraphy	113.49	116.58
Structural	154.15	109.88

Respectfully submitted,
Steve Hiller, Chair

Cartographic Users Advisory Council

Below is a list of the 1993 CUAC representatives. Although a few of the reps will be replaced this year, you may still address depository questions and concerns to this group. Also included is each representative's primary agency. The new chairperson is Marsha Selmer of the University of Illinois at Chicago. Any and all mistakes are mine.

-- Melissa Lamont, HBLAD140@uconnvm.uconn.edu

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Census

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Board of Geographic Names
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Joint Committee on Printing
Government Printing Office

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National Ocean Service
Federal Emergency Management Agency

REVIEWS

by
Linda Musser

The June 1993 issue of *Photogrammetric Engineering and Remote Sensing* (v. 59, no. 6, p. 957-959) features an article titled "Rising to the Challenge: The Role of the Information Sciences," by Jack R. Lousma. In discussing the challenges facing those involved in global environmental change research, the author calls on the information science community to become involved in improving the infrastructure for data management as well as archiving and providing access to this data to a broad range of users.

With the September 1993 issue (v. 41, p. 384-387), the *Journal of Geological Education* has kicked off a new column called "Geoflicks Reviewed". The column will review new and older films in the geosciences, examining a particular theme each issue. The theme of the premiere column is plate tectonics; six films are reviewed. The column is edited by Ann Bykerk-Kauffman of Cal. State, Chico.

"Societal Value of Geologic Maps" is a new title in the USGS Circular series (no. 1111). This publication focuses on an economic analysis of geologic mapping and economic issues related to these publications as a public good. Included are a definition, common uses, and production costs for geologic maps.

The *Lunar and Planetary Institute Bulletin*, no. 68 (August, 1993), features GIS member **FRANCES WARANIUS** in an article titled "Frances B. Waranius Retires from LPI." The article describes Frances' career at the LPI and details how the library collection was built.

The Fall 1993 (v. 1, no. 2, p. 67-69) issue of *CD-ROM Today* features an article by Neil Randall titled "The Year of the Dinosaur" which gives an overview of three products about dinosaurs: "Dinosaur Adventure," "Microsoft Dinosaurs," and "Dinosaurs: The Multimedia Encyclopedia".

Recent issues of *CD-ROM Professional* have featured a variety of articles of interest: "Evaluating CD-ROM Software: A Model," by Trevor Richards and Christine Robinson provides a literature review and suggested evaluation form for CD-based products (v. 6, no. 5, p. 92-101). The "CD-ROM in Brief" column has a review of the Digital Chart of the World (v. 6, no. 5, p. 175-177). "End-User Database Aids: How to Create Guides That Get Used," by Diane Worrell, offers tips, dos and don'ts on writing user guides (v. 6, no. 3, p. 82-84). "Compact Disc Media Evaluation--What We Know About Disc Quality," by Mike Martin, discusses the expected longevity and tests of CD media (v. 6, no. 2, p. 74-77).

PUBLICATIONS AND READINGS

"GeoRef: The Bibliography and Index of Geology," by **CHARLOTTE DERKSEN** was published in the University of California Division of Library Automations's *DLA Bulletin*, v. 13, no. 1, Summer 1993, p. 24-27. The article gives syntax and search strategies to search GeoRef on the Stanford or Melvyn systems.

The "Groupe des Cartothecaires de LIBER" [LIBER = Ligue des Bibliothèques Européennes de Recherche], the European map curators group, conducted an "Inquiry into map-use and user-habits in Europe". They received 2,847 questionnaires from 96 institutions in 8 countries. The questionnaire had 21 questions (most with several options to fill in) in several categories: background of user, kind of documents requested, library services (catalogues, reference-library, help of mapcurator), reproduction-facilities.

The final report of that effort, "Report on the 'Inquiry into map-use and user-habits in Europe'" has been published in *ERCL The LIBER Quarterly*, v. 1, 1991, no. 3, p. 283-310. Diagrams, questionnaire and arithmetic results included. Copies are available from Jan Smits, Mapcurator, Royal Library, The Netherlands, j.smits@konbib.nl.

The Press Release and Executive Summary from the Chicago Conference on the Future of Federal Government Information have been posted on several e-mail bulletin boards and the electronic journal, Dupont Circle Reporter. (The full text is too long to repeat here, but if you would like a copy, contact Connie Manson by Feb. 1, 1994.)

"It's an outrage," an editorial in *Eos* (American Geophysical Union Transactions), v. 74, no. 42, Oct. 19, 1993, p. 481, discusses the National Science Foundation's decision to allow the payment of page charges to commercial publishers.

A Manual for International Book and Journal Donations is available from the American Council of Learned Societies.

This guide is designed to help U.S.-based donors place books and journals in appropriate libraries and institutions abroad. It focuses on placement of scholarly materials in the humanities and social sciences, but is applicable to other specialized and general fields.

It offers information for scholarly organizations on how to initiate effective programs to help colleagues in a certain region of the world, and for individuals on how to place a one-time donation, large or small. It also provides an overview of the context in which books are donated in the U.S. and placed in libraries in Africa, Asia, Latin America, and East/Central Europe. Profiles of ten independent non-profit intermediary organizations able to facilitate the placement of such particular and valuable donations, and fifteen donation programs organized by learned societies and federations of professional organizations, are included. A selective, annotated bibliography of resources lists directories of donation programs and useful tax benefit guides for individuals and organizations.

The full text of the 109-page Manual is available via anonymous FTP at BURGUNDY.OAH.INDIANA.EDU [156.56.25.10] in the \PUB\ACLS subdirectory. When accessing the FTP site, login as username "anonymous" and provide your username@site as the password (e.g., "joe@smith.edu").

For a printed copy, contact the office of Janet Greenberg at ACLS, 228 E. 45th Street, New York, NY 10017-3398. Please include a check made out to ACLS Manual for \$10, to offset costs of production, shipping and handling. If payment is a hardship and requester has no access to the FTP site, fee will be waived.

Great Books of Geology

Julia Triplehorn and Don Triplehorn published a list of the classic texts of geology, "Geologists Select the Great Books of Geology," in the *Journal of Geological Education* (v. 41, p. 260-261). The titles selected by geoscience faculty from throughout North America are:

Principles of Geology, Lyell, 1833
Wonderful Life, Gould, 1989
Origin of Species, Darwin, 1859
In Suspect Terrain, McPhee, 1983
Basin and Range, McPhee, 1981

Origins of Continents and Oceans, Wegener, 1912
Illustrations of the Huttonian Theory, Playfair, 1802
Rising from the Plains, McPhee, 1986
Great Geological Controversies, Hallam, 1983
Control of Nature, McPhee, 1989
Principles of Physical Geology, Holmes, 1945
Time's Arrow, Time's Cycle, Gould, 1987
The Evolution of the Igneous Rocks, Bowen, 1928
The Fabric of Geology, Albritton, 1963
The Meaning of Fossils, Rudwick, 1972
The Structure of Scientific Revolutions, Kuhn, 1962
The Voyage of the Beagle, Darwin, 1836
The Birth and Development of the Geological Sciences, Adams, 1954
Exploration of the Colorado River, Powell, 1875
Theory of the Earth with Proofs and Illustrations, Hutton, 1775
The Nature of the Stratigraphic Record, Ager, 1973
De Re Metallica, Agricola, 1556
The Founders of Geology, Geikie, 1897
Giants of Geology, Fenton, 1952
Language of the Earth, Rhodes, 1981
An Ocean of Truth, Menard, 1986
Report on Geology of the Henry Mountains, Gilbert, 1887
Conversations with the Earth, Cloos, 1953
The Dinosaur Heresies, Baaker, 1986
The Great Devonian Controversy, Rudwick, 1985
Ice Ages, Solving the Mystery, Imbrie, 1979
It Began with a Stone, Faul, 1983
Studies on Glaciers, Agassiz, 1840
System of Mineralogy, Dana, 1837
Adventures in Earth History, Cloud, 1970
The Behavior of the Earth, Allegro, 1983
Chaos, Making of a New Science, Gerick, 1987
The Immense Journey, Eiseley, 1957
Principles of Stratigraphy, Grabau, 1913
Prodromos De Solido ..., Steno, 1669
The Road to Jaramillo, Glen, 1982
Sand County Almanac, Leopold, 1949

Upon examining this list, Ian Gordon wondered whether a Librarian's top 42 or so great books of geology would be the same. Ian suggests adding the *Glossary of Geology*, by Bates and Jackson, 1987, and a *Geologic Time Scale*, by Harland and others, 1990. If you have other text, reference, guide, or map books to include for a "desert island" library of say 100 volumes or less, send your ideas to Ian Gordon, at igordon@spartan.ac.brocku.ca

JOB ANNOUNCEMENTS

DIRECTOR OF SCIENCE LIBRARIES AND INFORMATION SERVICES, Yale University, New Haven, CT

The Yale Library seeks an imaginative leader in a time of transformation and change to develop and manage the libraries and information services that support teaching and research in the sciences.

Responsibilities: The Director of Science Libraries and Information Services is primarily responsible for providing collections and other information resources and services to Yale's science and engineering community of faculty, students, and research staff. The Director of the Science Libraries and Information Services must be committed to supporting the many scientists who continue to depend heavily on print and on related library services. Moreover, at a time when new information technologies and services are transforming the nature of teaching and research in the sciences, the Director must aggressively pursue opportunities involving the use of technologies to connect scientists with needed information in other forms and at other places. The Director will maintain and develop close collaborative relationships with Yale scientists and the Yale science departments and will work closely with the Director of the Medical Library, the Library Systems Office, and other colleagues within the Library, as well as with the Yale academic computing staff. The Director will also develop and maintain partnerships with other libraries, such as the current joint collection development effort among the science libraries of Harvard, MIT, and Yale, and with other organizations, such as scholarly association publishers.

The Director of Science Libraries and Information Services leads the staff of the science libraries in the overall administration of the science libraries and in the development and maintenance of dynamic and responsive information services. The duties encompass the functions of personnel management and staff development, budget administration, collection and resource development, facilities planning, technical processing, and education and research services, including document delivery, interlibrary loan, bibliographic instruction, reference, and on-line searching. The Director defines and articulates departmental goals and objectives and provides leadership in configuring effective library and information services in the future.

The Director of the Science Libraries and Information Services contributes to the effective planning and management of library wide operations through various activities as appropriate, including participation in the Library's Policy Advisory and Communication Council. The Director reports to the Associate University Librarian whose responsibilities include the sciences, social sciences, and systems. The director is expected to remain current with scientific research, methodology and scholarship and to

participate actively in professional organizations in librarianship or information science.

Qualifications: MLS from an ALA-accredited library school. Advanced graduate work in science is desirable. Five years of professional experience with demonstrated administrative experience and achievement in an academic or research library. Excellent grasp of information needs of scientists and of the application of information technologies, including an awareness of current developments and trends. Excellent analytical skills. Excellent oral and written communication skills. Effective organizational skills. Creative and dynamic leadership potential. Demonstrated ability to work well independently and with others in a rapidly changing and demanding environment.

Rank and Salary: Based upon the successful candidate's qualifications and experience. Full benefits package including 22 vacation days; 17 holiday, recess and personal days; comprehensive health care; TIAA/CREF or Yale retirement plan; and relocation assistance.

Application: Applications received by November 30, 1993 will be given first consideration; applications will be accepted until the position is filled. Please submit a letter of application, resume and the names of three references to Diane Y. Turner, Director, Library Personnel Services, P.O. Box 208240, New Haven, CT 06520-8240. Yale University is an equal opportunity/affirmative action employer.

ASSISTANT DOCUMENTS AND MAPS LIBRARIAN, Bailey/Howe Library, University of Vermont, Burlington, VT

Entry level or early career, Library Instructor rank. Under direction of Head of Documents and Maps, develops cartographic resources, coordinates activities of Map Room including technical processing, and promotes use of cartographic information. As part of a team provides reference and instructional services for U.S., Canadian, and U.N. documents; legal resources; and maps. Participates in library's and department's collection management activities. Performs other duties as required.

Required qualifications: ALA accredited MLS or interational equivalent. Commitment to high quality public service. Ability and desire to develop an expertise in cartographic resources including Geographic Information Systems. Possess effective written and oral communication skills. Ability to work in a demanding and rapidly changing environment. Familiarity with CD-ROM and microcomputer applications.

Preferred qualifications: Experience or course work related to U.S. documents or maps. Academic background in geography or earth science.

Minimum salary \$24,000 depending on qualifications.

Anticipated starting date June 1, 1994. Librarians at the University of Vermont (UVM) have non-tenure track faculty status. Excellent fringe benefits include TIAA/CREF (or alternative plans), 22 days of annual leave, and tuition remission for 15 credit hours per year. Review of applications will begin upon receipt and continue until an appointment is made. Applications received prior to February 15, 1994 will receive first consideration. Members of search committee will conduct preliminary interviews at ALA Midwinter (Los Angeles). **The Library encourages applications from minorities, women, and disabled persons.** Submit a letter of application; resume; the names of three references, with addresses and telephone numbers (and/or placement file); and graduate library school transcripts to: Chair, Documents & Maps Search Committee, Bailey/Howe Library, University of Vermont, Burlington, VT 05405-0036. UVM IS AN EO/AA EMPLOYER

REFERENCE LIBRARIAN & BIBLIOGRAPHER,
Donald O. Rod Library, University of Northern Iowa,
Cedar Falls, IA

General reference and library instruction duties. Collection Management responsibilities in natural sciences.

Required: ALA-accredited MLS or international equivalent degree; evidence of strong written and oral communications skills; experience in using computer-based reference resources; record of strong commitment to public service; bachelor's degree or graduate degree in one or more of the natural sciences; either a second graduate degree or at least two years of relevant professional library experience.

Preferred: Degree or substantial course work in biological or environmental sciences; strong interest in and knowledge of microcomputer applications in a networked environment; reference experience.

Salary: \$ 27,000 - \$ 30,000 range, with comprehensive benefits including TIAA/CREF. Rank commensurate with credentials and experience. Full-time, tenure-track position available on or about May 1, 1994.

UNI is a comprehensive university with an enrollment of 13,000. The Cedar Falls/Waterloo metropolitan area of 125,000 offers a high quality of life and a low cost of living. The Donald O. Rod Library's collections include 738,000 volumes, 560,000+ microforms, and 450,000+ documents. There are 57 library faculty and staff [FTE] assisted by 25 students [FTE]. An Innovative Interfaces integrated library system was implemented in 1989. A 4th-floor addition to the library is under construction.

Review of applications will begin upon receipt and continue until an appointment is made. Applications received by February 6 will be given first consideration. Send letter of application, resume, and names, addresses, and telephone numbers of three professional references to:

Professor Larry Kieffer, Chair, Reference Librarian & Bibliographer Screening Committee, Donald O. Rod Library, University of Northern Iowa, Cedar Falls, IA 50613-3675.

The University of Northern Iowa is an equal opportunity educator and employer with a comprehensive plan for Affirmative Action.

ANNOUNCEMENTS

BARBARA CHAPPELL resigned as Chief of the USGS Library System several months ago. She is presently in Geneva, Switzerland, where her husband is assigned. She has written USGS Library staff that she and her husband will return to the U.S. in February, her husband will retire, and they will move to Austin, Texas. **EDWARD LISZEWSKI** is Acting Chief of the USGS Library System. Many of you met him in Boston at GSA.

Award for meritorious service

CONNIE MANSON was presented with an award for meritorious service at the GIS Annual Luncheon Awards Ceremony in Boston, October 16, 1993. The decision to make an award was made by the Executive Board last Spring, but it was decided to do so as a surprise to Connie. Immediate Past President Louise Zipp made the following comments as the award was presented:

"Early last Spring, after the 4th edition of the *Directory of Geoscience Libraries* was sent to the printer, I sent Connie and her committee a thank-you letter. Later I spoke with Connie and told her to kick back and enjoy a well-earned break from her "extra" GIS activities. Her response should not have surprised me--Connie came back with a plan for marketing the Directory, and she volunteered her time to do it.

Subsequently, she mailed flyers, that she designed, to participating libraries and to Canadian library organizations. She prepared and placed ads in *Geotimes* and the *AEG Newsletter*. She provided *Professional Geologist* and *GSA Today* with copy that ran in their respective June and August issues--at no charge to GIS.

With the 92nd issue of the newsletter, published in 1985, Connie became Production Editor. Through format, content, postal and production changes, she has donated two weekends every other month to produce and mail the newsletter. The June 1993 issue, no. 142, marks her 50th issue, and we join her in celebration of a job well done.

GIS is not the only group to recognize Connie's gifts to the geoscience community. Last Spring, the Northwest Geological Society presented her with their award of appreciation. Connie, for all you have done for GIS, we are happy to present you with this award for meritorious service."

GEOLOGY LIBRARY PROFILES:

The SGU Library
by
Independencia Iselidh
Geological Survey of Sweden
Library

The Geological Survey of Sweden (SGU) was founded in 1858 and the library was founded at the same time. Later the library became well known through the Royal Library Accession Catalogue. Since its founding, the library has had exchange programs with the different institutions in Sweden, as well as in other countries. It is through this program that the library has now the largest collection in Sweden, in the field of Geoscience. SGU is also the main producer of geological information in Sweden. SGU produces not only maps, but also a great deal of geoscience literature. Today, the exchange program of the library has approximately 350 addresses from other countries. The majority of the library holdings are accessible through the national library database: LIBRIS.

We give special services like searching information through online sources: GeoRegister, Tinlib, Libris, Dialog, etc.

GeoRegister is an open bibliographic database produced by the Geological Survey of Sweden. It contains over 14000 records on published and unpublished documents concerning Swedish geology.

The library is still in the process of automating. Tinlib is our local integrated library system. Information Management & Engineering Ltd. (IME) in London is the producer of this product. We have the MS/DOS version. We are working with the catalogue at the moment.

Geology Library
The University of Queensland
Queensland, Australia
by
Margaret Eva

The Dorothy Hill Geology Library had its beginnings in the books, periodicals and reprints collected by Henry Caselli Richards, first Professor of Geology at the University of Queensland, who was appointed in 1911. The Library remained a Departmental responsibility until the 1950s when it was taken over, and staffed, by the University Library. There has always been a very close relationship between department and library.

All materials are ordered and processed centrally, although we are responsible for selection and typing of orders, and for local accessioning; we also do most of the endprocessing of maps. Inter-library loans from outside

Brisbane are handled by Central Library ILL, and photocopying of outward ILL is carried out by Central Library staff.

The most important influence on the development of the collection (and its custodians!) has been Emeritus Professor Dorothy Hill, after whom it is named. She has been actively involved since the 1920s, and her gifts are so many that specially designed donation plates are used. Prof Hill's wisdom, humour, knowledge and financial support have helped the development of the collection to a standard which is thought to be unmatched at least in Australian academic libraries and which bears comparison with the best of those overseas. Her main field of research is fossil corals (she is the author of the Treatise on invertebrate paleontology, part F, supplement 1: Rugosa and Tabulata, 2 v., 1981) but her many publications bear witness to wide-ranging geological interests, including mapping. She no longer comes to the Library, but I see her every week.

The Library is housed on the second level of the Richards Building. It originally shared space with the Departmental office, and has grown in both directions until it is now confined by lecture rooms at both ends. There are proposals for the library to extend over the whole of the floor, but no firm plans. We are very short of space for collections, users and staff and need to send over a thousand volumes to off-site storage every year.

The Department (now called Earth Sciences) is quite small by American standards. There are 18 teaching staff and about 45 postgraduate students who come from Jordan, Canada, Germany, Iran, Indonesia, the Philippines, Korea, China and the U.S.A as well as other Australian states.

The main strength of the collection is in periodicals; there are around 1000 current titles, of which about one third (and rising) are paid subscriptions. Almost all of these are for overseas titles, so we are affected by publishers' price increases and also by the weakening of the Australian dollar. I understand that a drop of 1.5 cents in the \$A can cost the University Library as a whole about \$80,000. We had a cancellation project in 1987, and will probably have another next year (1994); in 1993 to save the periodicals we took a cut in book funds of nearly 50%.

The collection includes over 12,000 monographs, 22,000 odd bound periodical volumes, 30,000 map sheets and a number of microfiche, audiotapes, floppy disks and CD-ROMs.

There is a staff of two - a Senior Librarian in charge and a library assistant (currently two half-time job sharers); opening hours are therefore minimal - 9-5 Monday, Wednesday - Friday, 9-8 Tuesday (in semester).

Except for the summer, when the temperature is over

30 degrees for a substantial part of the time, conditions are very pleasant. There are 20 ceiling fans, so sometimes it is a bit like being in a fan forced oven; it has been known for vital memos to be blown into a nearby waste paper basket. We mostly escape the megrims common to air conditioned buildings, and when it is cold we just wear more clothes.

Geology can be seen as a traditional subject, and certainly I see no diminution of the usefulness of the traditional library materials - periodicals, books, reports, paper maps. However we have embraced other information sources with enthusiasm; we have GeoRef on CD-ROM, which actually indexes our collection. We also had Earth sciences from OCLC, but cancelled when the transfer to SilverPlatter took so long. Together with the online catalogue, GeoRef makes access so much more effective that a very substantial proportion of our users' needs can be satisfied in house. ILL requests for items from other libraries have declined slightly in the last two years (since we started using GeoRef), i.e. 1990: 46 requests; 1991: 43 requests; 1992: 38 requests. In 1992 we supplied 600 loans or photocopies to other libraries, including 6 overseas. We almost never used GeoRef online, because of the cost (we have substantial telecommunications costs from here, as well as database charges).

We have other digital files on CD-ROM and hard disc, such as the Geophysics of North America, the discs from the Deep Sea Drilling Project and its successor the Ocean Drilling Program, the Digital chart of the world, GEOROM and the Global relief data disc from the National Geophysical Data Center. There is great scope for map related information in digital form and I expect the library to be involved despite the initial outlay on hardware (particularly for output). So far we have only one public workstation for all these titles.

We read with interest and envy about the U.S. depository libraries, as we have nothing in Australia like that. We still receive much valuable material on gift or exchange

One of the joys of specialising is the interaction with colleagues. The field of geoscience information is not large, even world-wide, and I greatly enjoyed the Geoscience Information Society even before e-mail and the GeoNet put us in daily contact. With the support of the Library and the Earth Sciences Department I have been able to attend three GeoInfo conferences, in Golden, Adelaide and Ottawa.

When the position of Geology Librarian was advertised internally in 1978, the job description did not even mention maps. There was a modest collection of about 10,000 sheets which has trebled in 14 years. Growth of the Geology Library map collection has been largely dependent on free maps although we are fortunate in at least having a budget allocation for maps - many do not. We are widely known to have a supportive and sympathet-

ic administration and are regarded as one of the few viable academic map libraries in Australia. A major acquisition was several thousand maps received from the QU Department of Geographical Sciences when they closed their map room at the beginning of 1991. The cataloguing of these maps was supported as a Special Project and is almost complete

We have always been concerned by the lack of adequate means to recycle our duplicates; the GeoNet is proving very useful for this, in both directions.

Our long term concerns include the deterioration of this valuable collection and the lack of resources to conserve it adequately. In this sub-tropical climate conditions for books and maps are less than ideal. We also lack security. However, working conditions have improved greatly with the addition of a room for map processing, and new furniture in our work area including a circulation-reference desk. We look forward to serving the earth science community well into next century.

DUPLICATE GUIDE BOOKS AVAILABLE

These duplicate geologic field trip area guidebooks available from the University of Oklahoma Geology Library. Request copies from Claren Kidd at ua2431@uokmvsa or ckidd@geoed.gcn.uoknor.edu. If the postage (library rate) is more than \$5.00, reimbursement would be appreciated.

- AAPG Annual Convention
 - 1953 March. Houston, Jointly with SEPM & SEG - Oil fields geology.
 - 1955 March. Appalachian Geology-Pittsburgh to New York (Pittsburgh Geological Society)
 - 1982 CSPG Trip #1 Depositional environments of the McMurray Formation oil sands, . . .
- Alaska Geological Society. 1957. Oil and gas fields in the Cook Inlet Basin, Alaska
- Alberta Society of Petroleum Geologists. 1955. Jasper National Park
- Appalachian Geological Society.
 - October 1957. Blackwater Falls State Park (jointly with Pittsburgh Geological Society). (2 copies)
 - April 1970. Silurian Stratigraphy Central Appalachian Basin.
- Arkansas Geological Commission
 - 1967 Central Arkansas Economic Geology and Petrology.
 - 1973 A guidebook to the geology of the Ouachita Mountains, AK
 - 1975 Contributions to the geology of the Arkansas Ozarks.
- Canada. Department of Mines. 1913.
 - Guidebook #1 Excursion in eastern Quebec and the

- Maritime Provinces. Part 1
 Guidebook #3 Excursions in the neighbourhood of
 Montreal & Ottawa
- Four Corners Geological Society.
 1955 Geology of parts of Paradox, Black Mesa and San
 Juan Basins.
 1955 (one chapter reprinted from Four Corners Geologi-
 cal Society Field trip, 14 p.) Geology of the Mexican
 Hat Oil Field San Juan County Utah.
- Geological Society of America. Annual Meeting
 1956 Trips # 1-3
 1978 Toronto T78.
 1981 v. 2 Economic geology, structure
 v. 3 geomorphology, hydrogeology, geoarcheology,
 engineering geology
 1985 no. 2 Plesitocene & Holocene carbonate environ-
 ments on San Salvador Island.
- Geological Society of America. South Central Section.
 Annual Meeting
 1969 Pleistocene geology of Doniphan County, Kansas.
 1970 Claiborne outcrops in the Brazos Valley, southeast
 Texas (3 c)
- Houston Geological society.
 1962. Geology of the Gulf Coast & Central Texas.
- Indiana Geologic Field Conference.
 3 1949 Silurian formations and reef structures of
 northern Indiana
 4 1950 Stratigraphy along the Mississippian-Pennsyl-
 vanian unconformity of western Indiana.
- Intermountain Geologists Association.
 15th 1967 Anatomy of the western phosphate field.
- International Geological Congress
 16th 1933 Washington.
 6 Excursion A-6 Oklahoma and Texas
 14 Excursion C-1 Ore Deposits of the southwest
 17 Excursion C-1 The Salt Lake Region
 27 Excursion C-4 Lake Superior Region
 29 Stratigraphic nomenclature in the United States
 18th 1950 London Part VII Symposium and proceed-
 ings of Section F The geology,paragenesis and
 reserves of the ores of lead & zinc
 24th 1972 Montreal
 B-01 Petrology and structure of the Morin Anortho-
 site.
 28th 1989 Washington
 T-359 Tectonostratigraphic terranes in the n. Appal-
 achians
 T-362 Marble, granite and slate industries of Vermont
- Mountain Association of Geologists.
 1982. Oil and Gas fields of Colorado, Nebraska and
 adjacent areas.
- New Orleans Geological Society
 1962 February field trip to Peninsula of Yucatan
 1982 June. Coastal geology of Mississippi, Alabama &
 adjacent Louisiana areas
- New York Geological Society
 1962 32nd Hamilton College
 1961 33rd Troy
 1964 34th Port Jervis
 1965 35th south-central New York
 1964 36th Syracuse University
 1965 37th Schenectady area
 1966 38th Geology of western New York
 1967 39th New Paltz
 1968 40th Queens
 1969 41st Plattsburgh
 1970 42nd Cortland
 1971 43rd Geological studies of the northwest Adiron-
 dacks region
 1972 44th Hamilton & Utica
 1973 45th SUNY Brockport & Monroe Community
 College
 1974 46th Geology of western New York State
 1975 47th Hofstra University
 1976 48th Vasser
 1977 49th Oneonta
- Petroleum Exploration Society of New York
 1976 3rd Stratigraphy of the Atlantic Coastal Plain in
 Delaware
- Pittsburgh Geological Society
 1963 Tectonics & Cambrian-Ordovician stratigraphy
 central Appalachians of Pennsylvania.(with the
 Appalachian G. S.Rocky
- SEPM. Eastern Section.
 1969 Coastal environments NE Massachusetts & New
 Hampshire
- SEPM. Pacific Section
 1981 (Book 15) The Monterey Formation & related
 siliceous rocks of California. (2 copies)
- Shreveport Geological Society. Annual field trip
 17th 1949 Cretaceous of Austin, Texas area
 18th 1951 Paleozoic rocks of northwest Arkansas.
- Tulsa Geological Society.
 1973 The Big Lime: Southern margin of the Oologah
 Limestone banks
- Utah Geological Society. Guidebook to the Geology of
 Utah.
 1948 #3 Geology of the Utah-Colorado Salt dome
 region . . .
- West Texas Geological Society.
 1951. Spring Pennsylvanian of Brazos River & Color-
 ado River valleys, north central Texas
- Wyoming Geological Association
 1979 Symposium. Wyoming Oil and Gas Fields Great-
 er Green River Basin. (2 copies) in 2 volumes, each
 volume in a ring binder

SEATTLE MEETING NOTES

Here's your chance to VOTE for the Seattle meeting field trip. Please phone, fax, snail, or e-mail your comments to Connie Manson.

	Very high			Very low	
	1	2	3	4	5
What is the likelihood you'll attend the Seattle meeting?	1	2	3	4	5
What day of the week is best for the field trip?	1	2	3	4	5
prior Saturday	1	2	3	4	5
prior Sunday	1	2	3	4	5
Wednesday	1	2	3	4	5
Thursday	1	2	3	4	5
following Friday	1	2	3	4	5
Where would you like to go?					
Mt. Rainier (2 hrs each way)	1	2	3	4	5
Mt. St. Helens (4 hrs each way)	1	2	3	4	5
Seattle area	1	2	3	4	5
earthquake hazards	1	2	3	4	5
underground tour	1	2	3	4	5
Microbrew/winery tour	1	2	3	4	5
Other:					

Seattle Factoids: Welcome to Latteland

Seattle. Home to Boeing, Microsoft, Nordstrom, the Huskies the Sonics, and in 1994, the Geological Society of America Annual Meeting. In these pre-meeting issues, we'll give you fun facts and important information about Pugetropolis, so that by the time you get here next October you'll feel like a native. The first thing to know is how to order Seattle's native drink: espresso.

Espresso is everywhere in Seattle. Here street carts don't dispense hot dogs, pretzels or other incorrect food--they serve the brew that is true. Downtown, there's an espresso cart on every street corner, at every building entrance. There are stands in cafeterias, movie houses, and toy stores. It's sold in dry cleaners, insurance agencies, grocery stores, book stores, at sporting events, and even at gas stations (where fill 'er up has a very different meaning). There are even drive-up espresso stands. It's everywhere. Remember, this an addictive drug, so demand is elastic.

But there are lots of choices. Sure there's the old standard (if you really *need* to stand out as a tourist): just "a latte." But learn the lingo, be adventurous, and try the other delights as well:

Espresso: the basis of all the rest, a few precious ounces, made on the spot by forcing a little boiling water through a lot of freshly, finely ground coffee. Drink it as is, it'll take the top of your head off. And you'll talk fast all day.

Americano: a shot of espresso with hot water (probably the best "plain" cup of coffee you'll ever have).

If you're not lactose intolerant, then there are the milk-based espresso drinks that will leave you purring:

Latte (LA-tay): a shot of espresso, with steamed milk and a thin layer of milky foam. The most common espresso drink; Seattle's Drink of Choice.

Cappuccino: like a Latte, but with more foam and less milk (have it the Italian way, sprinkled with a little cocoa)

Mocha: the best of espresso, with steamed milk and chocolate (either powder or syrup) topped with whipped cream.

Macchiato: plain espresso with a lid of foam.

You can add flavors (vanilla, almond and others). Decaf is also available.

But don't just order "a latte"-- be specific. The choices are: **Short** (standard amount of steamed milk), **Tall** (another helping of steamed milk), **Single** (one shot of espresso), **Double** (two shots of espresso), **Skinny** (non-fat milk; most places use 2% milk as standard)

So, mark yourself as a native by ordering a Double Tall Skinny, an Iced Double Americano, or a Single Short, with an inch of foam. Order a Double Decaf (like the Prez, at NAFTA), or a No-Fun (decaf, with non-fat milk, also known as a Why Bother, or in Olympia, as a Zip). Or celebrate with a Thunder Thighs: a mocha, with extra whipped cream.

GLACIAL DRIFTER

The following duplicates are available on a first-come, first-served basis. Please send your complete mailing address. Only weird and wonderful postage stamps will be accepted in exchange. You may preview the publications through ftp.

ftp ftp.hair.net; login anonymous; cd junk
get whatsthis.list

Bessarabian Geological Survey. Bulletin, Series X, pt. 5, vol. III, folio 7.5, plate 10, figure 3, sect. 1 (5 copies)

Hoyle, Nigel, "When Will the Next Meteorite Hit, and How to Deal With It," Breached Garden Press, 1992

Field Trip Guidebook, Friends of Echinoderms Spring 1989 Snorkel Trip 7, "Secret Location"

Friends of Strong Motion Accelerograms. "The Strong Motion Accelerogram Coloring Book," 1984 (crayons not included)

The Cosmic Bibliography on CD-ROM, Mid-June 1990 update

Atlas of Minor, Dull Minerals that You Don't Want to Know About, 1976 (mint condition)

"What We Did with Our Grant Money," Univ. of Tennessee, Rocky Top, Dept. of Economic Geology, Technical Report 67-5

"Hot Plays in Hotspots: The Kuwait-Iraq Border, Gulf of Tonkin, and Qinghai- Xizang," Serendipity Consultants, Inc., 1991

"I've Seen It All Before: Memoirs of a Geologist," AAPG, 1989

"We Did That 30 Years Ago: Further Memoirs of a Geologist," AAPG, 1992

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