



GEOSCIENCE
INFORMATION
SOCIETY

newsletter

Number 235, December 2008/February 2009

Contents

President's Column.....	1	Treasurer Year-End Report.....	19
Vice-President's Column.....	3	New Members.....	21
Annual Business Meeting Minutes.....	3	This & That.....	22
Annual Reports (<i>committees, representative</i>)	10	Geoscience Journal Price Review.....	23
Call for Papers GSIS/GSA 2009.....	18	Literature Reviews.....	28

PRESIDENT'S COLUMN by **Rusty Kimball**

I am amused how certain buzz-words and phrases enter our cultural dialog --as often reflected in advertising and in our conversations. In the vein of looking at things in a different way, a phrase that is still in the vernacular is to "think out of the box". The late George Carlin had a lot of fun with the idiosyncrasies of the English language and figures of speech in his stand-up routines. I suppose I tend to be amused by this kind of thing myself. About the "think out of the box" phrase, for example. This is intended to mean something along the lines of novel thinking, looking at things in a non-standard way, right? Then why are things that are run of the mill, stock, standard issue, etc. also referred to as "out of the box"? I mean, these phrases

have pretty much opposite meanings, right? Well, I believe in this case there was a certain evolution to this idea, so bear with me as I run through it as I observed it. First of all, the term box is a three dimensional term. In this case we might picture a corrugated cardboard box. However, I believe the origins of this phrase began in two dimensional terms. Remember the thing with "staying within the lines"? If you are a rule follower, you stay within the lines -- perhaps analagous to a drawing in a coloring book (two dimensional). So if you're a non-conformist or a rule breaker, you dare to draw "outside the lines". This analogy seems to have then evolved to concern a simple two dimensional shape --a box. (Oops, that's a three dimensional shape. That should be square. But do you put your 'X' or check mark in a square or a box?) Hence the phrase originally was to "think outside

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GSIS members are encouraged to contribute materials for publication. Material for the April, 2009 issue should be received no later than March 27, 2009. Please send materials by e-mail to afleming@unlnotes.unl.edu

the box”. Then somehow it morphed into “think out of the box”. Ah, good old English. Sometimes I pity anyone who tries to learn our language!

As we embark on the new year and reflect on 2008, I find myself thinking about the need to look at old problems and situations with a fresh perspective. My experience has been that often I have found a solution to a problem because I was able to question an assumption surrounding it, or simply looked at it from a fresh perspective. This seems especially important to me now as I face new situations in my professional and personal life, just as many of you probably are. ...2009, here we go!

VICE PRESIDENT’S COLUMN

By Jan Heagy

Thanks everyone, for a great 2008 conference in Houston. I am especially grateful to Rusty Kimball, our new President, for his program coordination efforts and to Suzanne Larsen, our Immediate Past President for her leadership over the past two years.

I’m looking forward to planning the 2009 Portland conference. I have already received some interesting program suggestions and look forward to hearing more from the GSIS membership. Please feel free to contact me with your ideas.

2008 BUSINESS MEETING

Held Sunday, October 5, 2008
George R. Brown Convention Center
371E

President Suzanne Larsen called the meeting to order at 9:40am with a new gavel courtesy of Lura Joseph. The agenda was approved. Copies of the minutes from the Denver Business meeting were distributed for review and two corrections noted. The Minutes were approved as corrected.

Introductions of both incumbent and entering officers (Vice President/ President Elect Jan Heagy and Secretary Elaine Adams) were made. There were no new members or first time attendees at the meeting.

Financial report: The Treasurer’s report will be published in the Newsletter as Renee Davis was not present to give the report.

Houston conference reports and announcements (Kimball):

-Due to the unusual schedule brought about by the joint meeting of the larger societies, the GSIS field trip is happening in the middle of the meeting. Heagy announced trip details for those attending the field trip.

-GSIS will implement at this meeting presentation of the awards at the reception and silent auction.

The Reception begins at 6pm on Tuesday evening. Award presentations will begin about 7:15pm.

-Also, this will be the first luncheon featuring a speaker (Sharon Mosher from the University of Texas, Austin).

-We have a number of sponsors for our various events:

*Gemological Society of America – business meeting refreshments and the GSIS booth

*Geological Society of London is sponsoring the Collection Development

Forum

*Knovel and ESRI are sponsoring the E-Resources Forum

*Wiley and ProQuest are sponsoring the reception and silent auction

*University of Houston Library not only provided space for GeoScience 101 but also sponsored lunch for attendees

Kimball will be sending special thank you letters to all our sponsors and asked that members thank the representatives at the various vendor booths in the Exhibit Hall.

-Technical Sessions: Lisa Johnson, our technical program chair, noted that due to the schedule assigned by GSA, our Technical Session will be Wednesday afternoon from 1:30-5:30. The Technical Session topic is "Libraries in Transformation: Exploring Topics of Changing Practices and New Technologies". Lisa noted that the Posters will be up all day this year with the authors available from 4-6pm, overlapping somewhat with the technical session.

-Geoscience 101: Linda Zellmer read an email report from Geoscience 101 organizing chair Andrea Twiss-Brooks. The report noted that there were 22 participants. Presentations included strategy for reference services, collection development best practices, maps and GIS, with an ARC GIS demonstration. The University of Houston provided a computer equipped classroom and lunch for attendees. Wiley provided flash drives loaded with samples and information.

-GSIS Exhibit Booth: Our booth number

this year is 350 and is located between the Internet Café and the GSA booth. The theme is guidebooks and will have information on the various 2008 GSIS awards on display. The booth is sponsored by the Gemological Institute of America whose booth is adjacent. Dona Dirlam noted that this is the first year that GSA has charged associated societies for booth space, and believes GSA will continue the practice in future years.

Committee Updates:

Suzanne Larson reported on the **Executive Board** meeting October 4, 2008 from 6-9pm. Most of the items under discussion form the agenda for this meeting.

Sarah Ziegler Hodkinson, chair of the **Membership Committee**, reported that the five members of the committee sent out a lot of emails focused on recruiting from academic, corporate and state survey libraries. Other emails promoted membership to library students, non-renewing members, and foreign librarians. As a result, we have eight new members, including one from yesterday's Geoscience 101 session and one international librarian.

Adonna Fleming, **Newsletter Editor**, reminded members about submission guidelines for type face and size (Word 2003, Times New Roman 12, borders 1" all around). Tables cannot be more than 6.5 inches by 9 inches. If a table is not in Word and the proper type face, it will be returned to the author for formatting. Also, contribution deadlines are firm so that the newsletter can be

produced on schedule. The deadline for the next issue is October 17. She also reminded committee chairs that Annual Reports are published in the newsletters in the middle and end of the year.

Ellie Clement, **Publications**, announced that v.36 of the society's proceedings was printed and distributed in spring, 2008. Ellie has a printer's quote for the next volume (v.37 from the Philadelphia meeting), and those copies should come out next month. Ellie is organizing the standing orders and members lists and dealing with subscriber claims. As a special project, she is reconciling the publication's ISBN numbers with our list of registered numbers. Shaun Hardy noted that ProQuest has phased out their books on demand publishing, so how might we handle requests for back numbers not in stock? Discussion ensued about alternate "on demand" publishing sources (University of Michigan) and mounting our proceedings on the GSIS website. There is some question about copyright issues. Suzanne suggested a task group explore the issues and prepare a proposal to the membership in general. Ellie will chair the task group, and the Webmaster and Suzanne, as past chair, will complete the group. Lisa Dunn noted that the society has permission to distribute, duplicate stuff starting four years ago. Dunn proposes that we go ahead with posting the proceedings papers to the website and take down any papers if there is an objection. Lisa Johnston suggests we make sure we're compiling electronic files. Ellie says that the task group will contact former editors to see who still has e files and then work

forward. Although no deadline was suggested, the task group will come back with proposal for membership at large.

Larsen noted that the various society **Awards** have all been publicized. This year Jim O'Donnell produced all the award certificates so that they shared the same format and framing. Each award has a box and bubble wrap for safe shipping.

Lura Joseph updated the membership on the status of the **Archives**. We have 17 boxes taking up 13.6 cubic feet of space. There is a finding aid at the University of Illinois Archives website (<http://www.library.uiuc.edu/archives/> and type in "geoscience information society.) Only a minor amount of material was submitted during last year, so officers and chairs are reminded to forward materials to Lura when cleaning out files. Lura noted that we haven't paid anything to University of Illinois at Urbana-Champaign Archives for storing our archives as we set up a deposit account. However, the deposit account is depleted and she is expecting to receive a request for additional funding.

Lura is also asking for a cost estimate to re-organize our entire archives to make them more efficient for retrieval, and will submit a proposal to the executive board. Lura feels that we are losing a lot of our history, especially about members. She would like the Nominating Committee to submit copies of the candidate bios and ballots to Newsletter so this information will make it into archives. And she would like each previous officer to submit their current vita for archives. These

could be sent to Lura or Ann either in paper or as an email attachment. These are voluntary submissions – the length is up to the individual. There were no objections to this proposal voiced from floor. This information will be very helpful in providing background for the distinguished service award.

Lura next reported on the **Guidebooks Committee**: There are 5 members on the committee, but some are not able to be active. There is also a need for more people to be on best guidebook committee. Louise Zipp has put together a spreadsheet of societies in her area for sending out the guidebook guidelines. Given the number of societies in all areas, the committee needs more people to help with this. Lura is working to reduce gaps between databases.

Lura also noted that our own society is one of the worst for having a record of society field trips. She suggests a copy of all leaflets, flyers, and guidebooks (if any) be submitted to archives each year. She has developed a template for a field trip report to be included in proceedings so the event becomes part of our history.

Suzanne, picking up on the template suggestion, recommended that we set up a forms section on GSIS website. The field trip report, reimbursement request forms, and other society business templates and forms would be readily available for member use.

Linda Zellmer reports that she and Andrea Twiss-Brooks are still working on the Earth Sciences section of Resources for College Libraries.

The publisher wants annual updates for the publication and Linda and Andrea have found many changes, especially in the NOAA websites. The updates are reflected only in online version. Linda and Andrea will continue to collect new titles and incorporate them for the online file. If you see anything new or reviews for outstanding stuff, please forward the information on to either Linda or Andrea.

Linda reported that not much changed since her mid-year report on **CUAC** (Cartographic Users Advisory Council). She participated in a webinar on June 10th concerning spatial data and capturing it for preservation. (See CUAC website <http://cuac.wustl.edu> for presentation slides.) CUAC is working on guidelines and will include their findings in a final report. NACIS (North American Cartographic Information Society) looks like they will be out of CUAC as they are not replacing retiring members

Marie Dvorzak urged members to look at the **AGI Government Affairs Program** (GAP) report on *Critical Needs for the 21st Century: The Role of the Geosciences* at <http://www.agiweb.org/gap/trans08.html>. Open access is a major issue for the GAP committee as are data archiving and institutional repositories.

OLD BUSINESS:

Technical Program Chair

– Jody Bales Foote has volunteered to serve as Technical Program Chair for the 2009 conference. Suzanne distributed the draft of a charge to formalize the position of Technical

Program Chair. Having the technical programs arrangements split out from the vice presidency has worked out great as it allows the vice president to focus on fundraising. Lisa Johnson, 2008 Technical Program Chair, recommends that the incoming and outgoing technical program chairs meet in person at the conference, and Lura echoed the value of tagging along with the current technical chair to learn first hand. That being the case, the President should send out a call for volunteers well in advance of the annual meeting, and the position filled before the current meeting.

After a brief discussion the Charge for Technical Program Chair was adopted by a vote of the membership. The charge reads: The Technical Program Chair is a 2 year appointment. The first year will be as Chair for the annual GIS technical program at the Geological Society of America. The Chair will identify the theme for the program in the light of the overall theme for the conference as set by GSA. The Chair will invite speakers and recruit speakers for the technical session and posters for the poster session. The Chair will moderate the technical session at the annual meeting. The second year of the appointment will be Proceedings Editor. The Proceedings Editor will also serve as mentor to the current Technical Program Chair. Previous organizers of the technical program, which was a responsibility of the Vice President prior to 2007, should also be considered as mentors.

Newsletter Co-editor: The job of producing the GIS Newsletter can be overwhelming for one person. There

is precedent for having co-editors, e.g. a managing editor and a copy editor. The co-editor position is appointed, not elected. The President will put out a call in the newsletter and on the geonet-1 discussion list to recruit interested volunteers.

NEW BUSINESS:

Committee structure: Our membership is shrinking but our current committee structure means we are requiring a larger percentage of members than is really feasible to serve on committees. Suzanne proposed that committee size be limited to 2-3 members maximum with exceptions to this limit being made on the basis of work to be done. For instance, the Archives Committee is fine with two members, but the Guidebook Committee needs a larger membership due to the breadth and ongoing nature of its work. General consensus from the meeting floor agreed with limiting most committees to 2-3 members.

Further discussion about committee structure focused on collapsing some committees. For instance, there was general agreement that the subjects covered by the Collection Development and the E-Resources committees were becoming more similar. It was suggested that these committees be combined into one committee, and could possibly need more than three members.

Linda Zellmer, as chair of the E-Resources Committee commented that this year's collection development and e-resources fora have very different suites of speakers. In the proposed

merged committee would there still be two sessions or just one longer session? Suzanne suggested leaving that decision (one versus two sessions) up to the committee members who will determine the content of the program. However, the committee will need to coordinate closely with the conference planner (vice president) to make sure rooms are reserved and other appropriate arrangements are made. Communication is essential. A proposal from the floor suggested that the new merged committee be tried for one year, be named the Information Resources Committee, and have three committee members. The proposal was agreed upon confirming that the committee would determine the number and content of sessions to be presented at the annual conference. Suzanne will check the President's Handbook for committee descriptions and write up a committee description for the new merged structure.

There was a brief discussion about committee chairs being required to attend the annual meeting. It was generally agreed that attendance at the annual meeting is not really a requirement. Linda Musser voiced the group consensus that the work of the committees is more than attending conference and that there is extra value in committee service even if one can't attend annual conference. If a chair is required as a moderator or presenter (e.g. at a session or for an award), however, and is not able to attend the conference, it is their responsibility to designate someone to perform these duties.

Subsidizing cost of abstract submissions: Patricia Yocum proposed

that we subsidize the cost of submitting abstracts for GSIS members. GSA requires a fee when an author submits an abstract for a paper to be presented at one of the annual conference technical sessions. Patricia proposes that if a GSIS member submits an abstract to GSA, they could request reimbursement from GSIS. Some see this as a gesture of support for members who contribute presentations. Others thought it might be additional incentive to younger/newer members to become presenters. Discussion of the proposal included cost projections and funding sources, infrastructure for administering the reimbursements, and parameters (e.g. would this apply to invited speakers?).

Patricia made the following formal motion: That for GSIS members and invited speakers, GSIS reimburses the charge GSA levies on submitting abstracts for the oral and poster sessions GSIS organizes for GSA effective for the 2009 annual meeting. The motion was amended: This is a pilot program for two years and will be re-evaluated for continuance. The amended motion was put to a vote and passed unanimously. Although not part of the formal motion, it was agreed that it is up to the individuals submitting abstracts to request the reimbursement, and a form will be put on the GSIS website for that purpose.

Newsletter distribution: A proposal to convert the Newsletter to electronic distribution only, with the exception of standing orders for paper copies and any members who do not have email addresses, was discussed and adopted at the Executive Board Meeting,

October 4, 2008. By moving to e-only we can do color, more bells and whistles, and get it out faster. This is an Executive Board decision and will not be voted on by membership. The GSIS archivist will need to print out a copy for the historical files. And the membership form will need to be revised to remove the print copy option.

The next question is whether or not to make the issues available on the GSIS website as they become available. We currently have a three issue embargo period. Many felt that we would not lose membership if we lifted the embargo and put up issues as published. In fact, some saw it as a recruitment tool. Of the two options proposed – 1) send out email on geonet-1 that the latest issues is available, or 2) send out notification to members only – most preferred option 2). Therefore, starting with the 2009 newsletters, the Newsletter Editor will send the issue's PDF file to Jim for mounting on the GSIS website, and then email an announcement to membership. Since the notification goes out to members only, there will still be incentive for members to renew.

Auditor: Suzanne asked for a volunteer to audit our financial records. (See Bylaws, Article IX, Section 5.)

Geoscience 101 Coordinator and Task Force Members: Andrea Twiss-Brooks is resigning as coordinator of this annual pre-conference workshop. Clara McCloud has indicated her willingness to be the coordinator (but not a presenter) with Andrea's mentoring. Anyone wishing to participate in the task force is encouraged to volunteer.

Other comments, suggestions, or

questions:

AGU Publications Liaisons: Michael Noga and Patricia Yocum have advised the AGU Publications Committee for years. There will be a committee meeting later this fall which Patricia will be attending. Please contact her if you have concerns you would like her to raise at the meeting. Anyone with simultaneous user problems should also contact Patricia. AGU has launched their new Digital Library archive and institutions wishing access will need to subscribe beginning with 2009. Mary Scott mentioned that she had talked with AGU and was informed that the charge would automatically be on the bill.

When are membership fees due? By the end of March. The Secretary will be sending out renewal notices in December or January.

Is GSA going to post slides as well as abstracts for conference presentations? Suzanne and Rusty will take the question forward to GSA if an appropriate opportunity presents itself. Marie suggests we encourage GSA to go beyond simply posting slides. They should be pod casting and using other media for some presentations. Linda suggests adding this as a note to session evaluations. [Secretary's note: some sessions are available as Live Web casts at <https://www.acsmeetings.org/programs/events/webcasts/>]

Do we want to host slides on the GSIS website if speakers are willing to post? It was agreed that, yes, we could link session slides in the post conference portion of the website. Jim will put up presentation materials and links if you send him the files. Linda

suggested making digital recordings of presentations at the collection development and e-resources fora (with presenters' permission) and posting these to the GSIS website for added value as well.

Meeting was adjourned at 12:25 PM.

**Respectfully submitted,
Elaine Adams, Secretary**

ANNUAL REPORTS

Publicity Officer

Press releases and publicity photos were issued following the Society's 2007 awards ceremony in Denver. Distribution targeted library and geoscience news magazines and also news bureaus in the recipients' home institutions. The information is archived on the GSIS website. The 2008 "Geoscience Librarianship 101" seminar in Houston was widely advertised in Texas and adjacent states through professional associations and academic libraries. With help from Sarah Hodgkinson direct invitations were sent to library schools in the region and to others that have national distance learning programs. Registrations were collected on behalf of the GL101 steering committee.

**Respectfully submitted,
Shaun J. Hardy**

Committees

Note from Editor: Many of the GSIS

committees focus on the annual meeting. Reported here is only new business. For others, such as the awards committees, please refer to the August 2008 Newsletter.

Archives

Currently, the Geoscience Information Society has 17 boxes occupying 13.6 cubic feet of space, in the University of Illinois Archives. The GSIS archives holdings can be viewed at <http://www.library.uiuc.edu/archives/> (search on "geoscience"). A minor amount of material has been sent to Lura Joseph. This material has been accumulated because Archives prefers to receive material in larger batches. Patricia Yocum will be sending the records she accumulated for archiving at the close of her tenure as Immediate Vice President. At that time, I plan to meet with the University Archivist to obtain a cost estimate for submitting the new material, as we have spent down our account with the Archives. I will also obtain a cost estimate for organizing our entire collection so that similar documents can reside in the same box, regardless of when they are submitted. I will forward the cost estimates to the Board so that a decision can be made with regard to these future expenses. The Archives Committee recommends that the Nominating Committee submit a copy of the ballot and the candidates' biographies with their annual report so that this information will be included in the Newsletter, and therefore in the

Archives. A “draft” or “example” water mark could be added. It is important that the biographical material be available for future reference. If this is acceptable, then this procedure should be reflected in the guidelines for that committee in the Handbook.

**Respectfully submitted,
Anne M. Huber**

Electronic Resources

The Electronic Resources Committee has been busy planning the Electronic Resources Forum for the GIS annual meeting. This year, we will have 5 speakers: Sharon Tahirkheli, from GeoRef, Diana Bittern, from Knovel, Rebekah Priebe from the Society of Petroleum Engineers (about SPE electronic resources and OnePetro, Kathy Weimer (digital geosciences resources at Texas A&M University) and Peter D. Saundry, speaking on the Encyclopedia of Earth.

**Respectfully submitted,
Linda Zellmer, Chair, Electronic Resources Committee (LR-Zellmer@wiu.edu)**

Guidebook

There are currently five members of the Guidebook Committee: Jody Foote (chair of the Guidebook Award Subcommittee), Barbara Haner, Lura Joseph (chair of the Guidebooks Committee), Dorothy McGarry, and Louise Zipp.

We have been working on three

projects this year:

1) Selecting the guidebook for the Best Guidebook Award: Jody Foote served as chair of this subcommittee, and Lura Joseph assisted. The selection for this year was:

Inners, J.D., Cuffey, R.J., Smith, R.C. II, Neubaum, J.C., Keen, R.C., Fleeger, G.M., Butts, L., Delano, H.L, Newbaum, V.A., and Howe, R.H., 2006, Rifts, Diabase, and the Topographic “Fishhook”: Terrain and Military Geology of the Battle of Gettysburg --- July 1-3, 1863 (Guidebook Post-Meeting Field Trip National Annual Meeting Geological Society of America, Philadelphia, PA, 26 October 2006) [revised and expanded from guidebook of same title and authorship from 2004]: Harrisburg, PA, Pennsylvania Geological Survey, Fourth Series, Open-File Report 06-02 <http://www.dcnr.state.pa.us/topogeo/pub/openfile/of06_02.aspx>.

The award was presented at the annual meeting.

2) Guidebook Standards Distribution: Louise Zipp worked exclusively on contacting organizations running field trips this year in the northeastern U.S., specifically PA to NJ and north, and from the Atlantic Ocean west through Ontario, excluding Nunavut. Louise sent out 23 messages and received a number of thanks in response, including one in French. Several people commented on how helpful the guidelines looked or that they had not previously thought about depositing a copy with university libraries or their national library. Louise

created a database of 48 organizations and 3 helpful websites.

3) Field Trip Guidebooks Gap Project:

a) Lura Joseph has been preparing for a sabbatical project to fill in gaps in the various tools used to identify and locate field trip guidebooks. Student workers created spread sheets for approximately 400 series that contain a number of individual titles. They also created nearly 400 more spreadsheets for series that have only one or two titles currently listed. Lura began the sabbatical on September 1st, is making fair progress, and progress should accelerate after the GSIS annual meeting. She hopes to look at the 400 major series during the six month project, filling in as much missing data as possible. She hopes to travel to AGI headquarters to learn indexing, so that information can be sent to GeoRef in order to reduce the amount of material that GeoRef needs to borrow for indexing.

b) Not very many people have been submitting guidebook titles to be added to the Geologic Guidebooks of North America Database (GGNAD). However, three individuals should be commended for their contributions this past year: Linda Musser, Ilana Braun, and Claudette Cloutier. Linda and Ilana regularly submit titles via the form, and Claudette recently received a grant to hire a student to work on missing Canadian guidebook titles. Claudette and her student identified over 140 titles, and have sent a spreadsheet and copies of cover and titles pages. Hopefully others

will follow these excellent examples and regularly submit guidebook titles to be added to GeoRef and the GGNAD.

4) Lura Joseph was invited to speak at the annual meeting of the Association of Earth Science Editors (AESE) in conjunction with the American Institute of Professional Geologists (AIPG) in Flagstaff, AZ, September 22nd. The 30 minute talk was on Best Practices for Creating and Preserving Guidebooks.

The Guidebook Committee needs more members. Several of our current members are not able to work on the projects needing the most attention at this time. We need several more people on the Guidebook Award Subcommittee, since Lura needs to concentrate on the sabbatical project. We also need other individuals to help distribute guidebook standards to field trip leaders.

We need all GSIS members to regularly send us titles of guidebooks to be added to the GGNAD and GeoRef.

**Respectfully submitted,
Lura Joseph Chair,
GSIS Guidebook Committee**

International Initiatives

The committee charge is to investigate, report on, and recommend internationally focused activities for GSIS. Committee members are: Jan Heagy, Dorothy McGarry, Sharon Tahirkheli, Judy Triplehorn, and Margy Walsh.

Silent Auction

The International Initiatives Committee sponsored a silent auction on Tuesday October 7, 2008 during the GSIS reception. The auction netted \$435.00. Auction proceeds will be contributed to the Fellowship Program and Stipend funds.

Stipend

The IIC developed guidelines for a stipend to first time GSIS meeting attendees from countries other than the United States or Canada. The stipend covers the GSA registration fee, GSIS event fees, GSIS membership fee (for the following year membership if the awardee is already a GSIS member), and a guaranteed place in Geoscience 101.

Information about the stipend is posted on the GSIS webpage. Going forward, the IIC will identify additional venues to post the stipend opportunity.

International Geological Congress (IGC) News Monitor

Jan Heagy monitored news regarding the 33rd IGC in Oslo (August 6-14, 2008). Her findings were reported to the GSIS membership through the Geonet listserv and the GSIS *Newsletter*.

Networking

Jan Heagy submitted announcements publicizing the GSIS annual meeting in the *Bulletin* Petroleum & Energy Resources Division (DPER), SLA and the DPER Listserv. A review of the GSIS 2008 annual meeting was also published in the DPER *Bulletin*.

Respectfully submitted, Jan Heagy, Chair

Membership

Serving on the Membership Committee for 2008 are Shaun Hardy, Sarah Hodkinson (Chair), John Hunter, Miriam Kennard, and Margy Walsh. This year we focused on recruiting new members from academic, company, and state survey libraries in the US and Canada. We also encouraged student membership and participation in this year's "Geoscience Librarianship 101" by promoting GSIS to Library and Information Science students. Additionally, we contacted former members who did not renew, encouraging them to renew their membership, and reached out our non-US members to let them know about the international stipend that GSIS offered this year.

Each of the committee members was responsible for recruiting members in certain geographical regions or populations. Shaun worked on pacific and mountain states; Sarah worked on atlantic states, state survey librarians, and library school students; John focused on south central states; Miriam did central states and non-renewals; and Margy contacted potential members in Canadian provinces and special librarians.

As of September 27, we have 7 new members: 6 personal and 1 student member. All members of GSIS are ambassadors to help recruit new members. We welcome you to make personal contacts to encourage

membership, and to contact a membership committee member if you have ideas about recruiting potential new members.

**Respectfully submitted,
Sarah Z. Hodkinson, Chair**

REPRESENTATIVES

Cartographic Users' Advisory Council

The annual Cartographic Users' Advisory Council (CUAC) meeting was held April 24-25, 2008 at the Environmental Protection Agency. We heard reports from NASA, the Government Printing Office, Environmental Protection Agency, Bureau of Land Management, U.S. Forest Service, National Resources Conservation Service (Soil Survey), National Geospatial Intelligence Agency, U.S. Geological Survey U.S. Census Bureau and the National Archives. GIS members were asked to send questions and issues that they wanted addressed at the meeting to Clara and Linda. During the year, CUAC has responded to several issues, but has primarily been discussing ideas on data archiving. Linda Zellmer participated in a webinar on spatial data preservation organized by the National Archives. Bruce Boman, of the U.S. Geological Survey, spoke about GeoPDF and Robert Buckley, of the Xerox Innovation Group, gave a presentation on JPEG 2000. The notes from the CUAC presentations in May have not yet been finalized. When they are released, they will be sent out via Geonet, printed in the Newsletter and

posted on the CUAC website (CUAC@wustl.edu). The presentations from the CUAC meeting and the webinar are available on the CUAC web site.

**Respectfully submitted,
Linda Zellmer and Clara McLeod**

GeoRef Advisory Committee Meeting June 13, 2008

American Geological Institute in Alexandria VA

Attending:

Advisory Committee members:
Harvey Cohen, Shaun Hardy, Suzanne Larsen, Jim O'Donnell, Dennis Trombatore (chair), and John Steinmetz.

AGI Staff: Sharon Tahirkheli, Afifa Kechrid, Monika Long, and Jim Mehl

Suzanne Larsen took minutes in Lura Joseph's absence.

Budget

Revenue is up for 2008 in spite of economy. Two part-time independent contractors have been added in Austin and plans are underway to provide programming to make the GeoRef production system accommodate Vista. The purchase of a new scanner for digitization of Cold Regions was discussed.

Pricing policies for the inexpensive license for the Glossary of Geology were discussed and the Committee suggested consideration of an increase. The pricing has been set at a low level to encourage wide adoption and this has been generally successful.

Vendors

Sharon reported that ProQuest has bought Dialog, which is one of two online pay-as-you-go vendors for GeoRef. The other is STN. ProQuest had formerly been purchased by Cambridge Scientific Abstracts (CSA) which had also bought Community of Science -- combining three vendors into one. The Dialog platform was likely to continue as a separate platform from the CSA Illumina.

GeoRef continues to participate in GeoScience World and add metadata for all GSW archival materials. GSW will add two new journals in 2008-2009, Lithosphere and Petroleum Geoscience (Geological Society of London).

The impact of the newly launched Engineering Village platform is unknown. Elsevier is marketing GeoRef in conjunction with GeoBase on Engineering Village. The mapping capability is based on coordinates in the GeoRef record. This application is a Beta version and EV wants feedback from users. The Committee had a demonstration and Sharon will inquire about map scalability for areas with few hits.

AGI is looking at a 5% price increase in 2009 for GeoRef royalties, however, the providers set their own prices.

Old business

AESIS file

The AESIS load was finished in February 2008 and allowed the addition of 40,000+ items to GeoRef without

a lot of effort. This was a selection of GeoRef- appropriate entries from the entire AESIS database. Much of this material is not available in the US but Geoscience Australia will provide the documents if needed. The entire AESIS file was added to AusGeoRef, a small database of Australian coverage which is provided to organizations that do not need the entire GeoRef file. Geoscience Australia continues to index new Australian material for GeoRef and AusGeoRef. AusGeoRef includes theses, provincial reports, articles, and books indexed to the chapter level.

Cold Regions Bibliography Project and International Polar Year Publications Database (IPYPD)

We are in the middle of the International Polar Year (actually 2 years). Sharon attended the Polar Libraries Colloquy in Edmonton and the International Permafrost Conference in Fairbanks. The IPYPD is a collaborative agreement between AGI, Arctic Institute of North America, Scott Polar Research Institute, National Snow and Ice Data Center and NISC to create a database for IPY projects. It is free and on the web.

Guidebook database

Lura Joseph will be trained at AGI as an indexer for the guidebook database. During her sabbatical AGI will support her travel to several libraries that she has identified as having large guidebook collections.

GeoRef Thesaurus – 11th edition

Staff are working on the 11th edition of the Thesaurus. The 10th

edition sold out (print on demand) and will not be reprinted. The new edition will be complete at the end of the year. The Vocabulary Task Force will meet in September at AGI to review changes and new terms. There are about 600-700 changes which includes more climate-related and oceanographic terminology, changes in geography, and geobiology (astrobiology, exobiology). Several hierarchies for invertebrate fossils are being revised.

Offsite indexers

GeoRef has three offsite indexers based in Austin, one in Boulder, one in Seattle, and one in San Francisco. In addition, Connie Manson works on special projects and is currently working on the older issues of the American Mineralogist to ensure that GeoRef has current URLs for all of its digital content.

Tour of information systems department

The GeoRef Advisory Committee took a tour of the Information Systems Department to better understand workflow.

GeoRef is having another record year; by June 13, over 91,000 references had been processed for 2008. Of that, over 63,000 had been distributed as part of the main GeoRef database. The rest were part of AusGeoRef.

Institutional Repositories/Metadata Harvesting

GeoRef is looking at either developing a tool to use to identify

relevant materials in Institutional Repositories or at assigning staff to look at the IRs. The Advisory Committee felt this might be a big time sink with little to show for the effort, however, Sharon will examine the possible options.

Map Based Interfaces

Sharon reviewed current developments including several test projects.

Open Discussion

Shaun Hardy opened a discussion of the future of abstracting and indexing resources, which was recently a topic on the PAM listserv. The consensus of the PAM discussion was that it will go away if not valued and that price and use are issues. New, younger faculty will possibly not see the value of A and I. However, value added is the name of the game. Given this, a map-based interface is very important to have.

The GeoRef Core Journal list of 101 important journals needs to be revised. There used to be a GSIS committee assigned to this. Since such a committee does not currently exist, in the interests of time, it was proposed that Sharon provide the Advisory Committee with a proposed list for their comments. The list would then be sent out on GeoNet for further comments.

**Respectfully Submitted,
Suzanne Larsen
and Lura Joseph**

The 33rd International Geological

Congress, Oslo, Norway, August 2008.

At the start of my sabbatical I attended the second half of the International Geological Congress in Norway. Like any major conference, far more sessions sounded interesting than I could attend. However, in addition to talks related to my post-conference field trip, I did hear some of the ones most directly relevant to my work with maps, geospatial data and geoscience information.

The OneGeology portal for digital geologic maps from surveys throughout the world had been formally introduced in the first half of the conference (www.onegeology.org). In a session on digital geologic maps I heard presentations from geologic surveys of Japan, Korea, and the Slovak Republic, as well as talks on the International Geologic Map of Europe and IUGS-CGI work on interoperability. It is exciting to see so many cooperative projects. A closely related session on the transition from map making to database building was disappointing because several scheduled speakers did not attend. The geological survey of Victoria (Australia) described their streamlined approach to geologic mapping combining older, often more detailed, maps with newer data. Another session was on use of GIS and geoscience data for addressing societal problems. Among the digital databases/maps/atlas and specific projects under development are the Czech Survey geohazard portal, a Swiss geothematic atlas, and the Norwegian groundwater monitoring network. It was no surprise to learn that at many scales geoscience

information is being made available online to citizens as well as researchers. Unfortunately, many of these web sites are not yet fully functional.

One session that included divergent points of view was on accessing and sharing geosciences information. The speaker from the British Survey argued in favor of users paying for most data sets. He asserted that the result is higher quality and better focus on user needs as well as the obvious advantages of increased revenues for agencies. Since I come from the U.S. and work within the Federal Depository Library Program, many of his ideas were challenging. The Irish Survey, in contrast, is one of many that offers data and maps for free: <http://www.gsi.ie/mapping.htm> .

In a talk on sharing geochemical data, there were themes that will be familiar to GIS members, such as the need for standards and best practices. Current citation practices in this area are problematic; for instance, when data is synthesized from many papers it is often not cited in a way that gives credit to its creators.

There was a separate session on metadata in which speakers extolled the virtues and described difficulties of creating, maintaining and using metadata. The IUGS-CGI work was mentioned again, this time in reference to the development of a multilingual thesaurus. This project is worth watching. Although GSA meetings are certainly not entirely parochial, it was interesting to attend sessions where very few to none of the speakers were Americans. Several of

the metadata talks dealt with efforts within the European Union to apply the EU's INSPIRE metadata scheme. The site <http://www.inspire-geoportal.eu/> is intended as a portal for EU member nations to access geographical information and metadata tools. The United Kingdom's approach is interesting. They do not expect the data creators to write their own metadata. Rather the scientist is interviewed by a compiler who is responsible for completing the metadata and annually validating it with the creator.

One other feature of the conference was over fifty pre- or post-conference excursions. After four days of sitting and hearing about geology I finally had a chance to get out and see Swedish and Norwegian rocks, but that's a story for another day.

**Respectfully Submitted,
Thelma Thompson**

GSIS Call for Papers for 2009 GSIS-GSA Annual Meeting in Portland, October 18-21

GSIS will sponsor two technical sessions at the GSIS-GSA Annual Meeting in Portland in October 2009. The theme for the GSA meeting is "From Volcanoes to Vineyards: Living with Dynamic Landscapes." The dates of the conference are October 18-21. The sessions sponsored by GSIS will be:

"Navigating the Geoscience Information Landscape: Pathways to Success" (oral presentations) (Topical Session #118)

The geoscience information landscape is varied and constantly changing. Information comes in an array of formats from a multitude of sources. Successful navigation of this landscape depends on the paths chosen to identify, gather, organize and disseminate resources.

"Geoscience Information Landscape: Pathways to Success" (posters) (Topical Session #117)

The geoscience information landscape is highly varied and offers many opportunities for information discovery. These posters represent the many unique pathways to geoscience information.

The deadline for submitting your abstract to the GSA website is midnight Eastern time on August 11. Beginning April 1 you can submit your abstract on the electronic submission form on the GSA website:

<http://gsa.confex.com/gsa/2009AM/index.epl>

The final schedule with dates and times for technical sessions will be announced in late August. There is a \$20 fee for students to submit abstracts and a \$30 fee for non-students.

Please begin to think about submitting an abstract for an oral presentation or a poster session at our meeting in October. The themes for the two sessions are broad, which should allow for a wide variety of topics at both the oral presentations and the poster sessions. If you have questions, please contact Jody Foote, GSIS Technical Sessions Chair, at jbfoote@ou.edu or 405-325-6451.

GEOSCIENCE INFORMATION SOCIETY 2008 Year-End Report

(by Renee Davis 01/26/09)

	Income Budgeted	Income Actual	Expense Budgeted	Expense Actual
EXECUTIVE BOARD				
President			\$400.00	\$338.88
Vice-President			\$375.00	\$40.00
Past-President			\$25.00	\$0.00
Secretary			\$125.00	\$46.43
Treasurer			\$75.00	\$59.15
Subtotal	\$0.00	\$0.00	\$1,000.00	\$484.46
MEETINGS				
2008 Meeting (rooms and AV and Internet)	\$2,000.00	\$1,500.00	\$3,450.00	\$738.67
2008 Business Meeting refreshments	\$500.00		\$750.00	
2008 Meeting Reception	\$2,500.00	\$1,000.00	\$1,950.00	\$1,962.19
2008 Meeting Exhibit Booth (furniture & drape)	\$1,200.00		\$1,200.00	
2008 lunches			\$40.00	\$40.00
2008 Speaker Honorarium / Gift			\$300.00	\$150.00
2008 Meeting: fieldtrip	\$0.00		\$0.00	\$0.00
Subtotal	\$6,200.00	\$2,500.00	\$7,690.00	\$2,890.86
DUES				
Institutional	\$1,200.00	\$900.00		
Personal	\$5,615.00	\$5,940.00		
First Year (New Personal)	\$225.00	\$270.00		
Sustaining	\$405.00	\$405.00		
Retired	\$200.00	\$260.00		
Student	\$100.00	\$60.00		
Pooled Sponsorship	\$250.00	\$170.00		\$0.00
Subtotal	\$7,995.00	\$8,005.00	\$0.00	\$0.00
PUBLICATIONS				
Publications Manager			\$500.00	\$168.48
Directory of Geoscience Libraries	\$0.00			
Mailing labels	\$375.00	\$150.00		
Newsletter: printing			\$2,000.00	\$356.10
Newsletter: mailing			\$500.00	
Newsletter: subscriptions	\$400.00	\$120.00		
Newsletter: back issues	\$0.00			
Newsletter: cancellation refunds				
Proceedings, v. 37 (2006)			\$3,000.00	
Proceedings, v.36 (2005)	\$1,000.00	\$90.00	\$2,940.00	\$2,936.92
Proceedings, v.35 (2004)				
Proceedings, v.34 (2003)				
Proceedings, v.33 (2002)				
Proceedings, prior volumes		\$435.00		
Index	\$0.00			
Reprints				
Royalties				
Subtotal	\$1,775.00	\$795.00	\$8,940.00	\$3,461.50

GEOSCIENCE INFORMATION SOCIETY 2008 Year-End Report (cont'd)				
(by Renee Davis 01/26/09)				
	Income Budgeted	Income Actual	Expense Budgeted	Expense Actual
REPRESENTATIVES/APPOINTEES				
AGI Member Council rep			\$25.00	
AGI Gov't Affairs Program rep			\$25.00	
Congressional Science Fellow			\$100.00	
CUAC (2 reps @ \$200 each)			\$400.00	
Publicity Officer			\$50.00	
Auditor			\$25.00	
Subtotal	\$0.00	\$0.00	\$625.00	\$0.00
COMMITTEES & SERVICE POSITIONS				
Archivist			\$150.00	
Best Paper			\$25.00	\$40.96
Best Reference Work			\$25.00	\$40.96
Collection Development			\$25.00	
Distinguished Service Award			\$75.00	\$125.20
Exhibits			\$50.00	\$48.05
New display case/Repairs			\$0.00	
E-Resources			\$25.00	
Guidebooks			\$50.00	\$40.96
International Initiatives	\$600.00	\$435.00	\$75.00	\$0.00
Membership			\$50.00	
Membership brochure			\$30.00	
Photographer			\$0.00	
Nominating			\$75.00	\$58.96
Preservation			\$25.00	
Website Advisory			\$25.00	
Subtotal	\$600.00	\$435.00	\$705.00	\$355.09
MISCELLANEOUS				
AGI member society dues			\$270.00	\$270.00
GAP contribution			\$400.00	\$400.00
GSIS International Fellow			\$500.00	\$0.00
Ansari Best Reference Award			\$500.00	\$500.00
Ansari Distinguished Service Award			\$400.00	\$400.00
Geoscience Librarianship 101	\$600.00	\$0.00	\$600.00	\$131.85
Gifts (unrestricted)	\$300.00	\$290.00	\$100.00	
Gifts- Professional Develop Fund	\$150.00	\$105.00	\$100.00	
Bank / Visa card charges	\$0.00		\$30.00	\$12.00
Interest	\$1,000.00	\$725.18		
Subtotal	\$2,050.00	\$1,120.18	\$2,900.00	\$1,713.85
TOTAL	\$18,620.00	\$12,855.18	\$21,860.00	\$8,905.76

GSIS Treasurer's Report

The Society's income for 2008 was \$12,855.18. Expenses for the year were \$8,905.76. GSIS therefore had a net income for 2008 of \$3,949.42.

As of December 31, 2008, the balance in our checking account is \$12,961.58; in our money market fund, \$20,156.64; in the GSIS General Funds CD, \$13,486.94; and in the Ansari Awards CD, \$9061.60, for a total of \$55,666.76.

The increase in our checking account balance from the beginning of the year (\$9,737.34) to the end of the year (\$12,961.58) was \$3,224.24. Interest received on our money market account and CDs was \$725.18. The total increase in our bank balances was therefore \$3224.24 plus \$725.18, or \$3949.42, which agrees with the net income tallied on the income and expense spreadsheet.

Income from sponsorships for our 2008 conference ran somewhat behind 2007. A significant sponsor from previous years did not make a contribution this year. However, the impact was lessened by the fact that conference expenses were lower for Houston than for Denver.

We have not yet incurred any of the budgeted expense for printing Proceedings Volume 37. Those expenses will carry over into the 2009 budget.

And once again there was little expense generated by the GSIS officers and committee chairs in the course of their work over the year. Great job, everyone!

Respectfully submitted,
Renee Davis
GSIS Treasurer



Welcome New Members

Rumela Bose
Student
Norman, OK

Richard C. Keen
PA Dept.
Conservation
& Natural
Resources/PA
Geological
Survey
Middletown, PA



This & That

Happy Retirement!

Patricia Yocum retired January 3, 2009 from the University of Michigan after 31 years of service there. She plans to continue her activities in GSIS, serving this year as Chair of the Distinguished Service Award. Her email remains the same: pyocum@umich.edu

Shaun Hardy Receives Grant

Carnegie Institution of Washington DTM-Geophysical Laboratory Library was recently awarded a \$9,400 grant from the AIP Center for History of Physics to preserve and enhance access to our historic photographs of scientific instruments. The collection spans five decades from 1904 to the 1950s and includes thousands of images important to the history of geophysics, atomic physics, and astronomy.

GSIS member Shaun Hardy will lead the project. More information can be found at:

http://www.ciw.edu/news/carnegie_wins_grant_preserve_historic_photos

Linda Musser Honored

Linda Musser, head of Penn State University's Earth and Mineral Sciences Library was recently named Distinguished Librarian by the University, an honor that recognizes exceptional

research, creativity and service. Musser was one of two librarians from a total of 14 faculty members who were honored.

Musser is a nationally recognized engineering and geosciences librarian, and recipient of the 2006 Homer I. Bernhardt Distinguished Service Award by the ASEE Engineering Libraries Division. She is also one of the Libraries' most prolific authors and speakers. Musser has held the highest leadership positions within the American Society for Engineering Education (ASEE), the Atmospheric Science Librarians International, and the Geoscience Information Society and was a member of the select committee that authored the National Science Foundation's publication, "Geoscience Collections and Data: National Resources in Peril."

Linda is a long-standing member of GSIS. She is a Past-President, and currently serves on the Guidebooks Committee.

University of Pittsburgh Map Preservation Project

Linda Musser reports an interesting website at <http://www.pitt.edu/~aeb59/index.html> which describes the CONSOL Energy Mine Map Preservation Project at the University of Pittsburgh. The University of Pittsburgh has just been awarded an additional \$200,000 in funding from CONSOL Energy Inc., the Pennsylvania Department of Environmental Protection (PA-DEP), and the U.S. Department of the Interior Office of Surface Mining (OSM). CONSOL Energy has pledged \$100,000; PA-DEP, \$75,000; and OSM, \$25,000.

GEOSCIENCE JOURNAL PRICES – compiled by Michael M. Noga

<u>Journal</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2006/2007</u>	<u>2007/2008</u>	<u>2008/2009</u>
AAPG Bulletin	280	280	290	305	320	320	354	350	0%	11%	-1%
AAPG Explorer	63	63	63	63	63	63	69	63	0%	10%	-9%
Acta Oceanologica Sinica	420	420	420	420	420	420	425	420	0%	1%	-1%
Alcheringa	70	76	98	99	112	134	165	173	20%	23%	5%
American Journal of Science	175	175	175	175	185	185	187	185	0%	1%	-1%
American Mineralogist	530	580	625	650	675	725	775	825	7%	7%	6%
Annales de Paléontologie	485	519	553	641	595	634	672	726	7%	6%	8%
Annales Geophysicae	990	1187	2282	2474	2458	2704	2926	2893	10%	8%	-1%
Annual Review of Earth Planetary Sci	165	180	189	200	205	216	225	234	5%	4%	4%
Applied Geochemistry	877	942	1083	1140	1200	1263	1348	1439	5%	7%	7%
Arctic Antarctic and Alpine Research	125	140	140	149	149	195	197	230	31%	1%	17%
Atlantic Geology	60	60	70	75	75	75	75	75	0%	0%	0%
Australian Journal of Earth Sci	690	760	836	965	1032	1238	1330	1449	20%	7%	9%
Basin Research	575	719	889	1037	1109	1181	1264	1287	6%	7%	2%
Biogeochemistry	1427	1539	1654	1818	1918	2138	2320	2524	11%	9%	9%
Bulletin of Canadian Petroleum Geol	88	140	140	140	140	127	140	140	-9%	10%	0%
Bulletin of Eng Geol & the Envt	289	329	368	408	448	478	605	647	7%	27%	7%
Bulletin of the Seismol Soc of Am	350	360	390	420	450	500	540	565	11%	8%	5%
Bulletin of Volcanology	786	829	1107	1245	1358	1555	1774	1873	15%	14%	6%
Canadian Journal of Earth Sciences	701	773	846	909	936	1022	1115	1215	9%	9%	9%
CATENA	1043	1121	1289	1357	1428	1503	1604	1712	5%	7%	7%
Chemical Geology	3168	3406	3627	3817	4017	4228	4482	4751	5%	6%	6%
Chemie der Erde	244	313	344	353	372	392	451	480	5%	15%	6%
Clays and Clay Minerals	220	235	235	250	265	275	278	330	4%	1%	19%
Computers & Geosciences	1777	1910	2034	2141	2253	2371	2531	2702	5%	7%	7%
Continental Shelf Research	1751	1882	2004	2109	2220	2337	2495	2663	5%	7%	7%
Contrib of Mineral & Petrology	3017	3279	3453	3828	3949	4262	4624	4810	8%	8%	4%
Coral Reefs	475	515	750	958	1038	1122	1217	1324	8%	8%	9%
Cretaceous Research	774	825	879	925	974	1025	1094	1168	5%	7%	7%

Deep Sea Research Pts. I & II	4068	4373	4657	4901	5158	5429	5772	6137	5%	6%	6%
Doklady Earth Science Sections	3455	3766	4652	4331	4588	4932	5302	5939	7%	8%	12%
Earth & Planetary Science Letters	3043	3367	3586	3774	3972	4181	4432	4698	5%	6%	6%
Earth Moon and Planets	831	873	938	1015	1068	1100	1121	1194	3%	2%	7%
Earth-Science Reviews	1009	1160	1334	1404	1478	1556	1632	1773	5%	5%	9%
Ecosystems	315	386	481	498	598	643	691	751	8%	7%	9%
Engineering Geology	1298	1493	1717	1807	1902	2002	2137	2281	5%	7%	7%
Environmental & Eng Geoscience	125	125	200	175	200	200	170	170	0%	-15%	0%
Environmental Fluid Mechanics	180	180	198	198	198	228	247	264	15%	8%	7%
Environmental Geology	1297	1509	1849	2029	2149	2482	2826	3449	15%	14%	22%
Eos	440	440	440	450	465	482	513	543	4%	6%	6%
Episodes	24	24	24	24	24	24	24	24	0%	0%	0%
Estuarine Coastal and Shelf Science	1650	1890	2174	2288	2408	2534	2566	2888	5%	1%	13%
Eurasian Soil Science	2605	2839	3052	3266	3476	3996	3997	4477	15%	0%	12%
Facies	71	79	439	438	438	475	516	552	8%	9%	7%
Geochemistry International	2940	3234	3485	3729	3948	4316	4646	5198	9%	8%	12%
Geochimica et Cosmochim Acta	1869	2149	2471	2601	2738	2882	3077	3262	5%	7%	6%
Geoderma	2020	2172	2313	2434	2562	2697	2879	3073	5%	7%	7%
Geodinamica Acta	305	328	349	457	436	550	564	587	26%	3%	4%
Geoforum	816	877	1009	1062	1118	1177	1256	1341	5%	7%	7%
Geology of Ore Deposits	1165	1270	1359	1454	1538	1655	1779	1993	8%	7%	12%
Geology	450	475	525	560	600	650	700	700	8%	8%	0%
Geomagnetism and Aeronomy	910	987	1056	1130	1195	1284	1380	1643	7%	7%	19%
Geo-Marine Letters	539	569	619	938	998	1065	1155	1235	7%	8%	7%
Geomorphology	1666	1791	1907	2007	2112	2223	2373	2533	5%	7%	7%
Geophysical Research Letters	1405	1405	1550	1800	2100	2650	3200	3800	26%	21%	19%
Geotectonics	710	770	824	890	938	1008	1084	1214	7%	8%	12%
Geothermics	981	1055	1124	1183	1245	1310	1398	1432	5%	7%	2%
Global and Planetary Change	1280	1376	1465	1542	1623	1708	1758	1946	5%	3%	11%
Global Biogeochemical Cycles	528	528	580	598	604	604	635	750	0%	5%	18%
Grana	249	270	293	315	420	430	459	489	2%	7%	7%
Ground Water	260	260	280	295	395	435	474	512	10%	9%	8%
Grundwasser	119	139	159	159	175	198	220	235	13%	11%	7%

GSA Abstracts with Programs	120	135	117	132	130	150	150	-2%	15%	0%
GSA Bulletin	450	475	525	560	650	700	700	8%	8%	0%
Holocene	723	886	961	1105	1326	1500	1637	13%	9%	9%
Hydrogeology Journal	415	444	514	615	778	938	1018	21%	9%	11%
Icarus	2663	2863	3049	3209	3377	3554	3732	5%	5%	6%
International J of Rock Mech/Min Sci	2153	2314	2464	2593	2729	2872	3066	5%	7%	6%
International Journ of Coal Geology	1648	1771	1886	1985	2089	2199	2347	5%	7%	7%
International J of Geosciences	709	769	915	988	1048	1150	1260	10%	10%	14%
Izvestiya Atmos & Oceanic Physics	1155	1247	1247	1347	1425	1532	1647	8%	8%	12%
Izvestiya Physics of Solid Earth	1040	1123	1329	1286	1358	1458	1567	7%	7%	12%
Journal of African Earth Sciences	1926	2070	2205	2321	2443	2571	2700	5%	5%	7%
Journal of Applied Geophysics	949	1020	1086	1143	1143	1203	1284	5%	7%	7%
Journal of Asian Earth Sciences	957	1028	1095	1152	1212	1276	1362	5%	7%	7%
Journal of Atmos and Solar-Terr Phys	2767	2975	3168	3334	3509	3693	3915	5%	6%	6%
Journal of Geochemical Exploration	1192	1281	1364	1436	1436	1511	1613	5%	7%	7%
Journal of Geodesy	823	839	939	1055	1099	1192	1293	8%	8%	9%
Journal of Geology	124	136	149	167	182	175	182	-4%	4%	5%
Journal of Geodynamics	1326	1426	1519	1599	1683	1771	1891	5%	7%	7%
Journal of Geophysical Research	6400	6400	6600	6905	7700	8580	9800	11%	14%	8%
Journal of Hydrology	4287	4609	4909	5167	5438	5723	6066	5%	6%	6%
Journal of Micropalaeontology	155	155	185	205	230	243	259	6%	7%	7%
Journal of Molluscan Studies	366	392	412	420	454	490	546	8%	11%	14%
Journal of Paleontology	128	145	156	165	248	275	300	11%	9%	10%
Journal of Petrology	875	965	1052	1148	1278	1341	1433	5%	7%	17%
Journal of South Amer Earth Sci	798	858	914	962	1013	1066	1138	5%	7%	7%
Journal of Structural Geology	1266	1361	1449	1525	1605	1689	1803	5%	7%	7%
Journal of the Geol Soc of London	824	885	985	1089	1195	1322	1458	11%	10%	8%
Journal of Volcanol & Geotherm Res	2400	2580	2748	2892	3044	3204	3396	5%	6%	6%
Lithos	1146	1232	1417	1491	1569	2122	1762	35%	-17%	7%
Marine and Petroleum Geology	1612	1732	1845	1942	2044	2151	2296	5%	7%	7%
Marine Chemistry	1779	1912	2036	2143	2256	2374	2534	5%	7%	7%
Marine Geology	2948	3169	3375	3552	3738	3934	4170	5%	6%	6%
Marine Geophysical Researches	688	500	530	578	578	642	697	11%	9%	7%

Marine Micropaleontology	1041	1119	1287	1355	1426	1501	1602	1710	5%	7%	7%
Marine Pollution Bulletin	1003	1079	1149	1321	1390	1463	1562	1667	5%	7%	7%
Mathematical Geosciences	780	819	880	968	1038	1092	1185	1290	5%	9%	9%
Meteoritics and Planetary Science	830	830	830	900	950	950	1100	1100	0%	16%	0%
Mineralium Deposita	1045	1140	1369	1478	1558	1625	1757	1909	4%	8%	9%
Mineralogy and Petrology	955	1022	1109	1225	1325	1455	1556	1693	10%	7%	9%
Minerals Engineering	1094	1176	1252	1318	1387	1460	1559	1664	5%	7%	7%
Natural Hazards	784	847	909	1125	1188	1380	1470	1629	16%	7%	11%
New Zealand J of Geol & Geoph	225	305	305	320	320	340	340	340	6%	0%	0%
New Zealand J of Mar & Freshwater Res	225	305	305	320	320	340	340	340	6%	0%	0%
Nonlinear Processes in Geophysics	220	340	433	360	520	552	596	845	6%	8%	42%
Oceanology of Russian Acad Science	1034	1127	1127	1240	1298	1398	1505	1686	8%	8%	12%
Ore Geology Reviews	768	826	880	926	975	1026	1095	1169	5%	7%	7%
Organic Geochemistry	2513	2701	2877	3028	3187	3354	3555	3768	5%	6%	6%
Origins of Life & Evol of Biosphere	462	498	537	598	648	712	772	826	10%	8%	7%
Palaeo, Palaeo, Palaeo	3120	3353	3571	3758	3955	4163	4413	4678	5%	6%	6%
Palaeontologische Zeitschrift	32	38	46	72	63	114	212	447	81%	86%	111%
Paleobiology	80	90	96	100	150	165	180	200	10%	9%	11%
Paleoceanography	358	395	415	458	490	490	530	675	0%	8%	27%
Paleontological Journal	3315	3580	3831	4099	4338	4665	4760	5619	8%	2%	18%
Petroleum Chemistry	3379	3679	3955	4232	4503	5162	5176	5797	15%	0%	12%
Petrology	1165	1270	1365	1474	1558	1675	1800	2016	8%	7%	12%
Physical Geography	339	349	366	385	399	435	465	495	9%	7%	6%
Physics and Chem of the Earth	2000	2150	2290	2410	2537	2670	2850	3042	5%	7%	7%
Physics and Chemistry of Minerals	1679	1797	1920	2065	2242	2445	2653	2797	9%	9%	5%
Physics of the Earth & Planet Inter	2181	2345	2497	2628	2766	2911	3107	3293	5%	7%	6%
Planetary and Space Science	2655	2854	3040	3200	3368	3545	3758	3983	5%	6%	6%
Precambrian Research	2164	2327	2478	2608	2745	2889	3084	3269	5%	7%	6%
Proceedings of Geologists Assoc	230	246	275	309	335	326	350	373	-3%	7%	7%
Proceedings of Yorkshire Geo Soc	147	147	175	194	215	223	223	239	4%	0%	7%
Progress in Oceanography	2090	2246	2392	2518	2650	2789	2977	3178	5%	7%	7%
Progress in Physical Geography	371	403	437	465	581	772	852	917	33%	10%	8%
Pure and Applied Geophysics	2295	2456	2739	2898	2998	3145	3366	3624	5%	7%	8%

Quarterly J of Eng Geo & Hydrogeo	413	412	478	555	600	670	738	796	12%	10%	8%
Quaternary International	844	908	965	1018	1071	1127	1183	1254	5%	5%	6%
Quaternary Research	580	624	665	702	739	778	821	876	5%	6%	7%
Quaternary Science Reviews	1505	1618	1723	1813	1908	2028	2144	2289	6%	6%	7%
Remote Sensing of Environment	2180	2344	2496	2627	2765	2910	3106	3292	5%	7%	6%
Review of Palaeobotany & Palynology	1836	1974	2102	2212	2328	2450	2615	2792	5%	7%	7%
Reviews of Geophysics	300	300	300	309	309	280	300	376	-9%	7%	25%
Rock Mech and Rock Eng	320	395	485	534	525	620	798	877	18%	29%	10%
Scottish Journal of Geology	182	182	215	244	260	272	290	310	5%	7%	7%
Sedimentary Geology	2500	2688	2863	3013	3171	3337	3537	3749	5%	6%	6%
Seismological Research Letters	108	115	125	135	140	145	150	150	4%	3%	0%
Shale Shaker	30	30	30	30	30	30	30	30	0%	0%	0%
Stratigraphy and Geological Correl.	1165	1270	1365	1474	1562	1678	1806	2023	7%	8%	12%
Surveys in Geophysics	557	602	647	708	745	815	884	945	9%	8%	7%
Swiss Journal of Earth Sciences	635	679	761	768	788	838	910	964	6%	9%	6%
Tectonics	528	528	550	620	650	650	684	684	0%	5%	0%
Tectonophysics	4092	4399	4685	4931	5190	5462	5790	6137	5%	6%	6%
Water Research	3963	4260	4537	4775	5026	5290	5528	5777	5%	4%	5%
Water Resources Research	980	980	1090	1200	1300	1300	1450	1580	0%	12%	9%
<i>Average price change (title) =</i>											
<i>Average price change (overall pool) =</i>											

Note: The average price change of the overall pool of journals measures the increase in funds needed to purchase this particular pool of journals. This measure dampens the effect of a specific journal.

Literature Reviews



By Carol J. La Russa

With this issue I am restarting the literature reviews section in the GSIS Newsletter. For future issues I would like to get your input. Send me titles of interesting articles, web sites, blogs, gray literature from the Web, etc. Feel free to write the review yourself if you have time.

Eschenfelder, Kristin R.. (2008). Every Library's Nightmare? Digital Rights Management, Use Restrictions, and Licensed Scholarly Digital Resources. *College and Research Libraries*, 69(3), 205-225.

This article looks at how publishers' technical protection measures (TPM) for digital rights management affect scholars' abilities to use digital resources efficiently. Eschenfelder describes features that discourage, but don't prevent use as

"soft restrictions." These include: "extent of use restrictions", such page print limits; "obfuscation;" "omission" of software features like buttons or links; "decomposition" in which files decompose to many files when saved; "frustration" caused by making tasks more complicated than necessary, and "warning" of copyright issues. "Hard restrictions" are restrictions that prevent usages such as copying and pasting from an OCR document. The author feels the library community should pay more attention to these issues and "should not accept these restrictions as the natural order of things."

DeZelar-Tiedman, Christine (2008). The Proportion of NUC Pre-56 titles Represented in RLIN AND OCLC Databases Compared: a. Follow-up to the Beall/Kafadar Study. *College and Research Libraries*, 69(5), 431-435.

In this article DeZelar-Tiedman examines the percentage of NUC Pre-56 (National Union Catalog Pre 1956

imprints) cataloging records that are included in the soon-to-be combined RLIN and OCLC databases. The author randomly selected over 500 titles from the volumes, omitting non-roman language materials. Of these titles about 25% were not found in either database. 6.4% were only found in RLIN; 27.5% only in OCLC; and 54.6% in both. She concludes that libraries with large, uncataloged backfiles of older, rare materials should probably be cautious about discarding their NUC-Pre 56 volumes. I think this article is significant to geoscience librarians because we know our users sometimes need older materials that are difficult to identify and locate. The NUC-Pre 56 might be one of the few sources with the necessary information.

Botero, Cecilia, Steven Carrico, and Michele R. Tennant. (2008). Using Comparative Online Journal Usage Studies to Assess the Big Deal. *Library Resources & Technical Services* 52 (2), 61-68.

The authors of this article used usage statistics to examine the use of online journals at the University of Florida to determine if their “big deal” packages are worth the cost. They conclude that on a cost per use basis the price is advantageous when compared with the cost of document delivery (assuming that every downloaded article would have been requested via document delivery). They also show that users in the basic sciences and clinical medicine are by far the heaviest users of online materials but that humanities and social

sciences have the highest percentage increases in usage. The authors express concern that the increasing percentage of the budget spent for online materials “may threaten the future of the print collection.”

Haglund, Lotta and Per Olsson. (2008) The Impact on University Libraries of Changes in Information Behavior among academic Researchers: A Multiple Case Study. *Journal of Academic Librarianship* 34 (1), 52-59.

Haglund and Olsson used participant observation methods to learn about how young researchers at three universities in Stockholm, Sweden find information. Twenty-four researchers were observed for eight hours each and then interviewed. Findings include: Google is the researchers’ first choice for information; they find information by “trial and error;” they use their personal networks for information; they often won’t bother with an article if it is not in electronic form; they are satisfied with their information searching methods and don’t know about the competencies of librarians. The authors conclude that librarians and libraries have become “more removed from the world of the researchers.” They ask if librarians should give up hoping researchers will do research the library way or if libraries should adapt to the way researchers actually work.

Bracke, Marianne Stowell, Sainath Chinnaswamy, and Elizabeth Kline. 2008. Evolution of Reference: A New Service Model for Science and

Engineering Libraries. *Issues in Science and Technology Librarianship*. <http://www.itsl.org/08/refereed3.html>

The authors describe how the University of Arizona Science-Engineering Library changed the way it offers reference services. Previously the library had three service points: the reference desk, a circulation desk, and a photocopy desk. An examination of reference queries showed that most did not require the skills of a subject specialist librarian. The new model for services is a single desk staffed by a materials access team (MAT) worker (not a librarian) and one or two student workers. The members of the MAT team underwent an extensive training program. Subject specialists are still available by referral but now have more time for outreach activities. The authors emphasize the need for continuing education, communication, and assessment to make this model work.

Maness, Jack M, Tomasz Miaskiewicz, Tamara Sumner. (2008) Using Personas to the Needs and Goals of Institutional Repository Users. *D-Lib Magazine*, 14 (9/10).
<http://www.dlib.org/dlib/september08/maness/09maness.html>

The authors show how it might be possible to design an institutional repository (IR) that better meets the needs of future users by using “personas.” Their literature review suggests that IRs are generally underused. Personas are fictitious users designed to represent groups of target

users that are supposed to generate empathy from the IR designers. To start the process of creating personas interviews with faculty and graduate students from a variety of disciplines were conducted. Semantic analysis of the interviews showed four distinct types of users which were used to develop four personas which were given names, ages, subject specialties, academic activities, goals for the IR, etc.

Hahn, Trudy Bellardo. (2008) Mass Digitization - Implications for Preserving the Scholarly Record. *Library Resources & Technical Services* 52 (1), 18-26.

Hahn is very concerned about the implications for preservation of the current mass digitization projects. She fears that the projects are happening too fast to have time to think about the difficult decisions and issues. These issues include: copyright, justification (do students and scholars really want or need these documents), advisability of trusting corporations like Google, quality of scanning (apparently not archival quality), secrecy of the scanning process, and long-term stability of corporate partners. She suggests information professionals should be the leaders in developing standards for short and longer term preservation.

Leetaru, Kalev. (2008) Mass book digitization: The deeper story of Google Books and the Open Content Alliance” *First Monday* [Online], 13 (10).

<http://www.uic.edu/htbin/cgiwrap/bin/ojs/index.php/fm/article/view/2101/2037>

the source will be lost along with the applicable restrictions on use.

Leetaru compares the digitization projects of Google Books and of the Open Content Alliance (OCA). First the author emphasizes that both projects are access digitization projects, not preservation digitization projects. True preservation projects use RAW or TIFF files at much higher resolutions. A major difference between the two projects is that while both projects let users search within a work, only Google allows users to search across the whole collection. Leetaru describes how Google processes materials as best as can be determined from the limited technical data available. Apparently even less technical data is available for the OCA project. The projects differ on their approaches to copyright. Google scans still-in-copyright materials, but only offers snippets for display. OCA scans copyrighted materials only with publisher permission. Google encourages selective distribution of out-of-copyright material; OCA allows member organizations to restrict distribution of these materials from their collections. Google's policy for distribution of out-of-copyright works is clearly shown in every document PDF. The CCA entry does not provide this information. Apparently OCA sometimes incorrectly identifies works as being still under copyright when they have in fact become public domain. The author criticizes OCA for not including metadata in the PDF (as Google does) because as a file is forwarded it will probably have its file name changed and

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[ISBN 978-0-934485-68-5]

-v. 36, 2005 [published 2007], Collaboration
for the Dissemination of Geologic Information
Among Colleagues, ed. by A. Fleming [ISBN
0-934485-38-0]

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