



newsletter

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FROM THE PRESIDENT

The annual reports of activities from GIS Representatives and Committees are published in this issue of the Newsletter so that the members can read the reports and have time to formulate questions before the annual business meeting. At the Orlando meeting the chair or representative will be asked to add to or modify any aspect of the published report, but not to read or paraphrase it. After additions or modi-

fications the members are invited to discuss the reports.

Requests for GIS funding for the Australian geoscience conference next year should be submitted to me by December 15, 1985. All submissions will be reviewed by a committee, and all applicants will be notified about the final decisions. (Refer to the April, 1985 GIS Newsletter for further information about funding for this conference.)

Finally, since this is my last column for the Newsletter, I would like to thank everyone for their cooperation and willingness to work long hours for GIS. I enjoyed getting to know all of you better. I hope you can all come to Orlando in October, and I look forward to seeing you there.

FROM THE EDITORS

This issue of the GIS Newsletter is the last one before our annual meeting in Orlando in October. Of special importance are the annual reports from the various representatives and committees. All reports have been presented as they were given to Claren, without editorial change.

There are also various news items, another Library Profile, and a detailed list of the speakers and topics to be presented at the Technical Session and the GIS Symposium.

See you in Orlando in a few weeks.

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GIS members are encouraged to contribute articles or news of general interest to the membership. Please send any manuscripts to the Chairperson of the Editorial Board. All other items, such as citations, letters to the editor, job announcements, publication notices, and general news should be sent to the Newsletter Editor.

Material for the December Newsletter should be received by the editor no later than November 20, 1985.

The GIS Newsletter is published bi-monthly in February, April, June, August, October, and December by the Geoscience Information Society. Subscription to the Newsletter is \$20.00 per year and is included in the Society's annual membership dues. All correspondence relating to dues, membership status and address changes should be directed to the GIS Secretary.

GEOSCIENCE INFORMATION SOCIETY MEETING
ORLANDO, FLORIDA, OCTOBER 27-31, 1985

FINAL AGENDA

SUNDAY, October 27

2:00 pm - 5:00 pm — 1985 GIS Executive Board Meeting (Marriott Hotel: Pindo Room)

MONDAY, October 28

8:30 am - 12 n — GIS/AGI Workshop: Advanced GeoRef Users Roundtable
(Marriott Hotel: Oleander Room A)

2:00 pm - 3:00 pm — GIS Technical Session (Convention Center: Camillia Room)

6:00 pm - 9:00 pm — Cocktail Reception (Marriott Hotel: Lemon Room)

TUESDAY, October 29

8:30 am - 11:30 am — GIS Business Meeting (Marriott Hotel: Tangerine Room B)

12:00 n - 1:30 pm — Luncheon: Guest Speaker, Anthony R. Berger, Editor,
Episodes (IUGS) (Marriott Hotel: Lime Room)

1:30 pm - 5:30 pm — Symposium: Minis, Micros and Geoscience Information
(Convention Center: Orange Blossom Room EF)

WEDNESDAY, October 30

8:30 am - 12:30 pm — GeoRef Users Group Meeting (Marriott Hotel: Azalea Room AB)

1:30 pm - 3:30 pm — Research Libraries Group Conspectus Discussion Group
(Marriott Hotel: Lady Room)

THURSDAY, October 31

8:00 am - 12:30 pm — Poster Session: Library Fund Raising (Convention Center)

8:30 am - 12:00 n — GIS/AGI Workshop: Beginning GeoRef Users Roundtable
(Marriott Hotel: Oleander Room A)

1:00 pm - 3:00 pm — 1986 GIS Executive Board Meeting (Marriott Hotel, Azalea
Room A)

REMINDER: THE GEOREF WORKSHOPS

There will be two GeoRef workshops at the GIS/GSA meeting in Orlando. The "GeoRef Round-Table for Advanced Users" will be held October 28, from 8:30 am to 12:00 noon. Panelists will be Marilyn Stark, Colorado School of Mines; Phil Stoffer, AMOCO; and G. N. Rassam, GeoRef. If you would like to submit sample search questions for discussion, please send them to Miriam Sheaves.

The beginners' workshop, "GeoRef Workshop: Learn to Search the Geological Literature by Computer" will be held on October 31,

from 8:30 am to 12:00 noon. Presenters will be G. N. Rassam, GeoRef; Barbara Pearson, Exxon Production Research Company; and Jim O'Donnell Trinity University.

John Mulvihill will be presenting a demonstration of a "front-end" system—a software package that simplifies bibliographic searching on a microcomputer—at each workshop. There is no charge or pre-registration for either workshop.

For further details, contact Julie Jackson, AGI, or Miriam Sheaves, Geology Library, University of North Carolina.

GEOSCIENCE INFORMATION SOCIETY MEETING
ORLANDO, FLORIDA, OCTOBER 27-31, 1985

PAPERS TO BE PRESENTED

GIS TECHNICAL SESSION: Monday, October 28 (Convention Center: Camillia Room)

- 2:00 pm Julie H. Triplehorn and Dennis Stephens, "Evaluation of a geoscience library collection"
- 2:15 pm Mark Finnegan, "Geoscience indexing at Petroleum Abstracts"
- 2:30 pm John G. Mulvihill and Jean T. Eaglesfield, "Improving subject access in geoscience library catalogs"
- 2:45 pm Marilyn M. Stark, "Professional publication as a source of geoscience information"

GIS SYMPOSIUM: *Minis, Micros and Geoscience Information:* Tuesday, October 29 (Convention Center: Orange Blossom Room EF)

- 1:30 pm Annette Bourgeois, "Introduction"
- 1:40 pm Charlotte Derksen and Dederick Ward, "Uses of microcomputers in earth science libraries"
- 2:05 pm Dona Mary Dirlam, "The uses of microcomputers in selecting diamond terminology for indexing gemological literature"
- 2:30 pm Lois Heiser, "Use of commercial software for building local-use geoscience information data files"
- 2:55 pm Lawrence D. Meinert, "The use of microcomputer databases for geologic education and research: Bibliography, budget, commodity profiles, and grades"
- 3:20 pm Coffee break
- 3:35 pm David S. Reade, "Geoscan: A bibliographic database of Canadian geoscience literature"
- 4:00 pm Connie J. Manson, "Preparing a bibliography on a personal computer: The Washington thesis bibliography, 1901-1985"
- 4:25 pm Vivian S. Hall, "Micros in geoscience libraries"
- 4:50 pm Panel discussion

POSTER SESSION: Thursday, October 31 (Convention Center)

- 8:00 am - 12:30 pm Mary Ansi, "Funding for libraries"

ANNUAL REPORTS

GIS OFFICERS

SECRETARY'S REPORT

submitted by: Connie Wick,
Secretary.

As of August 27, 1985, the Geoscience Information Society had 306 members, including 227 personal members in the U.S., and 36 personal members from all other countries. Corporate memberships numbered 43, including two sustaining memberships: ESSO Australia, Ltd., and Broken Hill Proprietary Co., Ltd. The total membership increased by 1.5% over last year.

Thirty-one members did not renew this year, but we welcomed 41 new members: 35 personal and 6 corporate.

TREASURER'S REPORT

submitted by: John D. Crissinger,
Treasurer.

(Editor's note: The Treasurer's report is reprinted in full on page 6.)

REPRESENTATIVES

AMERICAN GEOLOGICAL INSTITUTE, MEMBER SOCIETY COUNCIL

reported by: Unni Haven Rowell,
representative.

The AGI Member Society Council has one representative from each of the 17 member societies and meets twice a year: during the annual meetings of the Geological Society of America and of the American Association of Petroleum Geologists. The Council meets to elect officers of the AGI Executive committee, to recommend recipients for awards given by AGI, to hear reports on AGI activities, and to discuss, suggest, and possibly vote over future policies and projects. The Council is for part of the time joined by the AGI Executive Committee for exchange of ideas, information and decisions. The GIS repre-

sentative is appointed by the GIS President for a period of three years.

The 1985 Spring Meeting was held on March 27th in New Orleans, at the headquarters of the AAPG convention.

Elections: The Council heard recommendations from the Nominating Committee for AGI officers for 1986. James F. Davis (State Geologist of California) was elected AGI Vice President/President-Elect. Frank W. Harrison, Jr. of Lafayette, LA will enter a two-year term as Treasurer.

Awards: The Council voted on the nominations presented for this year's awards. Robert L. Heller, Provost of the University of Minnesota, Duluth, will be the recipient of the 1985 medal in memory of Ian Campbell. The 1985 William Pecora award will be given to William J. Hinze, Professor at Purdue University.

There are strong concerns about the lack of visibility the geosciences have in our society and the low priority geosciences are given in multidisciplinary educational studies and national science programmes. It has become vital to inform and educate the public on geological issues. On this background the AGI Council decided last year to institute a new and different kind of award: one to be given for a contribution or contributions leading to greater public appreciation and better understanding of the role of geology in the affairs of our society. Guidelines for this award were set by the Council. The 1985 recipient was BBC, for its TV production "The Making of a Continent."

Congressional Fellow: The desirability of a congressional fellow representing the earth sciences was once more discussed by the Council. Member societies will be contacted to determine the interest, more specifically is there is sufficient financial support to keep a representative in Washington.



ANNUAL REPORT
GIS OFFICERS
GEOSCIENCE INFORMATION SOCIETY - FINANCIAL REPORT

January 1, 1985 - September 1, 1985
Interim Report

Balance : 1984 VA Checking: \$ 3382.14 CA Checking: \$ 7136.55

Income:

Dues - Individual.....	\$ 5127.00
Corporate.....	1170.00
Sustaining.....	200.00
Publications - Newsletter.....	290.00
Proceedings.....	1701.00
Checks reissued and to collection..	75.00
Interest on checking accounts.....	484.26
TOTAL:	\$ 9047.26

Expenses:

AGI Dues.....	\$ 451.00
Annual meeting (Reno).....	42.96
Fieldtrip Guidebook.	141.47
Committees - Directory of Geosc. Lib.	140.63
Guidebook.....	214.99
Nominating.....	95.70
Officers - Publication Manager.....	72.23
Secretary.....	144.43
Publications - Directory.....	893.97
Newsletter.....	1680.51
Proceedings.....	3446.45
Reimbursements.....	12.00
Supplies.....	59.00
Miscellaneous (mostly newsletter)...	626.73
Problem Checks.....	157.00
TOTAL:	\$ 8179.07

Balance: September 1, 1985 \$ 11,386.88

The AGI Foundation: The American Geological Institute Foundation was organized in 1984. Its objective is to raise and administer funds to promote success for AGI's service to the geoscience community and the American public. A booklet describing the Foundation will be available for inspection at the GIS Business Meeting.

Geoscience Manpower Study: An AGI Manpower Advisory Committee has started a project to analyze the background, education, subject specialties, salaries, and employment situation for the broad range of personnel in the geosciences, with forecasts for personnel demand for the next two to five years. The two-year project is estimated to cost \$400,000 and should be financed through the AGI Foundation. By April this year commitments had been received for \$62,000. A tentative questionnaire received by Yours truly was returned with suggestions for changes. The final questionnaire will go out to all the Member Societies.

GeoRef: Of more direct interest and importance to our Society are the affairs of GeoRef. Thanks to the drive of the Industrial Task Force the financial situation is much improved. Contributions from the industry were \$141,000 in 1984, \$87,000 of which were carried over to 1985. The new cost structure for GeoRef usage is believed to keep the system healthy in the future. The AGI management and Executive Committee have acknowledged user concerns that GeoRef support funds be used for GeoRef projects only, but there still seems to be a question of AGI overhead. Priorities from the GeoRef User Group and Advisory Committee are largely followed, but they, as well as the support funds, need to be monitored. For detailed information on GeoRef projects, GIS members are referred to the report from our User Group and Advisory Committee Representative.

"Investigating The Earth": A copy of the latest edition of this book, published by AGI, was received for comments

and suggestions for future editions. Yours truly made some general comments, mostly on illustrative material, and proposed a new librarians' career vignette; substituting one quite old-fashioned in scope and image. The book and the suggested alterations will be available for inspection at the GIS Business Meeting.

Geotimes and Earth Science: These AGI publications have a hard time financially. Geotimes has break-even point of 14,000 copies, Earth Science of 10,000. The Earth Science Editor would like to receive more manuscripts—the readership and scope of this publication are suitable for geoscience information material, and I encourage GIS members to contribute with articles of a general, popular and informative character.

The next meeting of the AGI Member Society Council will be held Thursday October 31st, 1985 in Orlando. The GIS membership is invited to contact me about any issues to be brought up at that meeting.

CARTOGRAPHIC USERS ADVISORY COUNCIL

reported by: Nancy Pruett,
representative.

The Cartographic Users Advisory Council (CUAC) met once this year in January in Washington, D.C. Representatives from a number of government agencies met with us to discuss availability and accessibility of their cartographic products. The report of the meeting was published in the February, 1985 GIS Newsletter. The next meeting is not yet scheduled.

SPECIAL LIBRARIES ASSOCIATION, GEOGRAPHY AND MAP DIVISION

reported by: Dorothy McGarry,
representative

Information on the business meetings of the Division appeared in the August 1985 GIS Newsletter. Other activities of the Division at the annual SLA conference included:

Lunch and program; speaker Randy R. Rostecki of the Manitoba Department of Culture, Heritage and Recreation, speaking on "The Growth of the Canadian Chicato: The Winnipeg Business District, 1870-1920."

Lunch and program; speaker Judith Field of the Flint Public Library, speaking on "Widening Your Geographical Horizons: A Personal Approach."

Reception and tour of exhibits at the Provincial Archives in Winnipeg.

A joint session with the Petroleum and Energy Resources Division on "Geologic and Cartographic Information in Canada."

A contributed papers session on "Research in Progress."

I was unable to attend the program meetings of the Division, although I did attend the business meetings, so I would not be able to answer questions on the speeches. If anyone has questions about the business activities, I shall be glad to answer them, or to find out the answers.

GEOREF ADVISORY BOARD

reported by: Nancy Pruett,
representative.

The GeoRef Advisory Committee has had a busy year, and has met several times. My report was published in the last GIS Newsletter and there are no new developments.

COMMITTEES AND INDIVIDUAL APPOINTMENTS

ANNUAL MEETING EXHIBIT

reported by: John D. Crissinger,
Exhibit manager

The exhibit for the 1985 annual meeting in Orlando is progressing smoothly. Requests for photographs and volunteers to staff the booth have been submitted to the GIS Newsletter editor. Thus far, new photographs have been slow to some

forth. Claren Kidd is the only person to submit new photographs.

New lettering on the signboard of the exhibit has just been completed. The result is a much more professional display than that created last year with the stick-on lettering.

Booth assignments for the Orlando meeting have been made with GIS occupying booth 234. This appears to be a fairly advantageous location. Exhibit area colors this year will be plum carpeting with plum and white draping.

Suggestions for the GIS Executive Board to consider by the annual meeting include whether or not to replace the incumbent exhibit coordinator after the Orlando meeting; appointment of a "coordinator" in Adelaide to assume responsibility for receipt, set up and return of the display; and attendance at other Australian meetings with the display prior to its return to the United States. Also, a basic plan of stocking the booth with fresh and current materials needs to be developed.

COMMITTEE FOR THE THIRD INTERNATIONAL CONFERENCE ON GEOLOGICAL INFORMATION, 1986, ADELAIDE

reported by: Nancy Pruett,
GIS Liaison.

The Third International Conference is scheduled for June 1-6, 1986 in Adelaide, Australia. Abstracts have been submitted and accepted, and the Second Circular should be out soon after the first of the year. A number of GIS members are participating in the program as it stands now, and hopefully even more will be able to attend. I've given feedback several times to the Australians in the program planning process, and will have an opportunity to see the Second Circular before it is sent out.

MEMBERSHIP COMMITTEE

reported by: Dena Fracolli Stepp,
chair.

During the first part of 1985 the Membership Committee, with special thanks to Ralph Farrar at Marathon Oil Co., created a database of GIS membership. A Membership Directory has been produced. When renewal time comes, we hope to include a printout of each member's data for each of us to update, rather than having each of us rewrite all our information on a renewal form.

We have received the following suggestions to improve next year's edition of the membership directory:

1. Subdivide the geographic index by cities as well as by states for the U.S. and Canada.
2. List the institutional members separately.
3. Alphabetize the lists of member names within the geographic and the organizational indexes.
4. Consider a 2-column format, to save on printing and mailing costs.
5. Include a section on GIS History, and a summary of the membership—i.e., number of members.
6. Include an address change form and a membership application form in the Directory. (See the Association of Earth Science Editors Directory.)
7. Make all geographic index pages one color, all organization index pages another color, leaving the alphabetical name pages white.
8. Print the "New Members" list in each Newsletter on label stock so that they can be peeled off to easily update our directory pages.

Approximately 40 brochures have been mailed out to potential new members. More may be sent out later this year, as the membership list makes it easier to tell who is and who is not already a GIS member.

NEWSLETTER EDITORS

reported by: Judy Geitgey and Connie Manson, *co-editors.*

There were a lot of changes in the GIS Newsletter in 1985. For the first time the editorial duties were divided between

two co-editors: Judy Geitgey, who solicits and collects the information and articles, and Connie Manson, who produces and mails the final Newsletter.

We've tried to present a variety of information in a timely fashion, and we have made some changes in the format. Besides the regular features, (From the President, Announcements, Publications, etc.), we've also included special articles, various committee reports, and some new features: the series of Library Profiles and The Information Exchange.

We're looking forward to getting your ideas on ways to further improve the Newsletter. Are there kinds of features you'd like to see more (or less) of? Should we upgrade it to include color printing or photographs? Should we include advertising?

Come armed with ideas and we'll see you in Orlando.

PUBLICATIONS MANAGER

reported by: Jim O'Donnell,
publications manager

Sales of GIS publications picked up significantly this year, thanks to the publication of two volumes of Proceedings and the continuation of the sale on early issues. As the attached inventory indicates, there was sales activity on all volumes, with the expected emphasis on more recent publications.

Standing orders for the Proceedings currently total 41. While there have been some delays in payment on these volumes, which are shipped with invoice enclosed, standing orders are working quite well.

Paid Newsletter subscriptions stand at 23.

Demand for the brochure "Careers in Geoscience Information" has been strong all year: over 200 have been mailed out, and a recent surge of requests indicates that demand is not slacking off.

Other activities of the year included:

- The establishment of an ISBN prefix for the Society's publications. Henceforth, each volume of the Proceedings will sport both an ISSN and its own ISBN. This is in line with requirements for the listing of individual volumes in Books in Print. Also, future monographic publications intended primarily for sale will be assigned an ISBN. At present this does not include the membership directory.
- UMI Books on Demand is now handling any orders for Proceedings Volume 5.
- Our entries in Associations' Publications in Print and in Interdok's Directory of Published Proceedings, Series SEMT are current.
- The Publications Manager assumed, with Volume 15, responsibility for the distribution of complimentary review/index/gift copies of the Proceedings. This year 25 were mailed out.

Areas for concern in the coming year:

- Subscription prices for 1986 Newsletter.
- Free subscriptions to the Newsletter.
- Price for 1986 Proceedings.

Special thanks are once again due to Inventory Manager Aphrodite Mamoulides.

Sales Activity 9/5/84 - 9/5/85

	current inventory (9/5/85)	net change from 9/5/84
v. 2	91	-10
v. 3	93	-12
v. 4	42	-10
v. 5	op	- 3
v. 6	29	-10
v. 7	84	- 9
v. 8	52	-11
v. 9	132	-13
v. 10	86	-13
v. 11	32	-15
v. 12	41	-20
v. 13*	111	-45
v. 14	113	-54
v. 15**	220	-68***
TOTAL volumes distributed:		292***

* Inventory received 1/29/85

** Inventory received 3/13/85

*** Includes distribution of 25 complimentary copies

NEWSLETTER EDITORIAL BOARD

reported by: Miriam L. Sheaves,
chair.

Members of the Editorial Board for 1985 are Barbara Christy (Library of Congress), Katherine Shanks (AAPG), Miriam Sheaves (University of North Carolina), and Judy Geitgey, ex officio, as Newsletter Editor (University of Oregon).

The Board published the "Operational Guidelines for the Newsletter Editorial Board" in the February, 1985 issue of the *GIS Newsletter*. The "Instructions for Contributors" were also published in each subsequent issue. To date, one article has been received by the Board and has been reviewed and approved for publication. The Board hopes that having the "Instructions for Contributors" appear in each issue will be a source of reminder and encouragement for authors to submit their papers to the *GIS Newsletter*. One potential author has been contacted by the Board. Board members are currently checking into criteria for being indexed in such sources as *Bibliography and Index of Geology* and *Library Literature*, which we hope will be an incentive to potential contributors if they know their articles will have additional exposure through various indexes.

The Board welcomes suggestions from the membership and readership.

NOMINATING COMMITTEE

reported by: Julie Bichteler, John Crissinger, and Unni Rowell, chair.

The 1985 Nominating Committee has the pleasure to announce the results of the 1985 election in the Society:

ROBERT A. BIER, JR. of Denver, Colorado is the new GIS Vice President/President-Elect, taking office at the end of the 1985 annual meeting.

MARY B. ANSARI of Reno, Nevada is the Treasurer. Her term is for two years, Commencing January 1, 1986.

We congratulate them, wish them good luck, and guarantee an interesting time as GIS officers.

GUIDEBOOKS COMMITTEE

reported by: Beatrice Lukens,
chair.

By November of 1984, progress on the compilation of the 4th ed. of the UNION LIST OF GEOLOGIC FIELD TRIP GUIDEBOOKS OF NORTH AMERICA included the inspection, comparison and sorting of the titles reported by participants. New titles had been sent to John Mulvihill for input into the UNION LIST database.

In process, at that time, was the adding of information on library holdings to computer print-out work sheets. The holdings information was derived from the New Guidebooks lists, Reported Holdings lists, and the forms for reporting new field trip guidebooks received from participants.

The work sheet record of the holdings has now been completed with more questions arising. Answering the new questions and copying from the working record to make a more readable piece to send to John Mulvihill is in progress. As sections are completed, they are being forwarded to John.

In the effort to complete this edition as soon as possible, I have been calling upon librarians whose libraries hold particular titles for assistance. I want to express my gratitude and appreciation for the willing and gracious help that I have received. It helps to make this last phase proceed more smoothly.

1988 GSA CENTENNIAL MEETING PROGRAM COMMITTEE

reported by: Dederick Ward,
chair.

In 1988, a ten-year series of special public information and scientific events on North American geology will culminate at the annual meeting of GSA in Denver. GIS has been invited to contribute to this special intellectual celebration, which, by the way, will see a different balance in the normal mix of symposia and 15 minute paper sessions.

The GIS 1988 Centennial Committee will begin preparation of our society's contribution at our Business Meeting in Orlando by asking GIS members to suggest topics for our own session and for ideas of other geoscience information activities which may appropriately be announced or culminated in 1988.

William W. Hay, who is Director of the Museum at the University of Colorado, Boulder, will chair the program for GSA. A letter to the societies from him is forthcoming, and I will have this at Orlando. According to Hay, there will be historical papers. At this early stage we may wish to determine the mix of papers devoted to past, present, and future. Should we bring in sociological and political issues? Can we influence the publication of books, the improvement of databases, and the creation of special databases to coincide with the Centennial?

Your members of the 1988 GSA Centennial Meeting Program are Dedy Ward (chair), Bob Bier, Fran Drummond, Hart Phinney, and Unni Rowell. Our addresses and phone numbers are in the new GIS Directory.

BEST PAPER AWARD

reported by: Rosalind Walcott,
chair.

The Committee has formulated a set of guidelines for choosing the paper for the GIS Best Paper Award, and a rating sheet to use for judging the nominated papers, (see attached). A Call for Nominations for the first award was printed in the August issue of the GIS Newsletter. The Committee hopes to make the first award in Orlando this year.

GIS BEST PAPER AWARD GUIDELINES

1. Nominations for the annual GIS Best Paper Award shall be solicited from the GIS membership through the GIS Newsletter. The nomination deadline should not be later than two months before the

GIS Annual Meeting.

2. Authors of the nominated papers need not be members of GIS, and may be single or multiple authors, with no restrictions as to nationality or publisher.

3. The nominated paper shall have been published during the previous calendar year.

4. Nominations shall be received and judged by the GIS Committee for the Best Paper Award. Each nominated paper shall be read by each member of the Committee.

5. Nominated papers shall be rated using the following criteria:

a. The paper should be a significant contribution to the field of geoscience information.

b. The paper should show originality, creativity, and provide new insights, methods or applications.

c. The paper should be scholarly,

and show evidence of thorough research, up-to-date documentation, and critical evaluation.

d. The paper should be clearly written, well organized and communicate its message effectively.

e. The paper should demonstrate the professional competence of the author(s).

6. The recommendations of the committee shall be submitted to the GIS Executive Board for the final selection, and the announcement of the winner of the award shall be made at the GIS Annual Business Meeting.

7. The award shall consist of a citation to be published by GIS and GSA. It is recommended that the framed citation should be presented to the winner of the award at the GIS Luncheon if this is feasible.

GIS BEST PAPER AWARD RATING FORM

AUTHOR OF NOMINATED PAPER:

TITLE OF NOMINATED PAPER:

All nominated papers should be rated using a scale of 1 to 5 for each criteria:
1. Unsatisfactory; 2. Satisfactory; 3. Good; 4. Excellent; 5. Outstanding.

CRITERION

1

2

3

4

5

1. Significance

2. Originality

3. Communication effectiveness

4. Scholarship

5. Knowledge of the profession

6. Other (specify)

TOTAL SCORE

NAME OF RATER:

DIRECTORY OF GEOSCIENCE LIBRARIES

reported by: Nancy Crossfield,
chair.

The GIS Committee to Revise the Directory of Geoscience Libraries was charged with producing a new edition of the *Directory of Geoscience Libraries, U.S. and Canada*, last revised by Richard Walker and Diane Parker in 1974. The present committee includes Liz Frebold, Mark Finnegan, and Charlene Sullivan, and has made good progress during the past year.

The committee first drafted a questionnaire to be sent to geoscience libraries. A notice in the *GIS Newsletter* solicited suggestions on both questionnaire and library addresses from GIS members.

A mailing list was prepared consisting of addresses of all GIS members in the U.S. and Canada, all 327 libraries included in the 1974 edition, other likely libraries (from the 1985 *Canadian Library Yearbook*, *American Library Directory*, Special Library Association membership lists, and suggestions from GIS members), state and provincial geological surveys, and chairmen of most departments listed in the *AGI Directory of Geoscience Departments*. Duplicate mailings were eliminated when possible, but department addresses were typically included even if duplicates in order to make department chairmen aware of this project and of their geoscience resources. Some mailing labels were provided by GIS and AGI; all others were prepared by the committee.

In August, approximately 1200 questionnaires were mailed. A return date of September 30th was stamped on most, in hopes of encouraging prompt responses. Follow-ups will be made only to non-responding libraries either in the 1974 edition or judged to be potential new entries.

In 1986, it is planned to edit all responses and enter all pertinent data from the responses using either word-processing or database software on a microcomputer. Data may then be edited

and proofed, and the actual directory should be printed in 1986.

AD HOC COMMITTEES

AD HOC COMMITTEE TO DEVELOP THE CRITERIA FOR REVIEWING GEOSCIENCE JOURNALS

reported by: John D. Crissinger,
chair.

The Ad Hoc Committee to Develop the Criteria for Reviewing Geoscience Journals has progressed quite well. Response to the draft criteria checklist was positive for the most part. Input has come from committee members and one interested outside party. Dr. Spilhaus submitted a very nice response outlining several points to be considered which the Chair has taken under consideration.

A final draft is being prepared and will soon be circulated to the committee members and Executive Board for their final comments and suggestions. The committee hopes to distribute the checklist at the Orlando meeting through the exhibit booth and annual business meeting. Comments and suggestions received at that time may be incorporated in a revised edition for publication in various geoscience journals such as *EOS*, *Geotimes*, *GIS Newsletter*, etc.

Members of the committee include Ina Brownridge at SUNY-Binghamton, Gerald Friedman at Rensselaer Polytechnic Institute, Barbara Pearson at Exxon Production Research, and John D. Crissinger (chair) at Ambassador College-Big Sandy. The Chair appreciates the committee's valuable contribution without which this checklist could not have been developed.

AD HOC COMMITTEE ON SUBJECT TERMS

reported by: Elizabeth Morrissett,
chair.

A research project comparing the GeoRef subject thesaurus with the Library of Congress Subject Headings list announced by John Mulvihill (AGI) and Jean Eagles-

field made other work less urgent, since this report will certainly help influence the thinking about the Library of Congress resistance to improving geology subject terms.

Letters and phone calls were used during the year to negotiate with the Washington Library Network (now Western Library Network) and RLN main offices about possibilities of striking out and using subject thesauri from other sources than the Library of Congress, to expand those subject areas now inadequate for the WLN and RLN search capacities. No answer has come on this as yet, although there is some openness and awareness of the problems for reference. An approved thesaurus which the GIS would support is requested as a first step.

A poster session at the Rocky Mountain Geological Society of America conference in Boise was presented on the problem of the current library service to geologists and the need for reform of subject terms used by libraries. One hundred twenty-five persons looked over the presentation and some twenty-five discussed the problems they have in libraries by Elizabeth Morrissett, the author.

Continued correspondence with Mary Kay Pietras of the Subject Cataloging Division of the Library of Congress has gone on. She has announced that one difficulty has been hiring science people, since all subject catalogers are required to have two European languages (shades of E. Morrissett's youth) and therefore many qualified persons cannot be considered, and never leave the Personnel screening area. Suggestions for improved catalog subject terms sent to her are always considered and a larger lobby would be helpful.

Address her at:

Mary Kay Pietras
Subject Cataloging Division
Library of Congress
Washington, D. C. 20054

with a copy to Lucia Rather, Head of Technical Services, same address.

At the annual meeting further work with RLN and WLN will be discussed.

AD HOC COMMITTEE ON UNIVERSITY MICROFILMS/MAP STANDARDS

reported by: Susan Klimley,
chair.

No activity.

In March 1984, it became clear that I would not be able to continue as chair of the UMI dissertation/map standards committee because of my commitments to other research projects. An unsuccessful attempt was made to find a replacement for chair of the committee. Under the circumstances, I would like to recommend appointment of a new chair for this committee. My interest in this topic continues and I expect to continue my work on the general problem of preservation in geology in the coming year. I would be very happy to continue to serve on this committee in the future.

MEMBERS IN THE NEWS

CARLTON H. STOWE was named president of the Utah Petroleum Association and as Vice-President of the Rocky Mountain Oil and Gas Association, Utah/Idaho Division.

Mr. Stowe, formerly Chief of Information Services, Utah Geological and Mineral Survey, has had a long career as a certified professional landman and as a professional management consultant. He recently was President and Chief Executive Officer of STOCO, Inc., and was President and Chairman of the Board of Rocky Mountain Natural Resources Corp.

LIBRARY PROFILE :
MINES LIBRARY, UNIVERSITY OF NEVADA-RENO

by

Mary B. Ansari
Mines Library
University of Nevada, Reno
Reno, Nevada 89557-0044

The University of Nevada Reno (UNR) Mines Library is unusual in that it houses in one branch library the subjects of geoscience, mining engineering, metallurgical engineering, chemical engineering, and physical geography. In addition, UNR Library's map collection is contained in Mines Library. Many researchers from throughout the West come to UNR to use Mines Library because of the convenience of having these mineral industry collections drawn together under one roof in one compact facility.

Mines Library's holdings number approximately 35,000 bound volumes, 22,000 microforms, and 100,000 map sheets. Over 300 periodical titles are currently received by the Library. The Library houses the U.S. Geological Survey and U.S. Bureau of Mines depository collections. The geographic emphasis of the book and map collections is on Nevada, eastern California, and the Great Basin. The map collection maintains map depository agreements with the U.S. Geological Survey and the Defense Mapping Agency. Emphasis of the map collection is on topographic and geologic mapping.

Because of Mines' geographic emphasis on Nevada, the library staff maintains a special card file on Nevada geology and mining, known as the Nevada file. In order to facilitate reference work on Nevada, Mines' staff began the compilation of the Nevada File in the early 1970's. From its modest beginnings in one file drawer, the file has grown to approximately 30,000 cards and is one of the most heavily used reference tools in the library. The file includes references to journal articles, government reports, theses/disserta-

tions, books, maps, and open file reports. Heavy emphasis is given to indexing references by geographic area, e.g., name of county, quadrangle, mine/mining district, mountain range, valley, canyon, etc. Many references are extracted from the library's SDI on Nevada from the GEOREF database. Hopefully, in the not-too-distant future, the Nevada File will be transformed into an on-line database.

A special collection of the library is its thesis collection on Nevada geology. In addition to theses/dissertations produced at the Mackay School of Mines (MSM), the library endeavors to collect all theses/dissertations written on the geology of Nevada. For masters' theses from institutions not belonging to University Microfilms, the collection is less comprehensive than it used to be because of copyright restrictions and the difficulties involved in obtaining the author's permission to copy.

Since 1982 MSM has directed a Generic Mineral Waste Treatment and Recovery Center, which is funded by the Mineral Institutes in the U.S. Bureau of Mines (USBM). As part of the program, Mines Library is designated as a Mineral Waste Treatment and Recovery Reference Center. The library receives some money from the USBM grant for the purposes of collection development in the area of mineral waste treatment and recovery. Also, an extensive computer-generated mineral waste treatment and recovery bibliography is being compiled by the library.

Mines Library is housed in an 8,000 square foot facility on the ground

floor of UNR's main library building. Plans for a new library to be housed in MSM are in their embryonic stages. A floor plan of the present library is contained in a 1979 article on the establishment of the map room (Ansari, 1979).

DIALOG and BRS computer searches are available for a fee. Databases most commonly searched are GEOREF, COMPENDEX, METADEX, and SCISEARCH.

Mines Library serves the earth science and mining literature needs of MSM, the Nevada Bureau of Mines and Geology, local mining and exploration firms, and the rest of the State. Each year over 2,000 off-campus clientele from industry and government use the library's research facilities. Our visitor register lists clientele from throughout the West, the rest of the U.S., and even some foreign countries. Library staff provides reference assistance to all users regardless of affiliation; our first service obligation, however, is to the students and faculty of MSM. In order to borrow materials, local users

must obtain a library card. Others may borrow through interlibrary loan.

Mines Library is open 8 a.m. to 10 p.m. Monday through Thursday, 8 a.m. to 5 p.m. Friday, 1 p.m. to 5 p.m. Saturday, and 1 p.m. to 5 p.m. and 7 p.m. to 10 p.m. Sunday. Summer hours are 8 a.m. to 5 p.m. Monday through Friday and 10 a.m. to 2 p.m. on Saturday. Telephone: 702/784-6596.

The library issues a quarterly new book and map list, which is available upon request. Linda Newman, Assistant Mines and Map Librarian, has just completed a 60-page listing of MSM theses covering the years 1908-1983, complete with subject and degree indexes; price information is available from Linda Newman c/o Mines Library.

Reference

Ansari, M. B., 1979, New map room opens at the University of Nevada, Reno: Special Libraries Association Geography and Map Division Bulletin 116, p. 40-42.

PUBLICATIONS

Van Balen, John, compiler, 1985, *Index to maps in earth science publications, 1963-1983*: Greenwood Press (Westport, Conn.) \$49.95; ISBN 0-313-24963-6.

"Geologists and other earth scientists will find this cartobibliography useful in locating geologic maps found in recently published books and periodical literature. It lists more than 4,900 maps, covering some 320 geographic areas, that were published in selected earth science journals between 1981 and 1982 and in selected monographs between 1963 and 1983... The Index is divided into three major sections. Part I lists maps geographically... Part II is a listing of sources in which the maps are located... An author index constitutes Part III..."

from: Publisher's announcement

The Mineral Resources Map, Offshore Oregon, by J. J. Gray and L. D. Kulm has been published by the Oregon Department of Geology and Mineral Industries (DOGAMI) as its Geological Map Series GMS-37, at scale 1:500,000.

The map was produced cooperatively by the U.S. Minerals Management Service, the Oregon State University College of Oceanography, and DOGAMI. It sells for \$6 and is available from:

Oregon Department of Geology and
Mineral Industries
910 State Office Building
1400 S.W. Fifth Avenue
Portland, OR 97201

Orders under \$50 require prepayment.

A new volume in the Van Nostrand-Reinhold earth science encyclopedia series, *The Encyclopedia of the History of Earth Science*, will be published in 1986. It will contain about 700 pages in 2 parts: Part A, Subjects (disciplines, problems), and Part B, Biographies (about 600 names). For more information, contact:

Dr. R. W. Fairbridge
420 Riverside Drive, 2B
New York, NY 10025

A new four-color bathymetric chart of Lake Michigan (scale 1:800,000), by Ratko J. Ristic, of the Center for Great Lakes Studies, University of Wisconsin, and Jovanka Ristic, of the American Geographical Society Collection, University of Wisconsin Library, has been published. Besides bathymetric data (in 30-foot contour intervals), the map show morphometric parameters, water levels, and currents.

The map is available (rolled) for \$5.00 plus \$1.50 shipping and handling from:

Ratko J. Ristic
3558 North Murray Avenue
Shorewood, Wisconsin 53211

NEW JOURNAL TO BE PUBLISHED BY AGU

In 1986, the American Geophysical Union (AGU) will publish a new journal, *Paleoceanography*. It will publish papers dealing with the marine sedimentary record from the present ocean basins and margins and from exposures of ancient marine sediments on the continents. The journal will be global and regional in scope rather than local, and of any age (Precambrian to the Quaternary), including modern analogs.

For information on subscriptions, contact:

American Geophysical Union
Marketing Dept.
2000 Florida Avenue, N.W.
Washington, D. C. 20009

ANNOUNCEMENTS

GEOREF ADDS 1785 - 1918 PUBLICATIONS

GeoRef has added the 40,322 references from the *Bibliography and Index of North American Geology*, 1785-1918 to its database, so now researchers can use GeoRef to access North American geological references from 1785 to the present. The addition increases the size of the database to more than 1,000,000 citations.

References from 1785-1960 are currently searchable only on DIALOG and CAN/OLE. SDC plans to reload the database later this year and make the pre-1961 citations available then. In the process of adding the final segment of the North American backfile, DIALOG has removed duplicated references that were introduced when overlapping bibliographies were added to the database. SDC will also remove duplicates when they reload GeoRef.

This addition is part of GeoRef's ongoing effort to add major early bibliographies to its database. GeoRef's international coverage runs from 1967 to the present and work is already underway to add the *Bibliography and Index of Geology Exclusive of North America*, 1933 to 1966. The backfile project is funded jointly by AGI and the USGS.

WARNING!!!

Many earth science libraries and information centers are probably receiving Van Nostrand Reinhold's book catalog, "Earth Science, Geography, and Soil Science Catalog 1985." Be warned that not all entries contain full bibliographic details. We in Lindgren Library at MIT found a few titles to be parts of the Benchmark Papers in Geology (which happens to be a series that we do not purchase), and this series was not designated as part of the advertisement for the books.

LIBRARY U. OF I. URBANA-CHAMPAIGN

INSTRUCTIONS FOR CONTRIBUTORS

The GIS Newsletter welcomes original, previously unpublished English language papers related to geoscience information. Manuscripts should be typed on opaque paper, on one side only, double-spaced throughout, with 3 cm margins on all sides, and all pages numbered consecutively. Length should not exceed 12 pages.

The title page should include the title, the name(s) of the author(s) and their institutional address(es). References should be mentioned in the text (author and date), with a list of "References cited" appearing at the end of the paper, following GSA reference style. Provide on a separate sheet an informative abstract of no more than 200 words and a biographical sketch of the author(s), of

no more than 100 words, which includes current position and education.

Clear, black and white (glossy) photographs and illustrations with strong contrast should be submitted on separate sheets from the text and numbered consecutively in order of reference in the text. Tables and figures should be submitted on separate sheets from the text, numbered, and referred to in the text by number.

Send two (2) copies of the manuscript to the Chairperson, GIS Newsletter Editorial Board. Include a phone number where the author(s) may be reached and a self-addressed stamped envelope for notification of receipt of manuscript. Each manuscript will be reviewed by at least two persons.

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