



EMS

NEWSLETTER

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Insert: GIS Guidelines for Guidebooks!

PRESIDENT'S COLUMN

Denver was on its best behavior for the Geoscience Information Meeting this year. Despite our dread that might be cold, or dreary, or snowy, it was more like a Colorado Spring for the entire time we were there. In some respects it was harder to stay indoors for our meetings ... but they were so good that few members got to enjoy the great outdoors. I was able to sneak away for part of an afternoon to look at a few Native American Arts shops and bring home a few little friends.

Our program "Communication Divides" had fourteen speakers, and five poster sessions. You have already seen the abstracts in the last newsletter, so I will only say that the talks were interesting, surprising, enlightening, enriching, amusing, and serious. I was surprised that two of our speakers turned out were undergraduate students, both of whom had interesting perspectives on their topics. One spoke of a recent research activity, the other spoke (I think) about the need to reintroduce excitement into the educational process. From a personal perspective, I was educated about the three Western Mineral Resources archives, and enchanted by the life of George F. Kunz. The POSTER sessions were rewarding and attracted a great deal of attention from meeting participants. I am looking forward to seeing these in our Proceedings as well as the standard papers.

As I have not heard of anyone "keeling over", the GIS luncheon went well. We were fortunate to have in attendance the awardees for the Best Guidebook and the Mary B. Ansari Best Reference Work. (Dr. Barbara Butterfield, the recipient of the Best Paper Award, was unable to attend due to an emergency appendectomy ... so we forgave her.) We were treated to some very special reminiscences by Dr. Rhodes Fairchild as he recounted the work that went into his first encyclopedia volume.

I wish to extend special thanks to Michael Noga, who willingly filled in as leader of the Collection Issues Forum for the ailing Steve Hiller, and to Elaine Clement, who filled in as leader of the Preservation Forum for Linda Musser and Lisa Wishard. We do look forward to seeing these missing friends next year in RENO. Adonna Fleming put together an outstanding panel on e-journals/e-texts. The changes in the "publishing world" are coming so swiftly; we can barely keep abreast of them. I am certain her report (to be published in the Proceedings volume) will interest all of us.

All of our activities appear to be proceeding calmly and competently. April Love and the Exhibits Committee had an exciting booth display. April, as our new treasurer, will be turning the committee chairmanship over to Sally Scott, and I hope to find some of you willing to serve on that committee for the next few years. In addition, there will be members needed for other committees, so I will be in contact with you about our needs. If there is a committee you really want to work with please let me know.

It has been a pleasure working with Charlotte Derksen as she led us through this past year with so many interesting, though occasionally troubling, events. Connie Manson, in her 'gray beard' role as Past President brought perspective to our deliberations in her usual cheerful fashion. I'm happy to know that they will continue to lead the organization-- Charlotte as Past President and Connie in her position as Newsletter Editor-- and help me through the coming year. Sharon Tahirkheli, Vice President, will be starting to work on plans for RENO 2000 and will be seeking your input.

I would like to thank all of the GIS committee members, but especially those who tend to have "titles" but work behind the scenes: Mary Frances Lembo, Newsletter Editor; Miriam Sheaves, Literature Review Editor; Elizabeth Wallace, Publications Manager; Jim O'Donnell, Web Meister; and Carolyn Laffoon, Geonet-L Moderator.

My last activity before heading back to Limestone County was a breakfast with the GSA Executives and representatives of the Affiliated Societies. We discussed closer ties among the organizations, and our continuation as working partners in the geoscience community.

Lois Heiser
GIS President

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The GIS Newsletter is published bi-monthly in February, April, June, August, October, and December by the Geoscience Information Society. Subscription to the Newsletter is \$40 per year and is included in the Society's annual membership dues. All correspondence regarding dues, membership status, and address changes should be directed to the GIS Secretary.

GIS members are encouraged to contribute materials for publication. Due to current vacancies, all materials—research articles, technical reports, information reports, officer and committee reports, publication notices, job announcements, and other news items—should be sent to the Newsletter editor until further notice.

Material for the February 1999 issue of the GIS Newsletter should be received no later than 21 January 1999. If possible, please send materials by e-mail or on IBM-compatible disc (Word'97 or ASCII format).

VICE PRESIDENT'S COLUMN

It's not too soon to start making plans for RENO! The 2000 GEOSCIENCE INFORMATION SOCIETY annual conference will meet in Reno, Nevada. GSA's theme is SUMMIT 2000 with summit emphasizing the role of the GSA annual meeting as the largest gathering of earth scientists, the year 2000 as the beginning of the next millennium, and the location of the meeting near the summit of the western ranges. We are asked to look forward toward the future (from the summit) while pondering how the past has shaped the present. Proposals are invited for sessions that explore the multidisciplinary nature of the subdisciplines of the Earth Sciences; communicate developments in research and education using new technologies and the World Wide Web; and promote the importance of Earth Science and Society.

Several members have suggested that our program focus on the extensive changes that technology and the World Wide Web have had and will continue to have on the geoscience community and on the dissemination of information. Geographic Information Systems, copyright, electronic documents, and public/patron education/awareness are just a few of the possible topics. If you have ideas for a paper or a speaker, let me know (SNT@AGIWEB.ORG).

Our options for the coming year include a Pardee Keynote symposium, a topical session, forums, oral and poster sessions. This year there is an option for a combined oral/poster session held in a technical session room. Any suggestions regarding types of sessions are welcome. My deadline for submitting proposals to GSA is January 10, so ideas need to reach me right away.

Important dates: July 25, 2000 - paper abstract submissions are due; August 1 - electronic abstracts are due. Meeting dates: November 13 - 16.

Field trip: The WAML meeting will meet in Reno during the week preceding the GIS meeting. We plan to take advantage of this wonderful opportunity for a joint field trip. The field trip would be on Saturday, November 11 and would tour the Donner Pass. Linda Newman has graciously undertaken the arrangements for the field trip and we hope that the early date for the trip will give more of the members a chance to participate.

Sharon Tahirkheli
GIS Vice President

GIS Executive Board Meeting October 24, 1999 Denver, Colorado

Attending: Blair, Clement, DeFelice, Derksen (presiding), Dvorzak, Goodman, Haner, Hardy, Heiser, Laffoon, La Russa, Love, Manson, McGarry, McLeod, O'Donnell, Pausch, S. Scott, Sorensen, Tahirkheli, Wallace.

I. MINUTES

Derksen called the meeting to order at 9:05 AM. The minutes of the previous Board meeting, published in the December 1998 Newsletter, were approved.

II. ANNOUNCEMENTS

Heiser reported that all programs are going as planned and reminded all committee chairs hosting sessions to circulate sign-in sheets. Derksen asked the officers, representatives, and committee chairs present to confine their remarks to changes/updates to their published annual reports.

III. OFFICERS

Treasurer. Goodman distributed the October 1999 budget report. She recapped the recurrent problems involving attempts to deposit foreign bank checks. Wallace explained that magnetic encoding strips must be present on checks to expedite the transfer of funds. Haner observed that there are banks that specialize in transfer services. Goodman wondered whether rewording our payment instructions for membership dues and publication orders might help. The problem involving the unauthorized closing of our CD by Bank of America and the transfer of the funds into the Ansari savings account remains unresolved. The bank has been dragging its feet for months; Goodman will continue to pursue the matter. She distributed an income/expense statement for the Directory of Geoscience Libraries from 1991 to the present. The Directory has been a substantial money-maker for the Society. Lastly, she distributed a draft budget for year 2000. Concern was expressed about the fact that our annual expenditures regularly exceed our income by a few thousand dollars.

Secretary. Hardy distributed a tabulation of membership statistics from 1990 to the present. He pointed out that, while this year's non-renewals and resignations were offset by new memberships, we have had a net loss of members in seven of the past nine years. An online version of the Society's membership directory was launched in September; O'Donnell was thanked for his assistance. The response so far has been positive, but a substantial number of members have not yet granted permission

to be listed. Hardy asked for ideas on how to boost participation. O'Donnell suggested changing the policy next year, to automatically include everyone unless they specifically indicate otherwise.

Vice-President/President-Elect. Heiser reiterated that the program schedule is going smoothly.

Past President. Manson had no changes to report.

IV. COMMITTEES

Archives Committee. Pausch reported that work on the archives is ongoing and requested that documentation such as committee correspondence be deposited. She outlined the policy on transfer of two-year old records to the archives and asked for assistance in identifying individuals in old photographs in the collection. Heiser suggested the photos be placed on the web site for ID purposes.

Best Paper Award. Sorensen reported that the awardee is expected at the GIS Luncheon.

Best Reference Work (Mary B. Ansari) Award. In Joni Lerud's absence, Derksen reported that the winners will be at the Luncheon.

Exhibits. Love reported that the GIS exhibit was displayed at this June's SLA meeting in Minneapolis and felt it provided valuable visibility for the Society. She asked for contributions of display materials and for volunteers for the GSA exhibit; our booth is equipped with a computer and T1 line. We will be using a paid "booth sitter" during the Annual Business Meeting this year, to enable the Exhibits Chair to participate more fully in the conference.

GeoRef Users' Group Steering Committee. Blair announced that S. Tahirkheli will be featured at this year's meeting, to give a status report on GeoRef. Also, proposed changes to the priority journals list will be presented and voted on. Derksen pointed out that the annual report of the GIS representative to the GeoRef Advisory Committee (S. Larsen) was mistakenly published under the GIS committee section of the October Newsletter.

Guidebook Standards. A sample of the new Guidebook Standards was circulated. C. Kidd will bring a quantity for the booth. Sorensen suggested they be distributed to AESE members. O'Donnell will post the new standards on the Web page; Haner suggested that thumbnails of past Best Guidebook Award winners be added.

Membership. DeFelice distributed samples of the new membership brochure and invited input. The

committee plans to discuss membership recruitment strategies. O'Donnell raised some question concerning "sponsored members": Are sponsored memberships awarded only one time or are they renewable? In the latter case, who decides which will be renewed, if funds are limited? From subsequent discussion, it was unclear whether such parameters have ever been formalized. Heiser stated she would speak with C. Kidd about clarifying the wording of sponsored memberships (and their relation to the International Fellowship program).

Preservation. Clement reported that neither L. Wishard nor L. Musser could attend this year, but that the Preservation Forum is set for this afternoon.

Union List of Geologic Field Trip Guidebooks. McGarry asked for any comments on, or problems encountered in searching, the online database.

Web Site Advisory Committee / Webmaster. O'Donnell has moved the Preservation Committee web pages to the AGI server, as part of an effort to centralize information; other committee web sites are welcome there too. In some cases, retaining local control for editing purposes may be desirable. Heiser stated that if web pages are centralized, a mechanism for timely updating is essential.

Ad Hoc Committee on Career Information. Haner distributed a draft of the new brochure on careers in geoscience information and invited comments. Several suggestions were offered for additional content. The final version will be posted on the GIS web site.

Ad Hoc NSF-Education Task Force. DeFelice gave a summary of the DLESE (Digital Library for Earth Systems Education) project; a preliminary report appeared in the August Newsletter. She is seeking input from other committees and the membership on planning for this project, which should be of interest to geoscience information specialists, prior to the next task force meeting in December. NSF is looking for proposals for specific projects. Blair underscored NSF's interest in involving librarians, commenting that she recently attended an NSF meeting on funding of the Digital Gazetteer in which librarian input was recognized as important.

V. APPOINTEES AND REPRESENTATIVES

GEONET-L Moderator. Laffoon reported a recent complaint about the number of duplicates lists being posted. The consensus was that these lists are not overly frequent and that subscribers can easily filter them; they are a valuable part of the listserv and should definitely be retained. The Membership

Committee was asked to send out a recruitment announcement periodically (e.g. every 6 months), to encourage the many "lurkers" on GEONET-L to become members.

Editor. Derksen invited anyone interested in the soon-to-be-vacant position to contact her as soon as possible. A decision on filling it will be made this week. A new reviews editor is also needed.

Publications Manager. Wallace gave a summary of recent sales and reported only a few glitches in the distribution of the new Proceedings and Membership Directory. She noted the presence of outdated information about GIS on the AGI web site, but has had difficulty in getting AGI to make corrections; she and O'Donnell will pursue the matter.

Publicity Officer. La Russa reported that press releases were prepared for print distribution and posting on the web; she has been "pushing" the Digital Data Forum this year. Derksen and O'Donnell suggested that next year, a major publicity push be given the GeoRef Users' Group, to be coordinated with Blair.

AGI Environmental Geoscience Advisory Committee. DeFelice asked for ideas from GIS for the Committee's "Environmental Awareness Series" (posters, booklets, bookmarks, etc.). Derksen encouraged members to keep local community colleges in mind, as recipients for such materials.

AGI Member Society Council. Haner reported that there will be a change in format for the October meeting, in response to a survey of members societies. Break-out sessions will be used for the first time; the discussion topics will be electronic publishing and intersociety relationships. She will give a report at the Business Meeting.

AGI Government Affairs Program / GIS Public Affairs Committee. Dvorzak presented highlights of the September GAP Advisory Committee meeting in Alexandria, VA. The National Geoscience Data Repository System (NGDRS) has abandoned Stapleton Airport as a potential site; Dvorzak expressed concern that preservation efforts may be losing momentum. She has alerted GAP to the NTIS situation. Other societies were concerned as well and intend to write letters, as does AGI. ACRL and AIP have already prepared summaries. The Kansas evolution controversy was discussed, but no concrete direction was adopted. GAP intends to address more foreign policy issues in the future, given the considerable foreign membership in many member societies. An arranged meeting with Chip Groat, new

director of USGS, allowed Dvorzak the opportunity to emphasize to him the national importance of the Survey library, to which he seemed receptive. Finally, AGI's prepared statement on global change was discussed, but GIS has declined to endorse this, as we do not have the necessary expertise. Dvorzak will prepare a full report for the Newsletter.

Cartographic Users Advisory Council. McLeod referred the Board to the extensive CUAC report published in the October Newsletter. She observed that the depository status of electronic-only USGS publications was a key issue of concern. Derksen asked if there is any way to discourage the Survey from changing its publication web sites so often. Tahirkheli noted that fifty USGS publication URLs have changed in the past month alone. Blair replied that the Survey is working on solutions. Dvorzak stated that distribution remains a problem: regional depositories have not been getting all publications. McLeod concurred. Blair announced that she will give a status report on the restructuring of the USGS publications program at the Annual Business Meeting, but cautioned that things are in a state of flux. Tahirkheli stated that everything "officially" published does get into the USGS publications database on the web. Discussion of specific series followed. Heiser and Dvorzak remarked that a "fact sheet" or similar official USGS communication on ceased series is badly needed. Blair replied that even the Survey libraries have difficulty keeping things straight and that everyone is waiting to see what decisions are reached in January. Derksen asked that CUAC and our AGI representatives work on getting clarification from the Survey; Heiser will draft a letter to Chip Groat on behalf of GIS urging likewise.

Western Association of Map Librarians. Derksen observed that the USGS was a major focus of the past week's meeting. Compliments were offered to the Denver library for a fine reception.

VI. OLD BUSINESS

Pardee Symposia. Heiser and Derksen reported briefly on their experiences in reviewing proposed topics for this year's Pardee Symposia. This was the first time that GIS has been asked to participate in the selection process.

Logo Contest. Manson circulated the entries submitted for the GIS logo contest. She will present them for consideration by the membership at the Annual Business Meeting.

VII. NEW BUSINESS

Proposed Amendment Regarding Audit Requirements. Goodman proposed an amendment to the By-Laws, citing a disparity between current auditing practice and the requirement of Article III, Section 1.4. Specifically, the By-Laws require the Treasurer to arrange for an audit of the fiscal records each January for the previous fiscal year, but Goodman observed that it is often not possible to close the books in time (waiting for checks to clear, etc.). She moved that the requirement be amended to read "by March 31 for the previous fiscal year." Heiser seconded the motion. Haner asked if any IRS reporting requirements needed to be considered (apparently not). Pausch moved that the proposed amendment be introduced at the Annual Business Meeting; Manson seconded and the motion was carried. O'Donnell observed that the By-Laws require a 30-day advance written notification for proposed amendments, but that this may be overridden by consent of a majority of those present at the Meeting. A motion to waive the requirement will need to be passed before the proposed amendment is introduced.

Update on USGS Publications. As discussed earlier, Blair volunteered to brief the membership on the current status of USGS publication series at the Business Meeting.

Electronic Publishing. Derksen summarized the Society's e-publishing ventures to date. The Membership Directory is now on the web and the Executive Board has approved a beta-test of a digital version of the 1998 Proceedings in collaboration with AGI. The test is closed-access and for evaluation of technological aspects only, not economic modeling. We will consider charging a per-paper access fee if/when the project goes "live." Pausch questioned the impact on the future of the print publication. No termination of the print format was foreseen. Manson observed that GSA is considering similar questions regarding *Geology* and the *GSA Bulletin*. She suggested we continue the print mode, provide electronic abstracts free, and charge a pay-per-view (on the order of \$5) for full-text articles. O'Donnell expressed concern about the potential loss of revenue from standing orders. Wallace replied that we currently have 33 standing orders plus sales to vendors, generating approximately \$1,500 per year. Most people present did not feel there would be a serious financial risk.

Directory of Geoscience Libraries. Manson observed that the last edition of the Directory was published in 1997; it is time to begin thinking about a new edition, as preparation takes about one year. Should it be

print, electronic, or both? The substantially lower sales of the 1997 edition compared to 1993 (less than one-third) were discussed; Manson pointed out that there had been a long gap prior to the 1993 publication. O'Donnell moved that an ad hoc committee be created to investigate the feasibility and desirability of a new edition, including consideration of format and pricing; Pausch seconded and the motion was carried.

GIS Sponsorship of "Meeting Fellowship." Derksen presented a proposal that GIS institute a "professional development fellowship/stipend/grant to assist one newer member per year in coming the annual meeting." The initiative would be intended to broaden the number of members participating in the activities of the Society and to make it possible for members with little or no conference support to attend the annual meeting. Suggested guidelines were distributed. Considerable discussion ensued about the affordability of the program and the proposed amount and source of award monies. Sorensen suggested that the award amount cover the recipients' conference registration fees. O'Donnell suggested that the Bristol Fund be used to finance the program and that donations be solicited. An ad hoc committee will be set up to study the proposal further.

Proposed Changes in Term of Office. Derksen presented a proposal to change the term of office for President, Vice-President, and Secretary to run from December 1 through November 30, instead of from one GSA meeting to the next. She cited the difficulty of splitting responsibilities between outgoing and incoming officeholders in the midst of the annual meeting, and concerns over ambiguity in responsibility for post-meeting duties. Scott pointed out that all positions are actually transitional: new officers need to begin planning before their terms officially commence and still have responsibilities to fulfill after their terms formally expire. The consensus of those present was strongly against changing the present arrangement and Derksen withdrew the proposal.

Future Exhibits. The question of future exhibit venues (e.g., ALA) for the GIS booth was briefly discussed. Rather than establishing any specific conference schedule, the Executive Board opted to make decisions on participation on an ad hoc basis.

The meeting was adjourned at 12:25 PM.

Respectfully submitted,
Shaun J. Hardy, Secretary

GIS Annual Business Meeting
October 28, 1999
Denver, Colorado

I. MINUTES

The meeting was called to order at 2:00 PM by President Charlotte Derksen, with 41 members in attendance. The minutes of the last Business Meeting, published in the December 1998 Newsletter, were approved.

II. INTRODUCTIONS

Derksen introduced our new officers for 1999-2000: Sharon Tahirkheli (Vice-President/President-Elect) and April Love (Treasurer). The theme for next year's annual GSA meeting in Reno, NV will be "Summit 2000." GIS is planning a joint field trip with WAML; Linda Newman is in charge of local arrangements. Individual introductions went around the room and first-time attendees were welcomed. Several position vacancies were announced.

III. OFFICERS

[Annual reports have been published in the Newsletter. Updates/announcements were made as follows.]

Secretary. Hardy gave a brief status report on membership. Membership stands at 223, including 11 sponsored members. He reminded members to check their entries in the new web-based Membership Directory and to report any corrections; any members who have not yet elected to be listed online were encouraged to notify him. He noted the receipt of donations from 19 members this year, and acknowledged the support of four sustaining members.

Treasurer. Goodman distributed copies of the 1999 budget report.

President. Derksen asked all present to sign get-well cards for absent members Beverly Chen and Steve Hiller.

IV. COMMITTEES

[Annual reports have been published in the Newsletter. Updates/announcements were made as follows.]

Digital Data. Fleming reminded everyone that the Digital Data Forum, featuring a panel discussion and demonstrations of electronic journals and books, is set for tomorrow.

Exhibits. Love thanked all contributors to the GIS booth, in particular Sally Scott, and called for additional sign-ups to staff this year's exhibit. A new exhibits chair is needed; volunteers were invited.

Guidebook Standards. Kidd announced that the new Standards are now on the web and that copies are available at the GIS booth. Ideas for distribution were solicited.

Membership. DeFelice reported that the new membership brochure is currently under revision and asked for suggested improvements.

Preservation. Pausch referred members to the sample letter published in the October Newsletter, as a model for writing to preservation officers/administrators to urge the preservation of geoscience materials.

Web Site Advisory Committee / Webmaster. O'Donnell reported that the GIS web site is being revamped. A hotlist of members' library URLs is being added.

Ad Hoc Committee on Career Information. Haner distributed a draft of the new brochure on careers in geoscience information. Changes suggested at the Executive Board meeting have been incorporated; other suggestions were invited.

Ad Hoc NSF-Education Task Force. DeFelice reported briefly on the work of the steering committee for DLESE (Digital Library for Earth Systems Education). A brochure describing the initiative was distributed. The group will meet again in December and DeFelice asked for member input on project ideas.

V. APPOINTEES AND REPRESENTATIVES

[Annual reports have been published in the Newsletter. Updates/announcements were made as follows.]

Publications Manager. Wallace reported minor problems with the mailing of the Proceedings and Membership Directory; any members who had not received them were asked to contact her.

AGI Government Affairs Program / GIS Public Affairs Committee. Dvorzak reported various developments since the published annual report; a written summary will appear in the Newsletter. No progress has been made on the National Geoscience Data Repository System. The NTIS crisis is under close scrutiny, as is the Kansas evolution situation. For the former, Derksen will write a position letter on behalf of GIS; AGI is considering how best to advance discussion in the latter. Dvorzak called attention to a letter in Geotimes by new USGS director Chip Groat.

AGI Member Society Council. Haner reported attending a breakout session on electronic publishing at yesterday's Council meeting; a summary will be prepared for the Newsletter.

Cartographic Users Advisory Council. McLeod referred members to the October Newsletter for a detailed report of the May meeting, sponsored by the USGS. She explained the various organizations that participated; CUAC provides a forum for discussion with federal agencies that produce cartographic materials. Several issues identified by GIS members were brought to the meeting: the instability of USGS publication URLs; problems in getting digital data sets that are not considered "depository items" out to libraries and the public; the decline in USGS paper map series. Other topics included the proposed withdrawal of the USGS from retail map sales. McLeod reported that a CUAC web site is forthcoming; a listserv is already functioning. GIS members' concerns were solicited for future CUAC discussions. McLeod asked people to review the specific questions from GPO that appeared in the Newsletter and to send her comments.

Western Association of Map Librarians. Blair stated that she was not able to attend the meeting, but that comments from others indicated that all went well.

VI. OLD BUSINESS

Pardee Symposia / Annual Meeting Program. Heiser reported that she and Derksen participated in the selection process for this year's Pardee Symposia. She stated that this year's GIS programs are going well and noted the inclusion of student presentations.

GSA Publications Committee. Manson commented briefly on her experiences as the first GIS representative invited to the GSA Publications Committee. She observed that the librarians' perspective was genuinely appreciated and valued.

Logo Contest. Manson presented the submissions in the new logo contest; she pointed out that some did not fulfill the requirements for reproducibility set forth in the design guidelines. The most popular entry consisted of concentric quarter-arcs, spaced to suggest the interior layers of the Earth. O'Donnell moved that this design be adopted as our new logo; Newman seconded. Extensive discussion followed. Some members found the graphic too abstract; others liked the symbolism. The potential use of color versus black-and-white rendering was debated, along with suitability for letterhead and web pages, but was finally separated from the discussion of whether or not to accept the design. Hadden raised the important question of whether or not this design was already in

use, stating that it looked familiar. M. Scott volunteered to do a trademark search to investigate. The vote was taken and the motion to accept the new logo (i.e. the graphic together with the text "Geoscience Information Society", but not necessarily any particular type font) was passed, with four members voting "no" and two abstaining. To address the trademark question, O'Donnell moved that if the new logo were found to be in violation of an existing trademark, the old logo would be reinstated. Pausch seconded the motion, which was carried. O'Donnell offered to help Manson with the selection of type font and in distributing the finished version in digital form to everyone who needs it. GSA and AGI will also need to be notified of the change.

VII. NEW BUSINESS

Update on USGS Publications. Blair acknowledged that considerable confusion currently exists in regard to USGS publication series, but reported that the problem is being worked on. Some series have in fact disappeared, without ever having being "officially" terminated. She gave a quick run-down of ceased and active series as of this date, cautioning that further changes are possible between now and January. Some highlights follow. The USGS Year Book, Water Supply Papers, Digital Orthophotoquads, paper Preliminary Determination of Epicenters, paper Bulletins, and several map series have ceased; other map series will be treated as "print on demand" only. A huge number of Open-File Reports (~20,000) have been retired and will no longer be available for sale from Open-File Services; the Denver library will serve as a resource center for the full set. Professional Papers and Circulars will be published in both print and electronic formats; Bulletins will be issued only electronically and will be limited to intermediate length works. Blair will prepare a summary for the Newsletter. She added that USGS online publications are being moved to three servers with stable web addresses, to hopefully resolve the problem of constantly shifting URLs.

Amendment to By-Laws Regarding Audit Requirements. Goodman indicated her intention to introduce a motion to amend a procedural point in the By-Laws regarding the annual audit. Per the provisions of Article XII, Section 2, O'Donnell moved that the 30-day advance notice requirement for voting on an amendment be waived. Pausch seconded and the motion was carried. Goodman then proposed the following amendment to Article III, Section 1.4:

From: "The treasurer shall be a voting member of the Executive Board and shall have custody of all funds

of the Society, make disbursements, pay all bills promptly, keep the financial records in good condition, prepare a detailed financial report to present at the Annual Business Meeting, and arrange for the financial records to be audited each January for the previous year...

To: "...arrange for the financial records to be audited by March 31st for the previous year..."

Goodman cited as justification the fact that it is not always possible to close the books by December 31, as the Treasurer usually needs to wait for checks to clear, etc. The practice has been to send the records to the auditor during February or March, so the proposed amendment would bring the By-Laws into compliance with actual practice.

The question was raised as to when the proposed change would take effect. Pausch proposed a friendly amendment to make the change effective immediately; it was seconded by Heiser and passed. Voting on the audit amendment then took place and passed by the required two-thirds majority; one member opposed and four abstained.

Electronic Publishing. Derksen recapped the Society's experiences with electronic publishing to date: our Membership Directory is now on the web and our most recent Proceedings will soon be placed on AGI's server in a closed-access beta test for technology evaluation. She acknowledged that concerns over the financial aspects exist, and that the pricing model for full-text access will be considered carefully at a later point.

Directory of Geoscience Libraries. Derksen announced that the Executive Board intends to create an ad hoc committee to explore the feasibility and appropriate format(s) of a new edition of the Directory of Geoscience Libraries.

GIS Professional Development Award. Derksen distributed a proposal that GIS "institute the Ruth Bristol Professional Development Fellowship/Stipend/Grant to assist one newer member per year in coming to the annual meeting." She cited, as motivation for the proposal, concern about the future vitality of the Society and ways to involve newer member in the activities of the annual meeting. Numerous questions were raised: How large an award is envisioned? What specific expenses would be covered? Would a certain percentage of support, based on need, be offered? Zipp expressed concern about the potential diversion of funds from international fellowship activities; Kidd wondered whether international fellowship

applicants/recipients could also apply for conference registration support from the Bristol fellowship. O'Donnell observed that it is in the Society's best interest to encourage renewing members; Yocum agreed, but felt that the two programs (GIS International Fellowships and Professional Development Fellowships) should be distinct. She and O'Donnell recommended that the new program be called the Professional Development Award to more clearly differentiate it. Zipp urged the Board to consider broader efforts to support development initiatives and to fundraise in a more consistent fashion. Derksen introduced a motion from the Executive Board to proceed by creating an ad hoc committee to develop guidelines for the new Award; a vote was taken and the motion passed, with one abstention.

Sponsored Memberships. Derksen asked for clarification on the duration of sponsored memberships: Are they renewable or one-time only? Kidd outlined the parameters of the program and McGarry confirmed that sponsorships were originally intended for only one year. Yocum suggested that this year's sponsored members be sent a letter inviting them to re-join as regular members next year; Hardy will draft the letter. Dirlam asked if individuals might be eligible to re-apply for sponsorship in subsequent years, if funds permit. Pausch suggested that the International Initiatives Committee prepare written guidelines for the program and Kidd agreed.

VIII. ANNOUNCEMENTS

Derksen announced that space is still available on Thursday's field trip to Boulder. Newman extended an official welcome to all to Reno for the 2000 GIS meeting and recommended that people arrange their accommodations early.

The meeting was adjourned at 4:30 PM.

Respectfully submitted,

Shaun J. Hardy
Secretary



Final GIS Executive Board Meeting - Highlights
October 27, 1999
Denver, Colorado

Attending: Derksen, Hardy, Heiser (presiding), Love, Manson, Tahirkheli, Wallace.

The Executive Board took the following actions at its final meeting on October 27, 1999:

- appointed Connie Manson as new Newsletter Editor
- directed Manson to distribute digital copy of the new GIS logo to officers, representatives, and committee chairs, pending the results of a trademarks search to rule out potential conflicts
- set the duration of Sponsored Memberships at one year and requested the International Initiatives Committee prepare a notice regarding application guidelines
- confirmed the Board's intention to prepare a position letter regarding the proposed NTIS closing
- appointed Sally Scott as new chair of the Exhibits Committee
- established an "Ad Hoc Committee on the Directory of Geoscience Libraries," to investigate publication of a 6th edition of the Directory, its format, and its relationship to the Society's economic status
- established an "Ad Hoc Committee on Instruction/Information Literacy" and invited the committee to develop proposals
- set the monetary amount of the proposed GIS Professional Development Award equal to the cost of full conference registration and established an ad hoc committee to refine the guidelines distributed at the Business Meeting
- authorized a "Best Geoscience Preservation Project Award" and charged the Preservation Committee with establishing selection criteria
- discussed the possibility of a GIS-sponsored preservation session/presentation at the annual meeting of the American Association of State Geologists
- discussed the vacant position of Reviews Editor
- approved minor revisions to the draft budget for 2000 and reported that a ten-year analysis of expenses and income is in preparation by the Treasurer
- tapped the International Initiatives Committee to begin planning for the 7th International Conference on Geoscience Information
- granted the new Editor permission to redesign the layout of the Newsletter

- discussed follow-up contacts for newcomers to the annual meeting

Detailed minutes of the meeting are available to interested members on request from the Secretary.

Shaun J. Hardy
Secretary

AGI Member Society Meeting. Monday October 25, 1999, Denver Colorado

This meeting took on a unique format with no reports from AGI staff in order to allow time for breakout sessions on two topics: *Electronic Publishing* coordinated by Fred Spilhaus and *Cooperation between Societies* led by Chris Keene.

David Stephenson, President of AGI made an announcement of the first AGI "Legendary Geoscientist Award" which was presented to J. David Love for his work on the Grand Tetons and throughout Wyoming. This award included a glass sculpture in the shape of the Grand Tetons and a monetary award. These awards are to recognize people who have made outstanding contributions to the earth sciences while they are still living.

Treasurer's Report. Royalty revenues, AGI's primary source of income, were up 9.2% and accounted for 31% of the total revenue base. Ninety percent of AGI's royalties are derived from the GeoRef database. The CD-ROM version of GeoRef is the biggest component of royalty revenues. Growth has continued for the past 10 years and 1999 could be a record year. Earth Science Week has been strongly subsidized by AGI and has contributed to a negative bottom line for mid year. It is hoped that this will be offset by stock growth, greater GAP contributions by societies, and outside support. Over the last ten years AGI has reduced non-supported program expenditure, improved administrative efficiencies and has strengthened its overall financial position.

Friends of Mineralogy was accepted as the 35th Member of AGI. This is a mixed group of amateurs and professionals who work in museums, and is responsible for the publication of the Mineral Index for the USA. This is published for 42 states and will become more accessible via AGI.

Julie Jackson made a presentation on Earth Sciences Week that was strongly supported by the USGS and was recognized by 32 State Governments.

There were also active programs in Canada, Australia and Tasmania. Web access has had a major impact and allows active participation by schools and the general public. In the year 2000 the Co-Chairs will be AAPG's Ray Thompson representing AGI's Member Societies and Research System's David Stearn. In 1999 the corporate support of Research Systems Software Company allowed the development of effective images, graphics and outreach programs developing a firm infrastructure for the future.

Jan F. van Sant made a presentation for the AGI Foundation, which consists of over 60 trustees interested in funding activities in the geosciences. It began with a goal to raise 2 million dollars to support the geosciences. It has currently raised over 2,300,000 dollars and hopes to be 600,000 dollars over the target when the drive is completed.

Special Topics were presented by Charles Groat on *Future Vision - U.S. Geological Survey* and Roger Bybee on *Implementing New Science Standards*. Charles "Chip" Groat's *Future Vision* emphasized that the role of USGS's scientific endeavors will be directed towards service to the community and putting information in the hands of the people when it is needed. The emphasis will be on communication to a broad audience and rapid response in real time not geologic time. The organization will respond by being flexible and developing partnerships with universities and many geological societies. Partnerships are considered critical and will be developed where the critical mass of people are located leading to an increased role for the regions. The emphasis will be to conduct effective science across disciplines with no barriers within the organization. There will be an aggressive movement to emphasize the role of the USGS to Congress and developing an integrated program providing quality and credibility for the geosciences with growth in geohazards, environmental issues and their impact on human health.

There will be a three "I's" approach to USGS activities. An "I" for Integrated Science with an earth systems approach to problem solving. An "I" for Information with bureau communications being adapted to the computer age through the Web or whatever is the most appropriate format. The last "I" is for International as the earth systems are not bound by national boundaries and the USGS must transcend these barriers through effective infrastructure, technology, resources and expertise.

Roger Bybee has been at the National Research Council for the past four years working to develop and implement national standards in the scientific disciplines. The Earth Sciences standard has just been adopted and is now a separate standalone standard like chemistry and physics. He emphasized

that this is critical for the recognition of the discipline and ensures that teaching standards are met and we have recognized materials and input into teaching curriculum. These influence state and local standards and the overall inquiry and nature of the science. Without national recognition plans for implementing Earth Systems Digital Libraries are weakened. Recently he has returned to Denver area to work for Biological Science Curriculum Studies (BSCS). Part of his talk emphasized how to deal with extreme fundamental groups who raise conflicts about Evolution and Big Bang Theories. This is proving to be critical in states like Kansas. He urged people to become actively aware of the makeup of their school boards as these groups are well organized and will not yield.

The two break out sessions lasted about 45 minutes. In the electronic publishing session some of the early discussion revolved around "What is a journal after we have gone through the present period of transition?" It was agreed that critical for everyone is the *Scientific Credibility* of the publication. This is a reflection of the editorial board, the scientific material and standards of the publication. Peer review remains a critical process although reviewing ancillary data was an unenviable task. Linking data and archiving it were recognized as being formidable problems without standards being in place and universally recognized. Here however it was conceded that locking this in too early becomes a problem for the future and for archiving. The actual front-end presentation of electronic publications also becomes an expensive area for societies as they must be user friendly and well designed. Again, dataset integrity and protection are both an opportunity and an archiving nightmare. At the present time, the societies are still working with various business models, the roles of the aggregators, dealing with consortia, and to link to other projects such as ISI's Web of Science. Also costs, revenue generation, and society member's expectations are all critical factors to be considered when the prestige and scientific knowledge must be distributed and transferred for future generations.

Discussions for the topic of *Cooperation between Societies* revolved around cooperation and overlapping of activities so that duplication does not occur and efforts can be better utilized. The interchange of ideas is paramount and the Government Affairs Program was a forum in which joint efforts have proved to be very worthwhile and highly praised. It was thought that AGI could be a catalyst for a Joint Online Calendar integrating conferences, deadlines and meeting activities. It was felt that a careful review was essential of K-12 activities so that a comprehensive, cooperative program could be presented or at least one with

effective critical links operating smoothly and seamlessly to the general user. It was proposed that time be found for joint meetings of publishers and editors. It was noted that other groups have meetings of Executive Directors such as the Council of Engineering Societies where policy issues could be developed and discussed in a neutral forum. In the future it was suggested that earth science lectures could be promoted jointly allowing for better coordination and greater visibility for the earth science community and a greater understanding of earth processes by the general public.

The meeting adjourned with the overall consensus that the breakout sessions had been a success and should be continued. The next meeting of the AGI Council will be in New Orleans in conjunction with the AAPG on Monday, 17 April 2000.

In conclusion, I would like to thank all Committee Chairs and Executive Officers who have provided me with information for the past four years for writing the GIS Activities which are an integral part of the program which is distributed to all Member Society Council Representatives and Executive Directors. I have truly enjoyed representing the Society at the AGI Member Society Council Meetings and have made many friends there. Our society is small but we are a group, which fills a special niche in serving geoscientists and the public at all levels. I am passing this responsibility on to Charlotte Derksen who will be representing the Society at future meetings.

Respectively submitted: Barbara E. Haner

Report of the Ad Hoc Committee on Education Initiatives

During the past year we have been sharing earth science information web sites on a local level with faculty and students at OSU, as well as with others who send us e-mail inquiries. Mary Scott has been serving on an ad hoc committee to prepare a new career brochure for geoscience information specialists. This will replace the old GIS publication, which is out-of-date. Reggie Brown has been appointed to an advisory group to assist Barbara DeFelice in her role as a participant in an NSF/NASA funded project to develop an action plan for a digital library supporting earth science education.

Reggie Brown
Mary Scott

Preservation Activities at June 1999 American Library Association Annual Meeting Louise S. Zipp November 14, 1999

As usual, there were more preservation-related programs at this conference than one person could attend. I attended four meetings that were either focused on preservation or featured preservation as an aspect of the whole. No great break-throughs were recorded.

The Association of College & Research Libraries' (ACRL) Science & Technology Section (STS) Publisher-Vendor Relations Discussion Group met on June 26 on the topic of "Aggregation & Integration: Meeting the Needs of Libraries". Andrea Keyhani of OCLC spoke about their Electronic Collection Online (ECO) to which libraries subscribe on a title-by-title basis. OCLC has agreed to create a permanent archive and guarantees libraries perpetual access to the journal volumes to which the libraries subscribe. Carol MacAdam of JSTOR said that 117 journals would be archived by the end of 1999. New subject areas include medicine, ecology and botany. Phase 1 enhancements include geology and history of science. In 2000, the next cluster to be added will be general science.

Also on June 26, the Association for Library Collections & Technical Services' (ALCTS) Preservation and Reformatting Section (PARS) session on "Selection for Preservation in the Digital Age" took place. Janet Gertz, Preservation Officer at Columbia, stated that there now exists a hybrid approach--where digitization and traditional preservation activities can be applied to the same item. She distinguished between criteria for selection for the two types of processes: Physical condition should (continue to) determine which traditional preservation techniques are used on an item, which must be of enduring value. Cost is a factor, as are the options available for remediation. Selection for digital preservation is done to improve access and is based on user demand. It requires the legal right to copy and disseminate the items, as well as a technical infrastructure to capture, manipulate and display the information. Digitization is appropriate for materials being currently and actively used; she questioned whether digitization is appropriate for low-use materials. You must have the technical infrastructure to do the work without damaging the originals. She questioned whether digital conversion could add value to material and still maintain its authenticity. She listed several effects of digitization on preservation efforts: digitization can better satisfy (some) clients and it changes the scope of what preservation efforts can be done. It forces

refinements of traditional techniques. If originals are damaged (e.g., through disbinding), a trade-off has to be made. Digitization may bring in more resources, but it consumes them, especially absorbing managerial attention. It can divert attention, as well, from preservation to access. And of course, it means there is now more to preserve. Gertz stated that it is critical to develop strategic plans and priorities. She mentioned activities at the National Agricultural Library, Columbia and two libraries at Yale.

The second speaker was Carla Montowi, Preservation Officer at Michigan, who described systematic methods there and compared them to the Making of America model. The final speaker was Elizabeth Roderick of the Library of Virginia. She mentioned that it was important in a project to have early successes to stimulate interest and keep funds coming in. She said you cannot fully predict the nature of the users. She urged project managers to do a cost-benefit analysis for the project, but to expect the results to vary over time. At the Library of Virginia, they do not digitize anything that has not been preservation microfilmed, instead, they do both actions in sequence.

On June 27, PARS presented "Mass deacidification in the digital age". A representative of the Yale Libraries Preservation Department discussed a mass deacidification project, using the BookKeeper technique. (He noted that Michigan, Maryland, Notre Dame, NYPL, Johns Hopkins, and Michigan State were also doing mass deacidification projects.) Overall he stated that mass acidification was not a very effective preservation technique because it did not add value through increased access. A controversy erupted among the audience, which proceeded to criticize the Yale project and its premises. The quality of discourse degenerated, and I left the session before it ended.

ALCTS Presidential Program was held on June 28, and its theme was "Collections, access and preservation in our digital future". The first panelist, Kate Nevins, represented SOLINET, and she spoke about "Networking in the digital future: She noted that the issue of preservation or archiving digital materials is yet unresolved. She sees this issue as the single largest obstacle to moving toward electronic library collections. She noted that technologies obsolesce over time, and that information must be refreshed to be usable. As lessors of information, libraries face intellectual property barriers. She cited the economics of preservation as another problem. Data are fragile, and their upkeep must be done proactively, not reactively. She said that library consortia and publishers must be players in preservation. The third panelist, Pat Schroeder, now a representative for publishers, also came back to preservation and archiving issues as crucial. She

urged parties to talk more productively and avoid "divide and conquer" pitfalls.

Digital Library for Earth System Education Update

The goal of the Digital Library for Earth System Education (DLESE) is to provide earth science educators with geoscience information resources, connections to resources, and software tools to use those resources. The planning for the project has been funded by NSF and NASA.

The project's Web site is: <http://www.dlese.org/>

Comments are welcome on the revised reports from the "Portal to the Future" workshop in August, which are linked to this site. A planning meeting of the Steering Committee (Barbara DeFelice is a member of the Steering Committee) for the Digital Library for Earth System Education (DLESE) is scheduled for December 8-10 in Boulder, Colorado, at which time the organizational structure will be developed, and committees established to cover aspects of the project from collections to copyright. The committees or working groups will develop proposals for funding the various aspects of the larger project.

Currently, those involved in the project are writing scenarios of possible uses of the DLESE, including uses from a librarian's perspective.

If you are interested in contributing ideas about possible uses, or have comments or questions about the DLESE project, please contact Barbara DeFelice, barbara.defelice@dartmouth.edu.



MEMBER NEWS - December 1999

Compiled by Shaun Hardy
hardy@dtm.ciw.edu

We welcome two new members to GIS this month: Rita Dockery and Andrea Twiss-Brooks. Their contact information appears below, along with several corrections/updates to the Membership Directory. Please remember to report any changes to the Secretary.

Rita Dockery
Librarian
Wagner Free Institute of Science
1700 W. Montgomery Ave.
Philadelphia PA 19121
phone: 215-763-6529 ext.12
fax: 215-763-1299
e-mail: wgninst@hslc.org

Andrea Twiss-Brooks
Bibliographer for Chemical and Geophysical
Sciences
John Crerar Library
University of Chicago
5730 S. Ellis Avenue
Chicago IL 60637
phone: 773-702-8777
fax: 773-702-7429
e-mail: atbrooks@midway.uchicago.edu

Membership Directory changes:

Carol A. Fedora was married this fall and has changed her name to Carol F. Creech. Congratulations and best wishes, Carol!

Lura Joseph
Web address:
<http://www.lib.ndsu.nodak.edu/subjects/physci>

Edward Lener
new home address:
402 Grandview Dr.
Blacksburg VA 24060

Deborah Mekeel
new e-mail: deborah.mekeel@dep.state.fl.us

Lou Pray
new home address:
21 Escondido Point
Jemez Springs NM 87025

Louise Zipp
new e-mail: lzipp@middlebury.edu

Thelma Thompson has left her positions at Cornell College in Iowa and is now at the University of New Hampshire, working as a government documents librarian with primary responsibility for maps. She is really happy to be back in New England. Her new work address is:

Thelma Thompson
Government Documents Librarian
University of New Hampshire
Durham, NH 03824-3592

Phone: (603) 862-1132
Fax: (603) 862-3403

thelmat@cisunix.unh.edu

LITERATURE REVIEW
by Miriam Lyness Sheaves

GIS members Lisa Wishard and Linda Musser published an article in the July issue of *Library Resources & Technical Services* reporting on their work with preservation, in "Preservation Strategies for Geoscience Literature: New Technologies for an Old Literature", 43 (3) July 1999, p.131-139.

Lisa Wishard also recommended for my column a very comprehensive Web site called *Virtual Technical Reports Center* which lists institutions that provide either full text reports or searchable extended abstracts of their technical reports on the Web:
<http://www.lib.umd.edu/UMCP/ENGIN/TechReports/Virtual-TechReports.html>

In the *Bulletin of the American Society for Informational Science*, 26 (1) Oct/Nov, 1999 is a Special Section on "The Digital Libraries Initiative: Update and Discussion" featuring articles by Edward A. Fox (overview of the initiative), Michael Lesk (perspectives on DLI Phase 2) and Stephen Griffen (abstracts describing several recently funded projects), p.7-21. Also of interest in this same issue are two articles related to "Digital Imagery in Global Disaster Information" by Einar Bjorgo (p.22-24) and Larry Winter Roeder (p.25-27).

Linda Hill and Mary Larsgaard have an article in the *Journal of the American Society for Informational Science*, 50 (13) 1999, which is a Special Topic Issue on the theme "Integrating Multiple Overlapping Metadata Standards". The article, by Linda Hill, Greg Janeé, Ron Dolin, James Frew and Mary Larsgaard, "Collection Metadata Solutions for Digital Library Applications" appears on p.1169-1181. They highlight the Alexandria Digital Library project, a

research digital library project focused on georeferenced / geospatial information, in a description of the ADL approach to collection metadata.

In *College & Research Libraries*, 60 (5) Sept., 1999, Cecelia M. Brown, Chemistry-Mathematics Librarian at the University of Oklahoma, reports in "Information Literacy of Physical Science Graduate Students in the Information Age" her findings from a survey. 143 graduate students were queried regarding the physical and psychological components that contribute to or detract from their ability to find, evaluate and utilize needed information.

Christine Baldwin published an update of her paper delivered at the IFLA meeting in Amsterdam in August, 1998 in *IFLA Journal*, 25 (4) 1999, p.214-217. In "Electronic Journal Publishing: Meeting User Needs", she summarizes what users want, notes trends among journal publishers, and discusses what libraries can expect. Her talk/paper outlines research results of the SuperJournal Project carried out in the UK over a period of three years. Seventeen publishers and 13 universities collaborated in this project to find out what authors and readers want from electronic journals and the factors that will make electronic journals successful.

Journal of Academic Librarianship features an article by G. Margaret Porter and Laura Bayard, 25 (5) Sept. 1999, p.390-394. They maintain in "Including Web Sites in the Online Catalog: Implications for Cataloging, Collection Development, and Access" that this is a worthwhile endeavor, but that careful selection of Web sites is an important factor to the success of such an undertaking.



Announcing the first title in the new Geological Society of America Field Guide series:

Colorado and Adjacent Areas

Geological Society of America Field Guide 1

edited by D. R. Lageson, A. P. Lester, and B. D. Trudgill, 1999.

This inaugural volume represents a new publication venue that emphasizes the "field roots" of the earth sciences profession. The series will initially showcase field excursions associated with GSA national meetings, and may be expanded in the near future to include selected field trips from sectional meetings as well as special field excursions. It is hoped that the series will not only serve as a valuable resource for earth scientists, but also serve as a venue for public education and outreach. \$25 (includes shipping and handling).

Libraries may add this publication to their standing orders with GSA to receive volumes in this series automatically (1 to 2 volumes per year).

For ordering information:

1-800-472-1988

<http://www.geosociety.org>



JOB ANNOUNCEMENTS

PRINCETON UNIVERSITY LIBRARY PRINCETON, NEW JERSEY

Position: Math/Physics Librarian

Available: January 3, 2000

THE PRINCETON UNIVERSITY LIBRARY:

The Princeton University Library's general collections include about 6 million printed volumes, as well as significant numbers of microforms, scores and records, electronic databases and journals. The Library employs approximately 320 professional and support staff workers, as well as a large student and hourly workforce. Library operations are divided among twenty sites on campus, including a large central library. More information may be found at the [library's Web site](http://libweb.princeton.edu:2003/)
<http://libweb.princeton.edu:2003/>

Description: Princeton University seeks an energetic and innovative librarian to direct the Math/Physics Library. The Library is located in Fine Hall, in the center of the building complex serving the Departments of Mathematics and Physics. Our ideal candidate will be a librarian with an appreciation for a distinguished book collection and an enthusiasm for new methods of communicating scientific information.

The Math/Physics Librarian is responsible for directing one of the preeminent collections of its kind in the world, currently consisting of more than 121,000 volumes and about 700 journal subscriptions. The Librarian provides collection building for math and physics, and provides in-depth reference service and bibliographic instruction to help students and faculty navigate through the increasingly complex array of print and electronic information sources. The Librarian is responsible for the Math/Physics Library's web presence, for providing delivery services, and for designing new ways to meet the needs of faculty, staff and students. The Librarian manages three full time support staff and the student assistants assigned to the library, and works closely with faculty liaisons and other constituent groups.

The Librarian also supervises the Plasma Physics Librarian, whose library and staff are located at the Princeton Plasma Physics

Laboratory. The Librarian works closely with staff throughout the library system, especially the other staff in the Special Libraries Department. This position reports to the Deputy University Librarian.

Qualifications: Requirements: M.L.S. from an ALA accredited institution or equivalent combination of education and experience. Bachelor's degree in physics and/or math. At least two years of experience in an academic or technical library. Knowledge of the literature of math and physics is required, as is experience and interest in electronic publishing in the sciences. Advanced training in computer applications in libraries. Demonstrated management, analytic, and planning skills. Demonstrated commitment to aggressively deliver new user-oriented services and training. Demonstrated ability to work both independently and collaboratively with all levels of staff and users. Demonstrated ability to communicate effectively orally and in writing.

Benefits: Twenty-four (24) vacation days a year, plus eleven (11) paid holidays. Annuity program (TIAA/CREF), group life insurance, health coverage insurance, and disability insurance.

Salary & Rank: Dependent upon experience and qualifications.

Review of applications will begin on December 15, 1999 and continue until the position is filled. Nominations and applications (resume and the names, titles, addresses and phone numbers of three references to be contacted) should be sent to:

Search Committee for Math/Physics Librarian
c/o Lila Daum Fredenburg
Human Resources Librarian
Princeton University Library
One Washington Road
Princeton, New Jersey 08544-2098

PRINCETON UNIVERSITY IS AN EQUAL
OPPORTUNITY/ AFFIRMATIVE ACTION
EMPLOYER.

Guidelines
for
Authors, Editors, and Publishers
of
Geologic Field Trip Guidebooks



Guidebook Standards Committee
Geoscience Information Society

November 1999

Guidelines for Authors, Editors, and Publishers of Geologic Field Trip Guidebooks

Field trip guidebooks are a significant contribution to geoscience literature. They are often the most current or only synopsis of an area's geology, and as such, are essential to researchers and students. Guidebooks may be difficult to locate because casual references to guidebooks may simply describe the area investigated and the name of the society or meeting associated with the field trip and/or guidebook. An aid to identifying field trip guidebooks is the *Union List of Geologic Field Trip Guidebooks of North America* compiled by members of the Geoscience Information Society (GIS). The Union List enumerates most of the geological field trip guidebooks found in libraries across North America. Updates to the sixth edition, published by American Geological Institute, now appear as a web version at <http://www.agiweb.org/pubs/unionlist>.

GIS encourages guidebook editors and compilers to include specific information on the cover and preliminary pages of every guidebook, so that this important literature can be identified, acquired, and used by the geoscience community. The following guidelines are intended to ensure that your guidebook contains the essential components to become an identifiable and permanent part of the geoscience literature.

The field trip guidebook TITLE PAGE should include:

- **Title** - A clearly indicated title identical to that on the cover. The title should be consistent wherever it is used throughout the publication. If a subtitle is used, it should follow the same rules.
- **Geographic area** - The geographic area, including state or province covered by the field trip, should be included as a part of the title or subtitle.
- **Dates** - Day's, month, and year of the field trip, preferably on the title page.
- **Meeting name** - Name and place of the meeting should be included when the field trip is held in conjunction with a meeting. If it is a regular, numbered meeting, specify the number of the meeting.
- **Field trip number** - If several field trips take place at a meeting, specify the number of each field trip.
- **Series title and number** - If issued as a number within a series, the series title should remain the same from year to year. That title should be the same on the title page, cover, and wherever else it appears. Be sure to include the number of the series.
- **Volumes within a set** - If issued as volumes of a set, each volume should be identified with the same overall title. This exact title should be repeated on the title page and cover of each individual guidebook. Also include on each individual volume the name of the meeting for which the guidebooks were prepared, and the volume number of each volume indicated near the overall title. For example, all 15 guidebooks from the 1979 International Congress of Carboniferous Stratigraphy and Geology should have this exact name repeated on the title page and cover of each individual guidebook.
- **Field trip leaders and guidebook editors** - Name the first several field trip leader's and/or editor/s and indicate the responsibility of each person.
- **Reprint** - If this guidebook is a reprint, indicate the title and the year of publication of the original. If it is part of a reprint series, include that series title and series number.
- **Publisher name and address** - Name and full address of the publisher may appear here or on the back of the title page.
- **Date of publication.**

The BACK OF THE TITLE PAGE should include:

- **Publisher name and address** - Name and full address of the publisher may appear here if it is not on the title page, and the distributor, if different from the publisher. Include an e-mail web or address, as appropriate.
- **Internet availability** - Provide the URL if the guidebook is available online.
- **Price** of the publication.

GENERAL RECOMMENDATIONS

Publication content and format

- **Road log** - A road log creates a more site specific guide. Its presence is required for inclusion in the *Union List of Geologic Field Trip Guidebooks of North America*.
- **Paper, printing, and binding** - Use good quality paper, printing, and binding (preferably, not spiral binding, because this type of binding disintegrates under library use). If spiral binding is unavoidable, provide a "gutter margin" of at least one inch (1") between the spiral and the text, to enable libraries to bind the volume.
- **Page numbering** - Number the pages consecutively.
- **Table of contents** - Include a table of contents page if the guidebook contains more than one paper, and or illustrations that can be listed, and or unbound materials found in the pocket.
- **Illustrations** - Identify all illustrations with a text caption.
- **Title** - Identify the guidebook on the first page of each article. This insures that reprints of single articles can be properly referenced.

Distribution

- **Print count** - Print more copies of the guidebook than are needed for field trip participants. Remember, this is a contribution to the literature of geology. Your potential market may be numerous libraries holding geological collections.
- **Advertising** - Send publication announcements containing all pertinent information that appears on the title page and its reverse to *Geotimes* and similar geological news publications.

Geotimes

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FAX 703-379-7563

www.geotimes.org

-Send publication announcements to potentially interested libraries. Specifically send announcements to libraries in the region where the field trip was held; those listed in the *Union List of Geologic Field Trip Guidebooks of North America*; and to members of the Geoscience Information Society. GIS membership mailing labels can be purchased by contacting the GIS Secretary at:

Geoscience Information Society

c/o American Geological Institute

4220 King Street

Alexandria, Virginia 22302-1057 USA

www.geoinfo.org

-Announce the publication of your guidebook on GEONET-L, a distribution list of geoscience librarians at GEONET-L@LISTSERV.INDIANA.EDU

- **Depository copy** - Deposit a copy of the guidebook in your nation's largest geological library. In Canada send a copy to the Earth Sciences Information Centre in Ottawa and to regional GSC libraries. In the United States send a copy to U.S. Geological Survey Library in Reston and to one or more regional USGS Libraries. Also deposit a copy in the nearest library/ies listed in the *Union List of Geologic Field Trip Guidebooks of North America*.

Prepared by the Guidebooks Standards Committee, 1999

Claren Kidd, Chair (University of Oklahoma)

Lorraine Knox (Iowa State University)

Carol Messick (USGS-Reston)

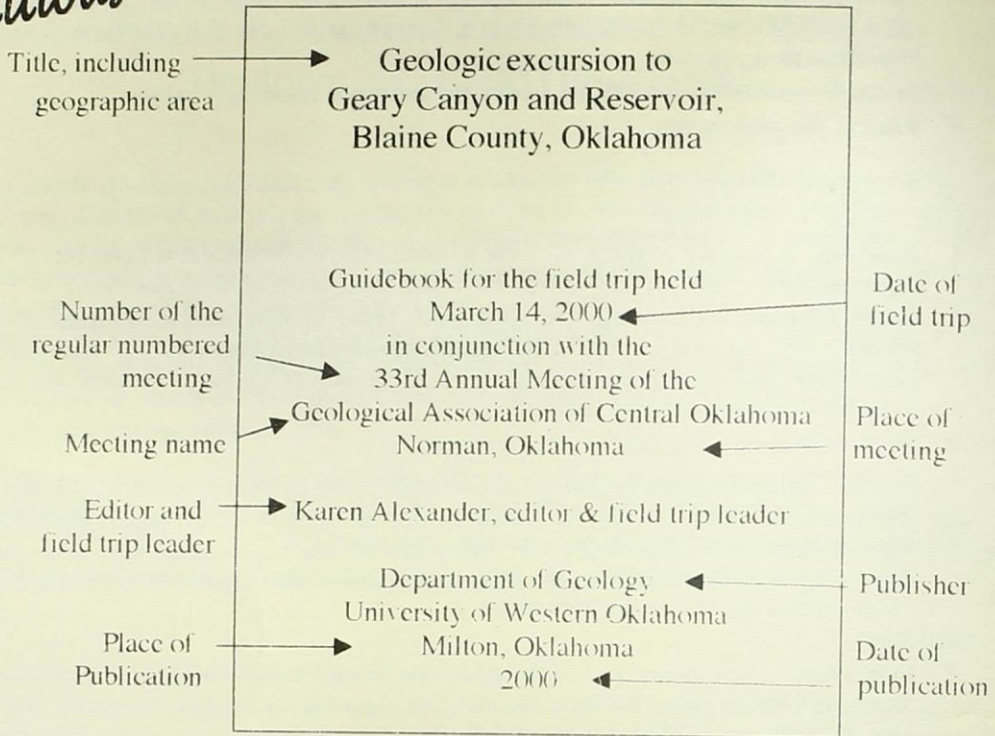
Linda Newman (University of Nevada, Reno)

Mary Spencer (University of Kentucky)

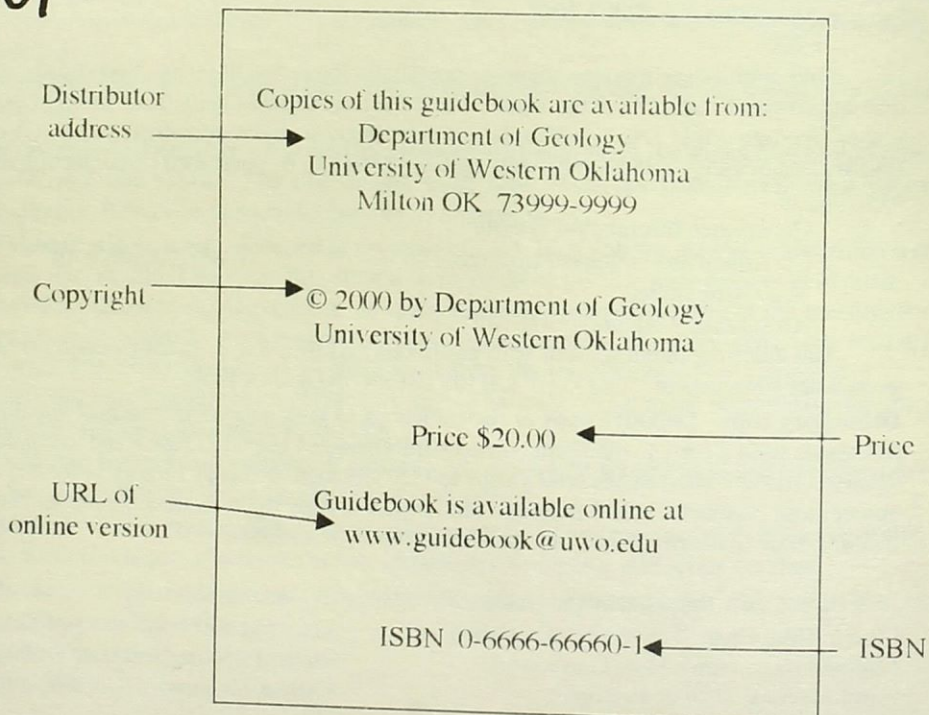
Richard Spohn (University of Cincinnati)

Thelma Thompson (Cornell College)

Fictitious title page



Back of title page



**Syracuse University Library
Maps/GIS Librarian
Syracuse University Library**

Position Summary: Syracuse University Library is seeking an energetic Maps/GIS librarian to develop and implement a new GIS program and oversee all aspects of the Library's cartographic collection. This position includes collection development, reference service, user education, supervision of maps processing, and coordination of maps cataloging with the Bibliographic Services Division. Departmental reference and instruction includes government publications (U.S. depository collection) as well as maps. This individual serves in a department of two librarians and five support staff, and reports to the Head, Maps and Government Information Department.

The successful candidate will join a Library actively involved in strategic planning of new programs and services, including GIS. The SU Library, with collections of nearly three million volumes, is also actively pursuing electronic and digital initiatives. The position description is posted at:

<http://libwww.syr.edu/information/employment/maps.htm>.

For more information about the Library and University see

<http://libwww.syr.edu> and <http://www.syr.edu>.

Responsibilities:

Implements and oversees GIS technology and services as part of a major Library digital initiative

Administers the map room, which includes collections of sheet maps, atlases, electronic cartographic resources, and aerial photography

Supervises 1 FTE in the Maps unit, and student assistants in the Maps unit and an emerging GIS lab

Oversees processing of cartographic materials

Serves as bibliographer/subject specialist for maps and geography, with potential for other subject assignments according to qualifications and Library needs

Collaborates with other GIS groups on campus to further the use of GIS at Syracuse University

Provides general and specialized reference services (including some evenings and weekends) for maps and government publications, utilizing print, electronic, web, digital, multimedia resources.

Provides instruction and orientation for maps and government publications, including hands-on workshops in the Library's 15-seat fully networked Electronic Training Center

Creates print and Web-based publications/user guides for Maps and GIS resources

Participates in departmental and Library planning

Serves on departmental and Library committees and working groups as appropriate

Qualifications: Required: Advanced degree from an ALA-accredited program; two or more years of professional experience providing reference, collection development, and/or technical services for cartographic materials, preferably in a research setting; demonstrated knowledge of electronic resources including GIS systems and geospatial data, and bibliographic, full text, and other databases; effective oral and written communication skills; ability to work cooperatively in a demanding and rapidly-changing environment; commitment to providing responsive and innovative services to a culturally and racially diverse campus.

Candidates with all required qualifications and the strongest combination of the following skills and attributes will receive highest consideration:

Experience with:

Social science data manipulation;

Government publications;

Collection development/management;

Library user education;

Computing technologies, including html, file transfer, spreadsheets, database management.

Education/knowledge:

Subject expertise in geography or cartography;

Knowledge of emerging technologies, digital library applications, and networked information resources;

Organizational ability and time management skills;

Reading knowledge of European language(s);

Second, relevant master's degree;

Evidence of professional/scholarly activity.

Environment: Founded in 1870, Syracuse University is an independent Research II University and a member of the Association of American Universities. Its thirteen schools and colleges, with 800 faculty, enroll over 12,000 undergraduate and 5,600 graduate and law students.

Planning is underway for the transformation of space and services in a building now housing science and technology resources. See <http://libwww.syr.edu/news/carnegie/htm> for further information about this initiative. The Library is a member of the Association of Research Libraries,

the Research Libraries Group, OCLC, and national and regional consortia. Its online system is Endeavor's Voyager. The Library is committed to the development of digital resources and is working actively to encompass new digital initiatives. The Library is also committed to providing excellent and responsive services to a culturally and racially diverse campus.

Syracuse is situated in the center of New York State within 250-300 miles of New York City, Boston, Philadelphia and Toronto. The University's attractive main campus is located just east of downtown Syracuse. Cultural opportunities abound, with a symphony orchestra, jazz festival, chamber music, a nationally-recognized art museum and an Equity theater, along with excellent opportunities for sports and recreation.

Salary and Benefits: Commensurate with education and experience.

Minimum: \$38,000. The University provides a generous benefits package, including TIAA/CREF (11% University contribution), health and dental plans, tuition remission, adoption assistance, insurance, and other work/life options and benefits.

Contact: Send letter of application, resume, and names of three references to:

Search Committee for Maps/GIS Librarian
Syracuse University Library
Office of Human Resources
Syracuse University,
Syracuse, NY 13244-2010.

Applications received by January 17, 2000 will receive first consideration.

SYRACUSE UNIVERSITY IS AN EQUAL
OPPORTUNITY/AFFIRMATIVE ACTION
EMPLOYER

Haverford College

Science Librarian (Search Reopened):

Haverford College seeks a Science Librarian to plan, manage, and evaluate the facilities, services, and resources of three departmental science libraries. The Librarian performs or supervises all work in these libraries and serves as primary liaison between the Library and the departments of astronomy, biology, chemistry, mathematics, and physics. Working directly with students and faculty in a team- and user-oriented environment, the Science Librarian coordinates functions with reference and technical services staff in Magill Library and collaborates with colleagues at Bryn Mawr and Swarthmore College libraries in a wide variety of collection development,

information access, and service functions. Supervises one full-time assistant and 3 FTE student staff. Salary \$40,000 plus generous benefits. Please see full job description and qualifications at <http://www.haverford.edu/library/reference/rkief/scijob.htm> BEFORE sending letter of application, resume, and names of three references to:

Donna Fournier
Haverford College Library
Haverford, Pennsylvania 19041-1392.

Application deadline: January 31, 2000. No fax or email applications; questions to Donna Fournier at dfournie@haverford.edu or 610-896-1005 EEO/AA.

USGS

The job announcement for the Chief Librarian's position in the U.S. Geological Survey library system has just been posted on the Web. The job description and complete directions for applying can be found at: <http://www.usajobs.opm.gov/wfjic/jobs/TD8612.HTM> It can also be located by selecting "Employment" on the USGS home page at <http://www.usgs.gov>, by searching the government website at <http://www.usajobs.opm.gov>, or by contacting any USGS personnel office.

Nancy L. Blair
Acting Chief Librarian
U.S. Geological Survey Library System
345 Middefield Road, M.S. 955
Menlo Park, California 94025
Phone: 650-329-5029 Fax: 650-329-5132
E-mail: nblair@usgs.gov

Gemological Institute of America (GIA) Two Positions

Library Manager: The Gemological Institute of America in Carlsbad is seeking an experienced manager to join our Library and Information Center. Responsibilities will include providing and maintaining top-quality staffing of the library, assist in developing and maintaining a world-class library collection and information system, and to ensure maximum service levels within the budget. Qualified candidates will possess a G.G. or Degree in Earth Sciences, a minimum of 5 years management experience, computer literacy, and excellent communication skills. GIS offers competitive salary,

benefits and exciting work environment. Send resumes **with salary requirements** to:

GIA HR
5345 Armada Dr.
Carlsbad, CA 92008.

EOE.

Research Librarian: The Gemological Institute of America (GIA) is seeking an experienced Research Librarian to join our team. Selected candidate will provide library reference and research to GIA staff, gem and jewelry industry and the general public. Will also assist in organizing and maintaining the library's collection of slides, photos and digital images. Qualified candidates will possess, G.G. or

G.J.G., excellent communication skills, familiarity with word processing and database programs and good organizational skills. College degree and previous library experience desirable. Send resume **with salary requirements** to:

GIA HR
5345 Armada Dr.
Carlsbad, CA 92008

Or FAX (760) 603-4099. Resumes without salary requirements will not be considered. Principals Only. EOE>

GEOSCIENCE SERIALS PRICES

Compiled by Michael Noga

Title	1997	1998	1999	2000	%chg 98/99	%chg99/00
AAPG Bulletin	140	140	280	280	100	0
American Mineralogist	320	320	430	430	34.4	0
Annales Geophysicae	1124	1124	1317	1380	17.2	4.8
Antarctic Science	236	322	330	340	2.5	3
Applied Geochemistry	430	499	584	657	17	12.5
Arctic and Antarctic Alpine Res	90	90	95	100	5.6	5.2
Australian Journal of Earth Sci	513	560	590	640	5.1	8.5
Basin Research	340	540	592	585	9.6	-1.2
Biogeochemistry	874	874	990	1046	13.3	5.7
Boreas	179	189	199	210	5.3	5.5
Bulletin of the Seismol Soc of Am	260	270	280	300	3.7	7.1
Bulletin of Volcanology	596	596	643	675	7.9	5
Canadian Journal of Earth Sci	510	556	612	655	10.1	7
Catena	787	810	784	917	-3.2	17
Chemical Geology	2444	2457	2379	2558	-3.2	7.5
Computers & Geosciences	1355	1443	1454	1563	0.8	7.5
Continental Shelf Research	1162	1312	1370	1473	4.4	7.5
Contrib of Mineral & Petrology	2707	2707	2698	2829	-0.3	4.9
Deep Sea Research Pts. I & II	2431	2775	2796	3142	0.8	12.4
Earth & Planetary Science Letters	2333	2471	2490	2677	0.8	7.5
Earth-Science Reviews	648	819	825	887	0.7	7.5
Earth Surf Processes & Landforms	1175	1355	1595	1750	17.7	9.7
Engineering Geology	704	1000	1063	1143	6.3	7.5
Environmental & Eng Geoscience	125	125	125	125	0	0
Environmental Geology	597	615	771	969	25.4	25.7
Eos	315	340	357	369	5	3.4
Evolution	160	170	170	170	0	0
First Break	505	526	584	607	11	3.9
Geoarchaeology	568	656	787	899	20	14.2
Geochimica et Cosmochim Acta	1295	1410	1530	1644	8.5	7.5
Geoderma	1667	1707	1654	1778	-3.1	7.5
Geoforum	575	630	668	718	6	7.5
Geological Journal	475	545	645	705	18.3	9.3

Geological Magazine	312	324	338	354	4.3	4.7
Geology	350	350	355	355	1.4	0
Geomagnetism and Aeronomy	623	623	675	745	8.3	10.3
Geo-Marine Letters	350	368	447	469	21.5	4.9
Geomorphology	1185	1195	1264	1359	5.8	7.5
Geophysical Journal Internat	1043	1229	1355	1485	10.3	9.6
Geophysical Prospecting	501	501	563	607	12.4	7.8
Geophysical Research Letters	826	879	985	1180	12.1	19.8
Geoscientist	82	95	100	107	5.3	7
Geotectonics	435	487	528	580	8.4	9.8
Geothermics	628	734	803	863	9.4	7.5
Global Environmental Change	368	408	452	583	10.8	29
GSA Abstracts with Programs	113	129	129	129	0	0
GSA Bulletin	350	350	350	355	0	1.4
Hydrological Processes	995	1295	1795	1970	38.6	9.7
International Journ of Earth Sci	441	460	552	587	20	6.3
International Journ of Coal Geology	802	1138	1348	1449	18.5	7.5
International J of Rock Mech/Min Sci	1419	1616	1767	1894	9.3	7.2
Izvestiya, Atmos & Ocean Phys	605	678	735	810	8.4	10.2
Izvestiya, Physics of the Solid Earth	638	714	775	850	8.5	9.7
Journal of African Earth Sciences	984	1172	1576	1694	34.5	7.5
Journal of Applied Geophysics	704	690	668	834	-3.2	24.9
Journal of Asian Earth Sciences	663	721	783	842	8.6	7.5
Journal of Atmos & Sol-Terr Phy	2014	2190	2270	2440	3.7	7.5
Journal of Coastal Research	135	145	145	145	0	0
Journal of Geochemical Exploration	1139	968	896	1049	-7.4	17.1
Journal of Geodesy	540	571	675	678	18.2	0.4
Journal of Geodynamics	741	914	1086	1166	18.8	7.4
Journal of Geophys Research	4310	4598	4965	5290	8	6.5
Journal of Geosci Education	33	33	55	55	66.7	0
Journal of Hydrology	3475	3621	3508	3772	-3.1	7.5
Journal of Micropalaeontology	117	123	129	135	4.9	4.7
Journal of Paleontology	99	99	110	113	11.1	2.7
Journal of Quaternary Science	575	655	825	905	26	9.7
Journal of Sedimentary Res	180	180	180	180	0	0
Journal of South Amer Earth Sci	467	508	597	701	17.5	17.4
Journal of the Atmos Sciences	455	475	495	510	4.2	3
Journal of the Geol Soc of London	617	641	673	720	5	7
Journal of Volcanol & Geotherm Res	1635	1638	1698	1825	3.7	7
Limnology and Oceanography	175	175	175	350	0	100
Lithos	796	802	828	931	3.2	12.4
Marine and Petroleum Geology	1032	1123	1260	1417	12.2	12.5
Marine Chemistry	1348	1368	1456	1565	6.4	7.5
Marine Geology	2316	2345	2412	2593	2.9	7.5
Marine Geophysical Researches	637	605	652	688	7.8	5.5
Marine Micropaleontology	889	879	851	915	-3.2	7.5
Marine Pollution Bulletin	656	783	821	882	4.9	7.4
Mathematical Geology	555	595	645	720	8.4	11.7
Meteoritics and Planetary Science	265	330	360	550	9.1	52.8
Mineralium Deposita	733	742	922	911	24.3	-1.2
Mineralogy and Petrology	745	700	837	833	19.6	-0.5

Natural Hazards	428	431	512	495	18.8	-3.3
Nature	495	595	595	650	0	9.2
Nautilus	45	45	45	45	0	0
New Zealand J of Geol & Geoph	200	210	210	225	0	7.1
Northeastern Geol & Env Sci	59	59	79	79	25.3	0
Norwegian Journal of Geology	160	170	180	190	5.8	5.3
Oceanology	539	603	684	720	13.4	5.3
Ore Geology Reviews	519	529	628	675	18.7	7.5
Organic Geochemistry	1807	1965	2056	2210	4.6	7.5
Palaeo, Palaeo, Palaeo	2528	2586	2553	2745	-1.3	7.5
Palaios	165	165	165	165	0	0
Paleobiology	65	65	65	69	0	6.1
Paleoceanography	280	299	319	329	6.7	3.1
Petroleum Geoscience	195	217	229	212	5.5	-7.4
Physics and Chem of the Earth	830	1077	1636	1760	51.9	7.6
Physics and Chemistry of Minerals	1173	1173	1320	1469	12.5	11.3
Physics of the Earth & Planet Inter	1826	1845	1785	1919	-3.3	7.5
Planetary and Space Science	1926	2096	2173	2336	3.7	7.5
Precambrian Research	1741	1759	1703	1830	-3.2	7.5
Proceedings of Geologists Assoc	161	169	184	197	8.9	7.1
Proceedings of Yorkshire Geo Soc	109	114	122	129	7	5.7
Progress in Oceanography	900	1094	1286	1608	17.6	25
Pure and Applied Geophysics	1844	1738	1310	2011	-24.6	34.8
Quarterly J of Eng Geo & Hydrogeo	304	307	322	345	4.9	7.1
Quaternary International	563	614	691	743	12.5	7.5
Quaternary Science Reviews	798	1014	1151	1324	13.5	15
Remote Sensing of Environment	1398	1564	1660	1777	6.1	7
Review of Paleobotany & Palynol	1574	1552	1503	1616	-3.2	7.5
Reviews of Geophysics	250	265	280	280	5.7	0
Rock Mech and Rock Eng Science	228	228	259	278	13.6	7.3
Science	260	295	325	340	10.2	4.4
Scottish Journal of Geology	136	142	150	159	5.6	6
Sedimentary Geology	1944	2115	2046	2199	-3.3	7.5
Sedimentology	588	729	802	835	10	4.2
Seismological Research Letters	85	85	90	98	5.9	8.9
Surveys in Geophysics	447	426	498	483	16.9	-3
Tectonics	392	409	429	444	4.9	3.5
Tectonophysics	3267	3362	3349	3600	-0.4	7.5
Terra Nova	433	502	537	558	7	3.9
Water Research	2516	2516	3243	3486	28.9	7.5
Water Resources Research	680	720	720	845	0	17.4

9.40% 8.30%

**GEOSCIENCE INFORMATION SOCIETY
FELLOWSHIP FOR GEOSCIENCE
LIBRARIAN for the year 2000**

A Fellowship for a geoscience librarian from a developing country is available as a four-week program in the United States from 20 October 2000 through 16 November 2000. Sponsored by the Geoscience Information Society (GIS), the fellowship will enable the recipient to participate in the GIS annual conference in Reno, Nevada (November 13-16) and to enhance her/his professional skills through hands-on educational opportunities in several United States earth science libraries.

The Fellowship will include travel expenses to and from the United States and among the host libraries, meeting registration fee, housing (including residencies with host librarians), and a small per diem.

REQUIREMENTS

The applicant must provide:

- that she or he is employed full-time in a professional position in an academic or governmental geoscience library located in a developing country, and will continue that employment for at least a year after completion of the Fellowship.
- a signed statement, in English, from a responsible official of the institution where she/he is working or plans to work, signifying there will be a position in a geoscience library available for the Fellow upon her/his return.
- a certificate of good physical health, in English, from a licensed physician.

If English is not your first language or if your instruction at university was not in English, please answer "Questions to be answered, in English" on a VHS formatted videotape, OR provide TOEFL scores from tests taken in the past two years. A VHS formatted videotape is encouraged. Written answers are not required if you submit the answers on a VHS formatted video tape.)

You may submit your completed application via e-mail. You may also send the completed application form, the letter of institutional support from your supervisor, the signed certificate of good physical health, and "Conditions of Application and Participation" via postal mail or fax. The videotape, the original signed letter by your supervisor, your

signed "Conditions of Application and Participation", and the physician's signed certificate of good health must be sent via postal mail in time to meet the deadline.

All application materials must be received by Claren Kidd on or before 15 March 2000.

**Send to: Claren Kidd
L.S. Youngblood Energy Library
100 E. Boyd R200
Norman, OK 73019-4845.
Fax 405-325-3180
E-mail ckidd@ou.edu**

OTHER INFORMATION

Fellowship recipients will be expected to take part in an open discussion at the GIS annual meeting and are encouraged to give either an oral paper or a poster about her/his library program. Six months after her/his participation the Fellow agrees to submit to the Committee Chair a written evaluation of the Fellowship that will include what the Fellow learned, and how her/his library will or has benefited from the Fellowship.

Passport/Visa -- Obtaining a visa and passport can take several months. The Fellowship recipient should begin early to learn her/his government's regulations and procedures for issuing a passport, and the regulations of the US government for issuing a visa.



GIS FELLOWSHIP for the year 2000 APPLICATION

PERSONAL DATA

Full Name: (underline your family or surname)
Date and place of birth:
Citizen of:
Permanent resident of:
Home address:
Home telephone:
Current position (job title):
Work address:
Work telephone:
Work fax
Electronic mailing address:
Home
work
your preferred e-mail address
Immediate supervisor:

Have you traveled outside your native country for either personal or professional reasons? Please describe.

EDUCATION/WORK EXPERIENCE

Academic degrees (indicate college/university, year, and major subject).

Have you studied/worked in the U.S. or Canada? If yes, please describe.

Professional positions held, listing with your current position first.

Describe your library (collections, facilities, staff; users, services, computer equipment, etc.)

Describe your specific job duties and responsibilities.

PROFESSIONAL DEVELOPMENT

Memberships/activities in professional organizations.

Awards, honors, and fellowships.

Major publications and presentations.

AUTOMATION SKILLS

Are you able to use the following? (Yes/No.) If yes, please indicate ability: 1=beginning, 2=fair, 3=good)	
PC (personal computer)	
Macintosh computer	
Operating systems (Please circle each one you have used)	
DOS	Microsoft Windows (3.1, 95, 98, NT)
MAC 7.5, OS 8.0, OS 8.5	UNIX
Linux	
Software (Please circle each one you have used)	
Word-processing (Microsoft Word, WordPerfect)	Database Management (Access, FileMaker Pro)
Spread Sheet (Excel, Lotus 123)	Integrated (Claris Office, Microsoft Office)
Other	
Electronic mail	
Telnet	
FTP	
Web browsers (Netscape or Explorer)	
OCLC, RLIN, other (Please specify each one you have used)	
DIALOG, STN, or other online systems (Please specify each one you have used)	
GeoRef	
Local online catalog/circulation system (Please describe.)	

LANGUAGE SKILLS A good command of the English language is essential. If English is not your first language or if your instruction at university was not in English, please answer "Questions to be answered, in English" on a VHS formatted videotape, OR provide TOEFL scores from tests taken in the past two years. A VHS formatted videotape is encouraged. Written answers are not required if you submit the answers on a VHS formatted video tape.)

TOEFL score:
Date tested:

Questions to be answered in English, on the videotape. (the length of the video tape should be no longer than 20 minutes)*

Describe the larger organization of which your library is a part.
Describe the library in which you work (location, resources, level of automation, etc.)
Describe the responsibilities of your current job.
Describe briefly your previous training and level of expertise/experience in librarianship and geoscience.
In what areas of expertise/skill development are you most interested in obtaining training and research information? (Examples might include areas such as database searching, Web-based information resources, conducting reference interviews, map librarianship, cataloging, collection development, acquisitions, electronic journals, automation/library systems)
Do you have any specific project you would like to complete while being the GIS Fellow?
Describe any additional skills or qualifications that you feel are pertinent to your application.
Summarize why you are interested in the Fellowship.
Be sure to include comments about:
- specific ways in which you plan to share your knowledge and new skills in the nation in which you are employed.
- types of U.S. libraries/institutions in which you would like to have experiences. (government, academic, corporate, etc.)
- personal and professional experiences you hope to gain during your GIS Fellowship.
Also ask any questions you have for the selection committee.
* (Holders of academic degrees earned in the Australia, Canada, Ireland, India, New Zealand, South Africa, U.K., or U.S. are exempt from the submission of TOEFL scores and the videotape. However, you are expected to submit a written one-page statement that includes answers to these questions.

APPLICANT'S NAME:

RECOMMENDATION FOR PARTICIPATION (to be completed by your supervisor)

How long have you supervised the applicant?
Please rate the applicant's performance in the following areas: (Excellent/Good/Fair)
Professional knowledge (librarianship)
Work habits
Dependability
Automation skills
Oral communication
Written communication
Relations with library staff
Relations with library users
Adaptability to new situations
Resourcefulness and initiative
Analytical skills
Leadership qualities

Why do you feel the applicant will be successful in the GIS Fellowship program?

Please discuss specific ways in which you will help the applicant share his/her knowledge and new skills within your institution and with the library community in your country.

Name of supervisor:	
Title:	Institution:
Signature:	
Date:	

Conditions of Application and Participation

In submitting my application for the GIS Fellowship, I warrant that the information provided is accurate and I understand that misrepresentation may cause the Geoscience Information Society to deny or withdraw the Fellowship.

In the event I am awarded the Fellowship, I know that there are various risks associated with travel and living abroad. I also know that I should not travel or live abroad unless I am in good health and properly educated with respect to such activities. Therefore, I assume all risks associated with my acceptance of the Fellowship awarded to me by GIS, including but not limited to the risks of personal injury, sickness, and the loss or destruction of property; all these risks being known and appreciated by me. Knowing these facts, and in consideration for GIS's agreement to provide me with a fellowship, I waive and release the Geoscience Information Society, its officers, members, and successors, from any and all claims or liabilities of any kind that may arise if I accept.

I also understand the educational nature of the Fellowship. I agree not to have any family members or others accompany me during my tenure as a Fellow in the United States. I also agree to seek prior approval from my host or GIS before making changes in my Fellowship activities.

Applicant's name: _____

typed or printed

Applicant's signature: _____

Date: _____

Please return with application and supporting materials by 15 March 2000

to: **Claren Kidd**
L.S. Youngblood Energy Library
100 E. Boyd R200
Norman, OK 73019-4845.
Fax 405-325-3180
E-mail ckidd@ou.edu

Note from the GIS Editor

As this is my last newsletter, I thought I would take this opportunity to say that I have enjoyed editing the *GIS Newsletter* for the past three years. I appreciated everyone working hard to get items to me on time, or at least close to the deadline.

I would like to thank the staff at The Digital Image Printers for their hard work, assistance and incredibly fast turnaround time. They were an excellent company to work with and made it very easy for me to publish this newsletter.

I would also like to thank the U.S Post Office in Richland, Washington. The staff was very efficient and professional. No one batted an eye when I walked in with a box of over 100 First Class items to be mailed to a variety of countries around the globe. Additionally, they were extremely fast in processing the First Class mail for me. The Bulk Mail staff was helpful in getting me started with my bulk mail permit and providing answers to my questions regarding the preparation of the mailing.

Connie Manson will be taking over as the new GIS Newsletter Editor. Since she was my predecessor and mentor, I know that the Newsletter is in good hands. I think we can look forward to a fresh new look for the year 2000!

Thank you to the Geoscience Information Society for giving me this opportunity to edit. Although I am giving up this position, I hope to remain active on other committees in GIS.

Happy Holidays!

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(Former) GIS Newsletter Editor.







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