



**GEOSCIENCE
INFORMATION
SOCIETY**

newsletter

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Developing a Geoscience Library for the 21st Century, by Linda Zellmer. 14

PRESIDENT'S COLUMN

by Linda Musser

The annual meeting is only a few weeks away and I am looking forward to mingling with my GSIS colleagues again. Adonna Fleming has put together an exciting program that has something for everyone. I hope many of you can attend.

In this last column I want to share with you some observations that I've gleaned as president this year. Our organization is increasingly perceived as being a North American entity only. In discussions with international geoscience groups, we are introduced as being a North American organization. Indeed, our current membership profile bears this out. Few of our members are from outside the U.S. and Canada. But the problem as I see it goes beyond perception and membership numbers and is reflected in our activities and in how we do business. The GSIS always meets in conjunction with the Geological Society of America (GSA). To my knowledge, we have never held a meeting outside of the North America nor held a meeting not in conjunction with GSA. While I would never advocate eliminating our involvement with GSA, perhaps we should consider holding a small, shorter event elsewhere at another time of year—perhaps at the same time/location as other major library organizations such as IFLA, SLA, or IAMSLIC. The upcoming

Geoscience 101 event should provide a good testing ground for this concept.

Beyond our meeting times and locations, other activities and policies of the GSIS are less open for our non-North American members. One example is the limited means by which we allow members to pay their dues, a significant problem for some of our members. Another example pertains to the activities of the Guidebooks Committee, which collects and disseminates information about geologic guidebooks of North America only. I worry about the message that our organization sends to prospective non-North American members via these policies and urge that we examine how we can become more open to geoscience librarians worldwide.

I have learned many things during my year as president, not the least of which is that our organization has an important role to play in the worldwide community of geoscience organizations. Thank you to the many who have volunteered their time in support of this organization. It is the members who make the Geoscience Information Society special and it has been an honor to serve as president.

VICE PRESIDENT'S COLUMN

by Adonna Fleming

It's time. The GSIS 2005 annual meeting is in a few days. I would like to take this opportunity to thank all the GSIS members and sponsors who have worked hard to make this meeting successful. Enjoy, learn a lot, and see you there!

Call for volunteers!

If you are interested in serving on a committee, as a representative, or as an officer of the GSIS, let Linda Musser or Adonna Fleming know. A full listing of committees and other positions is available at the GSIS website at <http://www.geoinfo.org/officers.html>. Most appointments are for two years.

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GSIS members are encouraged to contribute materials for publication. Material for the December, 2005 issue should be received no later than November 26, 2005. Please send materials by e-mail to cjm@thurston.com

GEOSCIENCE INFORMATION SOCIETY
2005 Annual Meeting, Salt Lake City, Utah, October 15-20 - Final Schedule

Note: GSIS Committees – Meet separately as arranged by committee chairs

Saturday, October 15

10:30 a.m. - 3:00 p.m.	Geoscience Librarianship 101	Univ. of Utah, Marriott Library, Gould Room
3:00 - 5:00 p.m.	E-Resources Forum	Univ. of Utah, Marriott Library, Gould Room

Sunday, October 16

8:00 a.m. - 12:00 p.m.	GSIS technical Papers Session: “Collaboration for the Dissemination of Geologic Information among Colleagues”	Salt Palace Convention Center Ballroom J
2:00 - 5:00 p.m.	GSIS Executive Board Meeting	Hilton, Alpine East
5:30 - 7:30 p.m.	Exhibits Opening and Welcoming Reception	Salt Palace Convention Center Exhibit Halls D and E

Monday, October 17

9:00 a.m. - 12:00 p.m.	GSIS Business Meeting	Hilton, Seminar Theater
1:30 - 5:30 p.m.	GSIS Poster Session: “Geoscience Information: Resources and Dissemination”	Salt Palace Convention Center Hall C
5:00 p.m. - 1:00 a.m.	Alumni Receptions	To be announced

Tuesday, October 18

9:30 - 11:30 a.m.	GSIS Preservation Forum	Hilton, Seminar Theater
12:00 - 1:30 p.m.	GSIS Luncheon and Awards	Hilton, Grand Ballroom A
2:00 - 4:30 p.m.	GSIS Collection Development Forum	Hilton, Seminar Theater
6:00 - 9:00 p.m.	GSIS Reception and Silent Auction	Hilton, Canyon III

Wednesday, October 19

2:00 - 4:00 p.m.	GSIS Professional Issues Forum & Wrap-up	Hilton, Alpine East
4:00 - 5:00 p.m.	GSIS Executive Board Meeting	Hilton, Alpine East

Thursday, October 20

8:15 a.m. - 12:30 p.m.	GSIS fieldtrip: Great Salt Lake Shorelands Preserve	Shuttle Bus from Salt Palace Convention Center
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GEOSCIENCE INFORMATION SOCIETY BUSINESS MEETING,

9 a.m. - Noon, Monday, October 17, 2005

Hilton Salt Lake City, Seminar Theater room, Salt Lake City, Utah

Preliminary Agenda

- | | |
|--|---|
| <ul style="list-style-type: none"> A. Call to order –Linda Musser <ul style="list-style-type: none"> 1. Approval of the agenda 2. Approval of the minutes of the 2004 Business Meeting B. Announcements and Introductions <ul style="list-style-type: none"> 1. Introduction of new officers – Linda Musser 2. Introduction of new members and first time attendees 3. Introduction of recipient of Professional Development Fund sponsorship 4. Conference announcements – Adonna Fleming <ul style="list-style-type: none"> i. Acknowledgement of sponsors ii. GSIS booth signup sheets iii. other 5. Call for volunteers for committee, officer, representative positions 6. AGI Nominations for 2006 – call for input 7. 40th anniversary of GSIS – call for ideas | <ul style="list-style-type: none"> 8. Circulation of attendance sheet 9. Other announcements and introductions C. Updates to annual reports of Officers, Committees, and Representatives <ul style="list-style-type: none"> 1. Executive Board update 2. Other D. Old Business <ul style="list-style-type: none"> 1. GSIS-L (members only list) – is this needed or should it be retired? E. New Business <ul style="list-style-type: none"> 1. Budget – Jane Ingalls 2. Geoscience 101 3. Geologic Guidebooks Database – proposal to broaden scope F. Comments and Suggestions for the Good of the Organization G. Adjournment |
|--|---|

E-RESOURCES FORUM Tentative Schedule
(Any changes or updates will be posted on Geonet)
Saturday, Oct.15th, 3 to 5 pm
Gould Room, Marriott Library, University of Utah

- 3.00 to 3.10 - Welcome and Introductory Remarks
- 3.10 to 3.35 - Sharon Tahirkheli/AGI on GEOREF and other developments
- 3.35 to 4.00 - Don Hemenway/AGI on GSW
- 4.00 to 4.25 - Sharon Tahirkheli/AGI on Earth Science World
- 4.25 to 4.55 - Open Discussion on ERM and Pro-Quest's Thesis & Dissertation
- 4.55 to 5.00 - Wrap-Up

GEOSCIENCE INFORMATION SOCIETY
Minutes from the 2004 Annual Meeting, Denver, CO

**Executive Board Meeting, Sunday, November 7, 2004,
Hyatt Regency Denver, Longs Peak Room**

Present: President, Lura Joseph; Vice President/President Elect, Linda Musser; Treasurer, Jane Ingalls; Past President, Lisa Dunn; Newsletter Editor, Connie Manson; Secretary, Jim O'Donnell.

Not present: Publications Manager, Elizabeth Wallace.

Other attendees: Adonna Fleming (2005 Vice President/President Elect), Angela Gooden (2005 Secretary-Elect), Louise Zipp, Elaine Adams, Dorothy McGarry, Judie Triplehorn, Marie Dvorak, Dena Hanson, Barbara Haner, Michael Noga, Linda Zellmer, Clara McLeod.

The meeting was called to order by President Lura Joseph at 9 am. She welcomed everybody, requested that everyone introduce themselves, and encouraged everybody to sign up for Exhibit shifts.

We worked from Lura's agenda.

Copyright. Connie mentioned that it was not to our members' advantage to publish with us so there is less reason to present at GSA. Linda suggests we have a Task Force on Copyright. Lisa said that any Task Force needs to have a draft to work from. We need the ability to do whatever we want to do with the papers in the Proceedings volumes; Linda mentioned that our Books on Demand license is non-restrictive, so we don't have to worry about that in any of our decisions. Jim mentioned that he wanted there to be a hearing, but that that would mean another year's wait. Lisa said that the Executive Board could figure out what it wants. It was moved that a Short term Task Force on Copyright (Linda Musser, Connie Manson, Lisa Dunn, Dena Hanson) prepare something present at the Business Meeting. That motion was not seconded. Linda Musser had a copy of ALA's copyright statement that can serve as a model.

Core List of Undergraduate Geosciences Books. Linda Zellmer reporting. *Books for College Libraries* is being revised by ALA, and the Core List (whose task force, authorized at last year's Business Meeting, never got formed) has morphed into being a revision of the Geosciences section of that. ALA software development is slowing progress, but

should be in place by March 2005. Somebody wondered if this will replace Bowker's *Best Books for Academic Libraries: College Library Edition*. Linda Zellmer says it will. She and Andrea Twiss-Brooks will co-edit the section. ALA will allow GISIS members to link to the Geosciences section for free. This will be an online-only product.

Committees

– Digital Data: Jim O'Donnell moved to abolish the Digital Data committee, which has been moribund for several years. Lisa Dunn seconded the motion, which passed unanimously.

– Guidebooks Standards Committee has been inactive for several years. Louise Zipp, chair of the Union List of Field Trip Guidebooks Committee, suggested that the responsibilities of the committee might be handled by the Union List Committee, and the joint venture be renamed the Guidebooks Committee. She will consult with the UL Committee at its meeting later on Sunday, and report to the Business Meeting.

Appointments. Lura passed this on to Linda as incoming President. Linda Zellmer is willing to be reappointed to CUAC; Linda will take under advisement.

Membership

– Dues Increase: Linda moved, and Lisa seconded, the following motion: "As mentioned in the June Newsletter, the 2005 dues structure will be, Personal \$55; New Personal (first year) \$45; Retired \$20; Student \$20; Institutional \$100; Sustaining \$135". The motion was passed by acclamation, and will be presented to the Membership for consideration at the Business Meeting.

– Membership drive: Lura wants to run a membership drive next year; There was a lot of discussion about who is and isn't renewing memberships, who and how to recruit new members. The discussion will continue at the Business Meeting.

GeoInfo, Dena Hanson reporting. Our potential Oslo hosts have backed out of their offer; Dena suggests that Sharon Tahirkheli go back to Ian Jackson (British Geological Survey), who expressed interest before the Oslo folks came on board, and see if he's still interested. She also suggested that we might want to see about linking GeoInfo with the International Geological Congress, which would give us

a regular venue. Linda Musser suggested that other groups we might consider getting involved with on this: IAMSLIC (International Assn of Aquatic and Marine Science Libraries and Information Centers) and IATUL (International Assn of Technical University Libraries). Lisa made it clear that she doesn't think a stand-alone meeting is feasible, and that we need to be linked with a large international meeting, so that attendance from members is more likely. Discussion included the thought that an international meeting needs to be internationally controlled, not just spearheaded by GSIS: if there's an interest in an international meeting, it needs to come from outside the U.S. as well as inside.

Distinguished Service Award. Jim indicated that he had suggested such an award, but then didn't follow through. He proposed that the idea be laid to rest.

Sponsored Membership Pool. Applications go to the Secretary, who consults with the Treasurer (is there money?) and the Membership Chair (is sponsorship appropriate?). Lisa Dunn suggested that perhaps all sponsored memberships should be 2 years, which would give folks a chance to get a sense of the Society.

Business Manager. Elizabeth not present, so the topic was skipped.

CUAC. Linda Zellmer asked for assistance from the Society to help fund the establishment of CUAC archives. Other CUAC Societies are being asked for the same support. Jim moved to allocate \$100 to assist in the establishment of CUAC Archives at the University of Illinois Library. Linda Musser seconded. Motion carried.

The question of ongoing CUAC support was raised; will be taken up by the Executive Board in the future.

Linda Zellmer discussed a meeting scheduled for the Library of Congress May 12-13, 2005, a follow-up to The Map Library in Transition held several years ago. CUAC is assisting in organization.

Open Access – deferred until later in the meeting.

Science Fair Award. AGI has solicited sponsorship of Science Fair Awards from the Member Societies. It was agreed that it's not an appropriate use of our money.

USGS Coalition. Lisa described the Coalition: it lobbies on behalf of the existence of the USGS. GSIS is a charter member, but has never contributed any funds to it. She feels we should be supporting it, in however token a fashion. Connie suggested \$100 or \$50 a year; Jim suggested that the Executive Board should build any such contribution into next year's budget. Linda wondered about the Coalition's relationship to AGI's Government Affairs Program (GAP) to which we contribute about \$400 a year. The USGS Coalition was started by David Applegate, formerly head of AGI's Government Affairs Program (GAP).

Open Access. OA will be discussed. Linda and Lisa say that GSIS can take a moderate approach, but that we should take some stance. It will be a topic for discussion at the Professional Issues Forum.

Bylaws Amendment. Ready for consideration at the Business Meeting.

Slogan. Will be introduced for discussion at the Business Meeting.

Awards Luncheons. The new Executive Board needs to address.

Announcements were made, then the meeting was adjourned at 11:45 am.

Respectfully submitted,
Jim O'Donnell, GSIS Secretary

Business Meeting, Tuesday, November 9, 2004

President Lura Joseph called the meeting to order at 2:35 pm.

The first order of business was approving the minutes of the last Annual Business meeting, published in the GSIS Newsletter 206 (February 2004). The minutes were approved.

The Officers introduced themselves: Vice President /President Elect, Linda Musser; Treasurer, Jane Ingalls; Past President, Lisa Dunn; Newsletter Editor, Connie Manson; Secretary, Jim O'Donnell; and, Publications Manager, Elizabeth Wallace.

The Officer Reports were published in the October Newsletter. Updates:

– Treasurer Jane Ingalls announced that her annual report will be in the December Newsletter. The Ansari Certificates of Deposit were consolidated to two 18-month CDs.

– Newsletter Editor Connie Manson made a pitch for contributions to the Newsletter

– Publications Manager Elizabeth Wallace discussed publications sales, and wondered if we could have a backfile sale.

Other announcements:

– GSA Publications Committee. Charlotte Derksen is our representative. The Committee chooses editors for the various GSA Journals, and is involved with the development of Geoscience World. There will be a new electronic-only journal, *Geosphere*

– Lura announced that Julie Hallmark and Mary Krick are retiring.

Old Business:

– Dues Increase: Linda presented a motion from the Executive Board: As mentioned in the June Newsletter, the 2005 dues structure will be, Personal \$55; New Personal (first year) \$45; Retired \$20; Student \$20; Institutional \$100; Sustaining \$135.

Shaun Hardy wondered why new members were indicated as being at \$45, which is what the June Newsletter said. His question was accepted as a friendly amendment. The motion on the dues increase passed unanimously.

– Copyright: The proposed copyright statement was discussed, and it was decided that a set of less-stringent guidelines should be developed. Linda Musser, Connie Manson, Lisa Dunn will do that.

- Core List of Undergraduate Geosciences Books, Linda Zellmer reporting: *Books for College Libraries* is being revised by ALA, and the Core List (whose task force, authorized at last year's Business Meeting, never got formed) has morphed into being a revision of the Geosciences section of that. ALA software development is slowing progress, but should be in place by March 2005. Linda Zellmer says it will replace Bowker's *Books for Academic Libraries*. She and Andrea Twiss-Brooks will co-edit the section. ALA will allow GSIS members to link to the Geosciences section for free. This will be an online-only product.
- Distinguished Service Award. Jim O'Donnell indicated that he had suggested such an award, but then didn't follow through. He proposed that the idea be laid to rest.

New business

- Bylaws amendment: At the instigation of the Secretary, the following bylaws amendment was proposed. 'Amend Article II, Membership to insert 'access to a' before 'membership directory', in accordance with the motion passed at the Seattle Annual Business Meeting.
The motion failed, 8 Yes to 32 no.
- GeoInfo, Dena Hanson reporting. Our potential Oslo hosts have backed out of their offer to host the next GeoInfo. Sharon Tahirkheli will be chatting with Ian Jackson of the British Geological Survey, who had expressed interest before the Oslo folks came on board, and see if he's still interested. She also suggested that we might want to see about linking GeoInfo with the International Geological Congress, which would give us a regular venue. It was further suggested that we seek affiliation with the International Union for Geological Sciences and its Commission for Geoscience Information. Apparently, IUGS is working together with IGS better than before.
- Committee Review. Lura outlined the review of committees that has been going on during the year. At its meeting on November 7, the Executive Board voted to abolish the Digital Data Committee, which has been moribund for several years.
The Guidebook Standards Committee has also been inactive for several years. At the Executive Board meeting, when its abolition was suggested, Louise Zipp, Chair of the Union List of Field Trip Guidebooks Committee, suggested that the committee's responsibilities might be handled by the Union List Committee, and that the joint venture be renamed the Guidebooks Committee. The Union List Committee has since met, and agreed to accept the broader charge, and the new name as well.
- CUAC. The Executive Board has allocated \$100 to support the establishment of CUAC archives at the University of Illinois. Linda Zellmer announced a meeting, cosponsored by CUAC, on 'Cartographic Information in Transition', to be held at the Library of Congress in May of 2005.
- Open Access. This topic is being examined by AGI. Connie Manson announced that, at the Member Societies Council, the bulk of the discussion was on the subject. She said

- that larger society publishers find OA 'terrifying'.
- Slogan. A number of people are interested in developing a slogan for the Society.
- Membership Drive. Lura thinks we need an aggressive membership drive, that there are many potential members out there. Shaun thinks that we need to poll our existing members about the benefits they get, specifically, why do people join/not join? Michael Noga suggested that we need specific quotes regarding the positives of membership. Barbara Haner suggested revisiting Connie Wick's old membership questionnaire from the early 90's. It was also stated that we need pithier statements as factoids for the membership brochure. Connie Manson is Membership committee chair and is polling regional librarians. There is a lot of energy regarding a membership drive.
 - Annual meeting schedule. Adonna asked about folks' feeling about having the meeting begin on Saturday at some off-site location that would allow non-members to attend GSIS-sponsored events without having to pay \$300 to do so. These events could include an e-resources forum and mentoring lunches. Barbara Cox, of the University of Utah is interested in hosting an e-resources event next year in Salt Lake City. Suzanne Larsen suggested that this could be a half day.
 - Task Force on Citation of Geoscience Data. Linda announced that she has been getting contacted by editors asking for a standard citation style. It was suggested that this might be something for other allied societies (AESE?) to become involved in, with GSIS taking the lead. USGS editors are feeling threatened by everything that's going on at USGS. We should promote the guidelines better. It was decided that we don't want to get too far out there (maybe stepping on USGS editors and AESE), and should mention to the allied societies that we'd be happy to help.

Announcements.

- Jim suggested that the Executive Board needs to consider the dues structure at least every three years, and that it should be in the Business Plan.
 - Richard Keen pointed out that all members serve as mentors to new members.
 - Members were reminded that the GSIS Reception is tonight.
 - Dena mentioned that many geologists have been stopping by the booth and that they are very interested in digitization projects.
 - Lura presented certificates of appreciation for Outstanding Service and Lasting Contributions to Lisa Dunn, Linda Musser, Patricia Yocum, Jane Ingalls, Charlotte Derksen, Margy Walsh (Auditor), Elizabeth Wallace, Connie Manson, Carolyn Laffoon (Geonet Moderator), Diana Baclawski (Photographer), Mary Krick (Archivist) and Jim O'Donnell (who got two, one for Secretary and one for Webmaster).
- Respectfully submitted,
Jim O'Donnell Secretary

ANNUAL REPORTS

Officers

President

One of the first and most important responsibilities of the President is to make appointments to the standing committees. Thanks to the many volunteers, most committees were in place by January. A Distinguished Service Award committee was formed mid-year and will make its first award at the annual meeting. We also gained representatives to two additional geoscience-related organizations this year—the Atmospheric Sciences Librarians International and the Northeast Map Organization.

The revised copyright statement for the GSIS Proceedings was finalized and put into use this year. The 2004 proceedings have been edited, revised, and are ready for printing. In order to enhance the visibility of the GSIS, the tables of contents from past proceedings volumes were added to the GSIS web site. Several authors have granted permission to digitize their past proceedings papers, which will be available on the web site as well.

As the official representative of the GSIS, I attended the AGI Leadership Forum in Washington, DC; corresponded with the AGI International Geosciences Working Group and the IUGS Commission for Geoscience Information; and responded to requests for information and feedback to AGI and GSA on various issues such as open access and legislative priorities. I initiated a discussion with AGI regarding ways for our organization to support the enhancement of *GeoRef*. A great deal of my time was also spent on issues related to changes within the USGS Library system.

Internal activities included reviving the new member bios in the newsletter (now a responsibility of the Membership Committee); creation of a members-only listserv GSIS-L; investigating the desirability of a proxy voting procedure; requesting a review of and updates to the Professional Development Fund and the Sponsored Membership fund application processes; and charging the Treasurer to investigate and provide recommendations about accepting dues payments via UNESCO coupons and a web-based service such as ClickandPledge. Finally, I continue to work with the webmaster, Jim O'Donnell, on getting more information on the GSIS website.

Respectfully submitted,

Linda R. Musser, GSIS President

Auditor

I have reviewed the financial statement and the GSIS books for 2004 and determined that they are correct. Included in the books this year is an addendum, which explains the complicated interest payments for this year.

Respectfully submitted,

Charlotte R.M. Derksen, GSIS Auditor 2004-2005

Listserv Moderator

The use of the Majordomo listserv platform will be discontinued later this fall. Purdue University will be rolling out a different, more up-to-date platform featuring more current options. Considering that the GeoNet listserv is getting spammed approximately 100 times per day, this update will undoubtedly be a great timesaver for the listserv moderator.

Geonet currently has 270 subscribers. The following is the breakdown: .edu - 146, .gov - 25; .com & .net - 31; .org - 11; foreign - 65; other - 5.

The difference in the totals is that some have two designations, i.e., foreign and government, etc.

Respectfully submitted,

Carolyn J. Laffoon, GeoNet moderator

Newsletter Editor

The GSIS Newsletter continues to provide a forum to report the activities of the society to the members and to serve as a permanent record of those activities. Since the last annual meeting, six issues have been prepared and delivered to the members and subscribers. Electronic delivery has been successful at reducing printing and postage costs.

Respectfully submitted,

Connie Manson, GSIS Newsletter editor

Publications Manager

The Proceedings of the 39th Meeting of the Geoscience Information Society, November 2004, Denver, Colorado (v.35) is being prepared for publication. The expected publication date is October of this year, with distribution to take place by early November.

Sales since last report (September 16, 2004 through September 15, 2005):

Directory of Geoscience Libraries: North America - 0
GeoInfo V - 1

GIS Proceedings v.26 - 0 *GIS Proceedings v.27 - 1*

GIS Proceedings v.28 - 0 *GIS Proceedings v.29 - 1*

GIS Proceedings v.30 - 1 *GIS Proceedings v.31 - 2*

GIS Proceedings v.32 - 2 *GIS Proceedings v.33 - 1*

GIS Proceedings v.34 - 27

Science Editing & Information Management - 0

Respectfully submitted

Elizabeth Wallace, GSIS Publications Manager

Publicity Officer

Press releases were issued during the year announcing the Society's new Distinguished Service Award, a call for papers for the 2005 meeting, and our forthcoming "Geoscience Librarianship 101" seminar. All releases are archived on the Society's web site.

Respectfully submitted,

Shaun J. Hardy, GSIS Publicity Officer

Webmaster

Besides regular maintenance, I created a web page for the Proceedings, which includes a table of contents for each issue. This page (<http://www.geoinfo.org/Proceedings/Proceedings.html>) will be the basis for our online archive of papers, which will be populated by author-scanned copies of papers, and linked from the table of contents.

I also loaded pages for the Annual Meeting created by the Vice-President.

Respectfully submitted,
Jim O'Donnell, GSIS Webmaster

Representatives

American Geological Society Member Society Council

The AGI Member Society Council meets twice annually, at the spring AAPG and fall GSA annual meetings. I attended the 2004 fall meeting, and submitted GSIS activity summaries for both of those 2004 meetings and for the fall 2005 meeting..

Respectfully submitted,
Connie Manson, GSIS representative

Cartographic Users Advisory Council

Instead of organizing a meeting with representatives of Federal agencies this year, the Cartographic Users Advisory Council organized a national conference, *Map and Geographic Information Collections in Transition*, which was held May 12-13, 2005 at the Library of Congress. Conference speakers included representatives from Federal agencies, libraries, academia and the private sector. Many of the speakers discussed changes that will occur as a result of technological innovations in cartography at local, state and federal levels. The conference agenda and the Power-Point presentations from the conference are available on the CUAC web site (<http://cuac.wustl.edu/cuac.htm>). We are working on having the conference presentations transcribed and hope to publish the presentations online in the future.

In addition to planning, organizing and presenting the conference, CUAC responded to several issues this year, including the possibility of limiting FOIA access to high-resolution satellite imagery, the Government Printing Office's digitization and preservation initiatives, which includes plans for a collection of last resort, as the plan did not include much about maps and spatial data, and the National Geospatial Intelligence Agency's plans to curtail public access and sale of certain aeronautical charts. We also held a teleconference with Mark Schultz, Director, NGA Corporate Relations Office and Jim Mohan, NGA Corporate Relations Office about their proposal to curtail aeronautical chart public access and sale. At that meeting, the participating librarians discussed how these charts are used in libraries and the issues related to public access to these charts, which are largely related to copyright of foreign data. NGA has not yet announced their final decision on their proposal.

The CUAC meeting next year will be held May 4-5, 2006 at the National Geospatial Intelligence Agency in Be-

thesda, Maryland.

Respectfully submitted
Clara McLeod and Linda Zellmer, GSIS Representatives

Northeast Map Organization

The annual meeting of the Northeast Map Organization (NEMO) was held at Massachusetts College of Art in Boston, Massachusetts on Thursday and Friday, June 2-3, 2005. Approximately 20 people met for four, 60- to 90-minute talks, a dinner and a breakfast/business meeting.

The talks were given by:

- 1) Janet Fairbairn, Design Department, University of Massachusetts, Boston, Titled: "Developing the Lloyd State Park Guide – a competitive team project." Janet discussed a class project which required her class of college juniors to compete with one another to create a brochure with a map of an Audubon Wildlife Sanctuary. Students used Photoshop to create the brochures/maps. The final outcome was a brochure/map created by the winning student, which is now in use at Allens Pond Wildlife Sanctuary in Southeastern Massachusetts.
- 2) Mark Jacquith, private title searcher, Titled: "Maps as Tools for Title Searching." Mark discussed the challenges of the title searcher, citing the used of very old print maps associated with deeds, tax assessors maps, maps of annexations (1804-1912), County ward, street, Sanborne, USGS topographic, antique, city/town, and department of highways maps, in addition to city, town and state GIS maps.
- 3) Dr. Ronald Grim, Curator of Maps, Norman B. Leventhal Map Center, Boston Public Library, Titled: "Mapping the Lewis and Clark Bicentennial." Ronald discussed the country-wide efforts to create map exhibits to celebrate the Lewis and Clark Bicentennial.
- 4) Christian Jacqz, Director, MassGIS, Titled: "Massachusetts' Participation in The United States Map." Christian discussed the Open GIS Consortium (OGC) protocols he and his staff are using to create the MassGIS map viewer called OLIVER. (Available for public use on the MassGIS website <http://www.mass.gov/mgis/>) Christian also discussed the efforts of MassGIS to create disaggregated layers for use in the National Map. (<http://nationalmap.gov/>)

At the Business Meeting Joanne Perry lead a discussion of future meeting time and place, structure, content and membership. The group will be lead in 2005-2006 by Paige Gibbs (Captain and First Mate), Heather Hoffman (Treasurer), and Thelma Thompson (Secretary). Anne Graham and Nancy Soderberg will work with Paige Gibbs on the meeting committee.

Action items arising from the meeting, as reported by the Secretary are:

1. Current members should send names of other possible members to David Beruca (dbertuca@buffalo.edu).
2. David Bertuca will send out a survey of needs and meeting preferences to an expanded mailing list.
3. The meeting committee will work with the survey results and the ideas generated in the 2005 NEMO Annual Business

meeting to plan the 2006 meeting.

4. CUAC attendees will send David Bertuca information for the newsletter, as will volunteers who summarize 2005 NEMO presentations.

Respectfully submitted,
Anne Graham, GSIS Representative

GeoRef Advisory Committee

The GeoRef Advisory Committee met on May 13, 2005 at AGI headquarters in Alexandria, Virginia. In attendance were Jim O'Donnell, Shaun Hardy, Afifa Kechrid, Suzanne Larsen (presiding), Sharon Tahirkheli, and Kay Yost. Dennis Trombatore participated via teleconference for part of the meeting.

Pricing. GeoRef pricing for non-profit organizations and government agencies went to a full tier structure in 2004, parallel to that already in place for academic and commercial subscribers. Libraries should check with their vendors to determine the impact of the new model on their actual subscription/license costs.

BIG. Production of GeoRef's print counterpart, the venerable *Bibliography and Index of Geology*, will cease at the end of 2005. The demand for the product and diminishing revenue stream no longer justify its continuation. AGI will notify the remaining print-only subscribers and will ask all GeoRef vendors to pass along substantial pricing incentives to assist customers in migrating to GeoRef access.

ImageBank. GeoRef staff continue to enhance the Earth Science World ImageBank (<http://www.earthscienceworld.org/imagebank>)—an online collection of high-quality earth science photographs. Launched by AGI in 2003 as a service to the public, educators, and the geoscience community, the ImageBank now contains 5000 fully-indexed and searchable images of geological features and phenomena. Screen-resolution versions are available free; photo-quality views and commercial usage are subject to prepaid fees.

GSW. GeoScienceWorld was launched in March, and customers now have the option of subscribing to GeoRef as part of GSW or maintaining separate subscriptions through their traditional vendors (in which case they will also be able to search GeoRef on GSW). Search/display problems are being de-bugged. Updates and corrections are loaded on the GSW implementation of GeoRef every week. Reload and correction frequency among other vendors varies greatly, from weeks to years. Sharon T. is encouraging all vendors to reload at least once a year.

AusGeoRef. An Australian-focused subset of the GeoRef database has been up and running as a paid subscription service since November 2004. Geoscience Australia markets *AusGeoRef* and contributes 3000 new bibliographic records a year to the database.

State survey publications. Connie Manson has completed an exhaustive review of GeoRef's coverage of state survey publications. Results indicate that coverage for print publications is not as complete as expected; the situation with online publications is, predictably, worse. However, as Sharon pointed out, GeoRef historically did not index all

state publications, just those falling within subject scope. Only more recently has the attempt been made to cover everything published.

Maps, open-file reports, and "educational" series are key problem areas. Since some of these are not typically distributed; even getting copies for indexing purposes is problematic. GeoRef staff have begun a systematic "sweep" of state surveys to obtain copies of the missing publications. Some surveys are more responsive than others—and some do not want their informal publications (e.g., OF reports) included in GeoRef at all. GeoRef is considering modifying its procedures to permit indexing of maps from available listings "sight unseen." Efforts will be focused on topics of greatest interest (hydrology, geology, etc.).

Open-access publications. Charlotte Derksen has begun indexing open-access publications for inclusion in GeoRef, focusing on journals from "known, respected publishers" and/or those available online and stable for at least 12 months. So far, there has been little open-access journal publishing in the geosciences.

Document delivery. The GeoRef Document Delivery Service now appears as an option in GeoScienceWorld. Sharon is considering adding ARIEL as a delivery mechanism, but there are copyright considerations. Since most customers are not academic libraries, the demand for ARIEL delivery may not be substantial.

Cold Regions Project. AGI has submitted a proposal for another five years of NSF funding to continue production of the *Antarctic Bibliography* and the *Bibliography on Cold Regions Science and Technology*. [Funding was subsequently received for a six-year project to make these bibliographies freely available on the Web.]

DLESE. GeoRef staff continue to prepare metadata for the Digital Library for Earth System Education, with support from the National Science Foundation. During the upcoming year, AGI will wrap up its cataloging effort for this project.

USGS. The committee concluded with an extended discussion of the USGS library situation and its potential impact on GeoRef. The Survey libraries have long been a primary resource for GeoRef's indexers. Since the USGS cutbacks of the 1990s, GeoRef has increasingly been shifting its reliance to other information sources. Still, much of the "grey literature," conference proceedings, field trip guides, and foreign literature available in the USGS libraries is being collected almost nowhere else. AGI is actively pursuing dialog with key Survey administrators about the future of the library collections.

The USGS Publications Database, which had been maintained in recent years by AGI under contract to the USGS, was taken offline this spring, owing to the non-renewal of the contract. The Survey's "Publications Warehouse" now serves as the primary bibliographic access tool to USGS publications.

The Committee's next meeting will be on October 14 in Salt Lake City. GSIS members having questions or concerns regarding GeoRef are welcome to contact me (hardy@dtm.ciw.edu) beforehand.

Respectfully submitted,
Shaun J. Hardy, GSIS Representative

Western Association of Map Libraries (WAML)

The next WAML conference will be held in beautiful Vancouver, B.C. Canada, May 10-13, 2006. Tim Ross, University of British Columbia librarian, will host the meeting. The Fall, 2006 meeting will be held at the University of Northern Arizona in Flagstaff, Arizona. Janet Collins is preparing a program of speakers from the Grand Canyon area.

WAML plans to post digital map scanning projects for the western region on its web page: <http://www.waml.org/>.

WAML is requesting volunteers for a California region map editor for the "Information Bulletin". Since California is such a large state, it is feasible to split up the job by region or subject.

Respectfully submitted,
Wendie Helms, GSIS representative

Committees

Best Paper

The GSIS Best Paper Award for 2005 goes to Michael Noga for his paper, "Conference Proceedings in Geoscience Journals: What's the Use?" The paper was published in the Proceedings of the GSIS annual conference (vol. 34, p. 19-39) in 2004. Noga is the Earth and Planetary Sciences Librarian, Collection Manager for Science, and Applied Mathematics and Mathematics Librarian at MIT.

Noga was notified of winning the award on July 29 and responded with delight and thanks. It is anticipated that he will be present at the GSIS luncheon on Oct. 18 to receive his award personally.

The chair wishes to thank all the committee members for their hard work and dedication in selecting the Best Paper. Committee members were Thelma Thompson, Leo Clougherty, Judie Triplehorn and Carol Larussa.

Respectfully submitted,
Renee Davis, Chair

The GSIS Mary B. Ansari Best Reference Work Committee

The GSIS Mary B. Ansari Best Reference Work Committee nominated 24 reference works for evaluation in 2005 including:

- *Atlas of the World's Deserts*
- *Cambridge Encyclopedia of Meteorites*
- *Dinosaurs: the Encyclopedia: Supplement 3*
- *Dinosaurus: the complete guide to dinosaurs*
- *Earth (Smithsonian Institution Earth)*
- *Encyclopedia of Atmospheric Sciences*
- *Encyclopedia of Caves (Culver and White)*
- *Encyclopedia of Caves and Karst Science (Goudie)*
- *Encyclopedia of Earth Science (Kusky)*
- *Encyclopedia of Evolution (Pagel)*
- *Encyclopedia of Geology (Selley et al.)*
- *Encyclopedia of Geomorphology*

- *Encyclopedia of Global Change*
- *Encyclopedia of Prehistory*
- *Encyclopedia of Sediments and Sedimentary Rocks*
- *Encyclopedia of Soil Science*
- *Geology of National Parks*
- *Handbook of Mineralogy*
- *Handbook of Rock Analysis*
- *Handbook of Weather, Climate and Water...*
- *International Handbook of Earthquake & Engineering Seismology*
- *Manual of Geospatial Science and Technology*
- *Minerals of the World*
- *Paleolimnology: the History and Evolution of Lake Systems*

Committee Members who nominated and evaluated these titles were: John Hunter (Rice University), Janice Jaguszewski (University of Minnesota, Minneapolis), Ed Lener (Virginia Tech), April Love (University of Utah, Salt Lake City), Linda Newman (University of Nevada, Reno), Michael Noga (MIT), Sally Scott (University of Wyoming), Charles "Wil" Weston (University of New Orleans), Thomas Zogg (University of Minnesota, Duluth), Janice Norris, Chair, (Penn State University, DuBois).

The Committee selected the *Encyclopedia of Atmospheric Sciences* by James R. Holton, editor-in-chief, published by Academic Press, as the recipient of the 2005 Mary B. Ansari Best Reference Work Award.

Respectfully submitted,
Janice Norris, Chair

Best Website Award (report of the Website Advisory Committee)

This year, the Website Advisory Committee consists of: Carolyn J. Laffoon, Lee Regan, Suzanne Larsen, and Janice Sorensen. Receiving only a few nominations, the decision was made to resubmit last year's 28 nominees. After considerable discussion, we decided there were two outstanding websites. We decided to give two awards this year, one for academic and one for the general public.

The best academic site award went to the *Paleontology Portal* at <http://www.paleoportals.org/>.

The best general public website award is *Volcano World* at <http://volcano.und.nodak.edu>

We are honored that both winners will be sending representatives to accept the awards at the GSIS awards luncheon.

Respectfully submitted,
Carolyn J. Laffoon, chair

Collection Development Issues Committee

In the spring, the Committee asked the membership for ideas on collection development issues that concerned them. The feedback and other developments were used to develop topics for the Collection Development Issues Forum at the Salt Lake City meeting. The Forum will consider: 1) Comments on GeoScienceWorld; 2) the JSTOR survey on new

subjects; 3) the cancellation of paper copies of journals and reliance on the electronic format; 3) how faculty keep up with the literature in the electronic environment; and 4) the impact of changes at the U.S. Geological Survey Library on holdings of geoscience literature. There will be a discussion of whether GSIS should investigate dividing up responsibility for various subjects and places to make up for cutbacks at the USGS. The goal would not be a specific list of journals, but a looser subject/geographic agreement.

Respectfully submitted,
Michael M. Noga, Chair

E-Resources Committee

This year our members include: Amy Butros (Scripps at UC San Diego), Li-Mei Chen (Institute of Earth Sciences, Academia Sinica, Taipei), Janet Dixon (University of Arkansas), Lisa Fish (Lamont Doherty at Columbia), Caryl Shields (USGS-Denver; resigned from committee), and Diane Baclawski (Michigan State University).

In addition to planning for the annual E-Resources Forum, Linda asked the committee to consider whether the E-Resources Forum should continue as a function of this committee or whether it should be an independent opportunity for a GSIS member.

The general consensus of opinion was that any GSIS member wishing to contribute to the E-Resources Forum would be welcome on the Committee, but the Committee would like to retain some responsibility for the Forum, unless the Board wishes to make changes.

At present, the schedule for the E-Resources Forum is as follows:

E-Resources--Saturday, Oct. 15th, 3 to 5 pm, Gould Room, Marriott Library, University of Utah

- 3.00 to 3.10 - Welcome and Introductory Remarks
- 3.10 to 3.35 - Sharon Tahirkheli/AGI on GeoRef and other developments
- 3.35 to 4.00 - Don Hemenway/AGI on GSW
- 4.00 to 4.25 - Sharon Tahirkheli/AGI on Earth Science World
- 4.25 to 4.55 - Open Discussion on ERM and Pro-Quest's Thesis & Dissertation
- 4.55 to 5.00 - Wrap-Up

Unfortunately, some of the other tentatively scheduled speakers could not make the session.

Respectfully submitted,
Diane Baclawski, Chair

Guidebooks

The Committee membership consisted of Lura Joseph, Carl Olson, Brenda Graff, Ann Hubble, Claren Kidd, Dana Mastroianni, Dorothy McGarry, Barbara Haner, Carol Mesick, Caryl Shields, Chestalene Pintozzi, Deborah Rhue, Lin Rose, and Louise Zipp (Chair).

The "Union List" Committee was redefined to include the responsibilities of the dormant Guidebook Standards

Committee. The Committee was renamed the Guidebook Committee. The Operational Guidelines have not yet been re-written.

A subcommittee revised the Guidebook Guidelines and a different subcommittee applied them to guidebooks published from 2001 to 2003. The Best Guidebook Award for 2005 will honor: *Geologic excursions in the California deserts and adjacent Transverse Ranges: fieldtrip guidebook and volume prepared for the joint meeting of the Cordilleran Section--GSA and Pacific Section--AAPG, April 9-11, 2001, Universal City, California, fieldtrips 1-4*, George C. Dunne, compiler and John Cooper, Managing Editor. Many thanks to Claren Kidd for heading up these two activities and for making the award presentation at the 2005 Annual Meeting.

A subcommittee began to disseminate the revised Guidebook standards to organizations planning field trips. Another subcommittee began to analyze assigned series to look for gaps in the database (<http://www.agiweb.org/georef/onlinedb/gnaintro.html>).

The database has for sometime included field trip guidebooks that lack road logs. The Committee members agreed to waive the road log requirement for their work and accepted the following criteria:

1. includes a road log, or
2. includes enough information in some form that a reader can locate sites and outcrops, or
3. is a work that has been used on a field trip, or
4. is self-designated as a guidebook by authors or editors.

The Guidebook Guidelines will continue to recommend inclusion of a road log.

A proposal exists to open the database, and thus the Committee's responsibilities, to guidebooks outside North America. There will be further discussion at the Annual meeting.

Some Committee members assisted AGI by checking database holdings on older guidebook surrogates that had been forwarded to Sharon Tahirkheli.

After a short residence at SUNY Geneseo, the waiting list is again hosted by Lura Joseph at the University of Illinois. The Waiting List can be found at <http://www.library.uiuc.edu/gex/gis/GuidebookWL.html>, and the submission form is now at <http://www.library.uiuc.edu/gex/gis/GuidebkForm.html>. Lura also created an online list of "Tools for Updating the Database" (<http://www.library.uiuc.edu/gex/gis/unionlistcatalogs.html>). Many thanks to Lura Joseph.

This Committee was dogged by workload and other "staffing" issues. We lost all the USGS Library members to either the mass retirements in the Spring or the workload effects on the remaining librarians. As Chair, I had workload issues of my own, and I found that coordinating a committee of this size and diversity was somewhat like trying to ease jello out of its bowl and balance the jello in one hand. For the near future, we need to have a stronger subcommittee

infrastructure with 4-5 person units, which can operate on a much more effective scale.

Respectfully submitted,
Louise S. Zipp, Chair

International Initiatives Committee Fellowship Program

To date, the committee has facilitated the visit of two International Fellows. At this time, there is no plan to bring in a fellow in the next year or so, but we will continue to concentrate on raising enough money to do so in the future.

We agree that it is important to continue with the International Fellowship program, and to that end, continue to search for funding to support our next fellow. We estimate the expense of bringing a fellow to the United States, providing living expenses, registration for the GSA / GSIS annual meeting, etc. to be about \$6000.

We agree that it is time to once again begin looking for corporate donations, and will work out a strategy for this effort during the coming year.

We also agree that we are willing to have the fellow or the fellow's institution pay a portion of the expense (airline ticket for example) even if that means that our fellow is not necessarily from a developing country.

We will continue the Silent Auction held at the annual meeting for this purpose (raising approximately \$600 - \$700 each year during the three years of its existence). We intend to hold another Silent Auction at the 2005 Annual Meeting in Salt Lake City.

GeoInfo VII

To date, we are still in limbo on this issue. Sharon Tahirkheli and Barbara Haner continued their efforts to contact members of the IUGS Commission for the Management and Application of Geoscience Information (find them at http://www.bgs.ac.uk/cgi_web/welcome.html) about their support and ideas for hosting the next GeoInfo meeting. So far, this has been a difficult process but they are persevering. My sense is that most of the committee would prefer to exhaust this effort before we turn our efforts to joining forces with other organizations in an international meeting effort that might not provide the kinds of emphasis and opportunities for our own members that we'd like. We'll reassess this with the start of the next GSIS fiscal session.

International Membership

The committee would like to see a greater international membership in GSIS, and have some ideas that might help foster this. But it is also recognized that as long as GSIS insists on dues payments in U.S. currency or from a U.S. bank, the logistics and expense of paying for a foreign membership are prohibitive.

Respectfully submitted,
Dena Hanson (Chair), Claren Kidd, Sharon Tahirkheli, Elaine Clement, Joanne Lerud-Heck, Julia Triplehorn,

Barbara Haner, Pauline MacDonald, Margy Walsh, Independencia Isledh, Dorothy McGarry

Membership Committee

Since the mid-year report, six more members have joined GSIS, one each from NC, PA, SD, VA, WA, and Pakistan. The Committee will meet in Salt Lake City to review the 2005 activities and to plan for 2006.

Respectfully submitted,
Connie Manson, co-Chair

Nominating Committee

For the 2005 elections, the Nominating Committee identified candidates for the positions of Vice-President/President Elect and Treasurer. The Committee distributed, collected, and tallied ballots from the membership, and presented the GSIS Executive Board with the results. The GSIS membership elected Patricia Yocum as next Vice-President/President Elect, and Renee Davis as next Treasurer.

I would like to thank the Nominating Committee members (Clara McLeod and Angela Gooden), the candidates, the Executive Board, and the GSIS members for their support and participation.

Respectfully submitted,
Lura Joseph, Chair

Preservation Committee

This year, our members include: Richard Keen (Pennsylvania Bureau of Topographic & Geologic Survey), Pauline MacDonald (Earth Sciences Information Centre, Canada), Theresa Mullins (NSIDC/CIRES, Boulder; resigned from committee), Mary Scott (Ohio State University), Thelma Thompson (University of New Hampshire), and Diane Baclawski (Michigan State University).

Linda Musser asked the Preservation Committee to provide feedback about the GSA Geology and Public Policy Committee's proposed statement on data preservation by the end of August. Several members of the committee responded and a statement of support was forwarded to Linda.

The Preservation Committee began work on the annual forum over the summer. The Committee announced a request for ideas mid-summer from the GSIS membership and several good suggestions were forwarded for consideration.

The 2005 Preservation Forum will focus on two themes, each taking about one hour. The first hour will be devoted to LOCKSS and institutional repositories, with contributions from Mary Scott, Andrea Twiss-Brooks, and Richard Keen. The second hour will be devoted to a discussion of the preservation/digitization of maps and charts from theses and dissertations, with contributions from Sally Scott and Linda Musser.

Respectfully submitted
Diane Baclawski, Chair

GEOSCIENCE INFORMATION NEWS

Synthetic Aperture Radar, and, News from the Atmospheric Science Librarians International

reported by Judie Triplehorn

The Alaska Satellite Facility in conjunction with the Geophysical Institute's Mather Library has developed the Synthetic Aperture Radar (SAR) - Applications and Techniques Bibliography, available at <http://asfbd.asf.alaska.edu>. This online resource serves as a comprehensive one-stop-shop for citations to peer-reviewed papers, edited papers, proceedings, abstracts, dissertations and texts that describe applications of SAR instrument applications and techniques. References have been gathered from more than 40 online indexes. At present the bibliography includes citations from publication years 1999-2004.

Atmospheric Science Librarians International (ASLI) are looking for the Best Book in Atmospheric Science for 2005. Please check out the nomination form at their website. The award will be presented at the American Meteorological Society (AMS) meeting in Atlanta in January 29 - Feb. 2.

The Atmospheric Science Librarians International (ASLI) will be holding their annual meeting in conjunction

with the American Meteorological Society (AMS) in Atlanta, January 29 - Feb. 2. There will be a field trip on Friday following the conference. Plans are to visit three scientific libraries in the area. For further detail, please contact Judie Triplehorn, gilibrary@gi.alaska.edu.

Consortial E-resource Finder, Gold Rush

reported by Lisa Dunn, Colorado School of Mines

I've been feeding geoscience open access journals into our consortial e-resource finder, Gold Rush. Gold Rush is itself open access; you can search for titles individually in Gold Rush (goldrush.coalliance.org), or get a title list by searching under "database title" for "geoscience open access".

If you go through the list and see that I've missed some, please let me know. We require an ISSN and there are some other collection development rules (stability, content, etc.) but I'd be happy to get suggestions. (I'm sending in an updated list now, so you may see new titles appear in the next week or so.)

NEW MEMBERS

Carol Deering
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Attn: Library
Mundt Federal Building
Sioux Falls, SD 57198
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605-594-2611

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DEVELOPING A GEOSCIENCE LIBRARY FOR THE 21ST CENTURY

by Linda Zellmer, Indiana University

What resources should libraries provide to undergraduate earth science students in the 21st century? The Geoscience Information Society is working to try and answer this question.

In late 1988, the American Library Association published *Books for College Libraries*, a selective list of about 50,000 books related to all subjects that were recommended for library collections of 4-year undergraduate colleges and universities. The Geology section of this reference work, which librarians use to evaluate their collections and identify books that they might want to purchase, contained 425 books published between 1901 and 1989 (<http://mypage.iu.edu/~lzellmer/bclgeol.html>).

Needless to say, a lot has changed since this bibliography was published in the late 1980s. Most of the titles included in *Books for College Libraries* are out of print, although some are available in new editions or are available through out-of-print book dealers. While the titles recommended contained a few books related to plate tectonics, many of the titles on the list mentioned plate tectonics only in passing. The list also did not include any books on meteorite impacts and their effects, and only one book questioned whether dinosaurs might be warm-blooded.

The Association of College and Research Libraries, a section of the American Library Association, is working on an update for *Books for College Libraries*, which will be renamed *Resources for College Libraries* as it will include books, electronic resources and web sites. Two members of the Geoscience Information Society, Andrea Twiss-Brooks, Bibliographer for Chemistry, Physics, Geophysical Sciences, and Technology, University of Chicago, and Linda Zellmer, Head, Geology Library, Indiana University, are co-editing the geosciences portion of the revised reference work. The geosciences portion of the list will include materials related to geology, mining and mineral resources and physical geography. A complete taxonomy of the subjects that will be covered is given below and is also available at <http://mypage.iu.edu/~lzellmer/taxonomy.html>.

Resources for College Libraries will be a selective list of core titles including books, electronic reference works and web sites which would be useful for students and faculty at undergraduate colleges and universities. If you would like to volunteer to serve as a bibliographer and evaluate possible titles for inclusion in this new reference work, or would like to suggest that a title to be included, please contact Linda Zellmer (lzellmer@indiana.edu) or Andrea Twiss-Brooks (atbrooks@uchicago.edu).

Taxonomy of subjects to be included in *Resources for College Libraries*

General Geology/Physical Geography	– Geomorphology	– Oceans
– Reference Works	– Caves	– Polar regions
– History, Biography, Directories	– Glaciers and Glacial Geology	– Planets and Extraterrestrial Geology
– General Works		
– Geology Study and Teaching (could put this in special topics)	Meteorology, Climatology	Mineralogy
		– Reference. General Works.
Geology - Special Topics	Hydrology, Hydrogeology	– Descriptive and Determinative Mineralogy (Methods of Mineral Analysis)
– Computer Applications	– Surficial hydrogeology (rivers, lakes, streams, etc.)	– Crystallography (of Minerals)
– Statistics	– Groundwater/aquifer	
– Mathematical Geology		
– Urban Geology	Marine Geology/Oceanography	Igneous Rocks
– Field Geology	– Chemical Oceanography	– Volcanoes/Volcanism
– Remote Sensing (Satellite Applications)	– Physical Oceanography	– Intrusion
– Engineering Geology	– Waves and Currents	
– Natural Hazards	– Marine resources (may go in TN/Economic geology)	Sedimentary Rocks, Sedimentation, Sedimentology, Sedimentary Processes
		– Weathering
Geologic Maps and Mapping (reference materials on interpretation, preparation and sources that can be used for their purchase)	Regional Geology	– Erosion
	– North America	– Deposition
	– Central America	– Sedimentary Structures
	– South America	
	– Europe	
Environmental Geology	– Asia	Metamorphic Rocks and Processes (Metamorphism)
	– Africa	
Surficial Geology	– Australasia	

Geochemistry
– Environmental geochemistry

Structural Geology
– General Works
– Earth Structure
– Plate Tectonics
– Earthquakes
– Seismology

Geophysics

Historical Geology
– History of the Earth
– Paleoclimatology
– Paleogeography

Stratigraphy
– General Works
– Geologic Time
– Stratigraphic Units and Sequences

Paleontology
– Reference, General Works
– Invertebrate Paleontology
– Vertebrate Paleontology
– Dinosaurs
– Mammals
– Other
– Micropaleontology
– Paleobotany
– Paleoecology
– Extinction Theories

Economic Geology and Mineral Resources
– Ore (Metallic Mineral) Deposits
– Non-Metallic Resource Deposits
– Coal, Peat, Natural Carbons, Oil Shales
– Petroleum Geology
– Salt Deposits
– Building Stone
– Aggregates
– Gemology
– Energy

JOB ANNOUNCEMENT

Institution Archivist/Records Manager, Oceanographic Institution, Woods Hole, MA

Primary functions include appraising, describing, classifying, arranging and preserving print and electronic materials in the institutional archive and records management program of the Woods Hole Oceanographic Institution. Archival Duties include: processing and cataloguing accessions including data; preparing finding aids and Electronic Archi-

val Descriptions (EADs); providing reference assistance; and retrieving items from the collection for patrons. Records Manager Duties include: developing and promoting policies and procedures to implement an institutional records management program based on Skupsky's Retention Manager system and applicable state/federal/international laws.

Additional information is available at <http://jobs.who.edu/cgi-bin/user/funcer?engand15and322->

GSIS PUBLICATIONS LIST

Proceedings of the Annual GSIS Meetings (ISSN 0072-1409) \$45.00 each; standing orders are \$45.00/ year. (Proceedings volumes 1 through 25 are out of print and available from: Out-of-print Books on Demand, University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, MI 48106.)

- v. 34, 2003 *Geoscience Information Horizons: Challenges, Choices, and Decisions*, ed. By L. E. Joseph. (ISBN 0-934485-36-4)
- v. 33, 2002 *New Heights in Geoscience Information: Access and Technology*, ed. by L. G. Dunn. (ISBN 0-934485-35-0)
- v. 32, 2001 *Geoscience Information: A Dynamic Odyssey*, ed. by M. M. Noga. (ISBN 0-934485-34-8)
- v. 31, 2000 *Electronic Information Summit: New Developments and their Impacts*, ed. by S. N. Tahirkheli. (ISBN 0-934485-33-X)
- v. 30, 2000 *Communication Divides: Perspectives on Supporting Information Bridges in the Geosciences*, ed. by Lois Heiser, (ISBN 0-934485-32-1)
- v. 29, 1999 *Accreting the Continent's Collections*, ed. by C. R. M. Derksen and C. J. Manson, (ISBN 0-934485-31-3)
- v. 28, 1998 *The Costs and Values of Geoscience Information*, ed. by C. J. Manson. (ISBN 0-934485-29-1)
- v. 27, 1997 *Expanding Boundaries: Geoscience Information for Earth System Science*, ed. by B. J. DeFelice. (ISBN 0-934485-23-2)
- v. 26, 1996 *Crossing the Bridge to the Future: Managing Geoscience Information in the Next Decade*, ed. by N. L. Blair. (ISBN 0-934485-26-7)

Proceedings of the International Geoscience Information Conferences

- 6th, 1998 *Science Editing and Information Management*, Proceedings of the Second International AESE/CBE/ EASE Joint Meeting, Sixth International Conference on Geoscience Information, and Thirty-second Annual Meeting, Association of Earth Science Editors, ed. by C. J. Manson. (ISBN 0-934485-30-5) \$ 25.00
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