



# newsletter

Number 102, October, 1986

ISSN 0046-5801

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## FROM THE EDITORS

This issue of the Newsletter includes the final agenda for the San Antonio meeting, with the lists of papers and posters to be presented.

It promises to be an exciting and informative meeting— See you there!

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## 1985 GIS OFFICERS

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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 editors no later than November 15, 1986.

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The *GIS Newsletter* is published bi-monthly in February, April, June, August, October, and December by the Geoscience Information Society. Subscription to the *Newsletter* is \$30.00 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.

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GEOSCIENCE INFORMATION SOCIETY MEETING  
SAN ANTONIO, TEXAS, NOVEMBER 9-13, 1986

AGENDA

SUNDAY, November 9

2:00 pm - 5:00 pm -- 1986 GIS Executive Board Meeting  
Hyatt

MONDAY, November 10

8:00 am - 12:00 -- GIS Poster Session (Booths 27 & 28)  
Convention Center

1:00 pm - 5:00 pm -- GIS Symposium (The User and Geoscience Information)  
Convention Center - Fiesta C  
(4:00 - 5:00 : Open discussion of symposium  
and other geoscience information topics of  
interest to the audience)

7:00 pm - 10:00 pm -- GIS Cocktail Party  
Hyatt

TUESDAY, November 11

8:00 am - 12:00 -- GIS Business Meeting  
Hilton

12:00 - 2:00 pm -- GIS Luncheon: Guest Speaker, Dr. Donald  
McIntyre, Geology Professor, Pomona College

2:00 pm - 4:00 pm -- Ad Hoc Committee on GIS's computer needs  
Hilton

WEDNESDAY, November 12

8:00 am - 12:00 -- GeoRef Beginners Workshop  
Hilton

9:00 am - 12:00 -- 1987 GIS Executive Board Meeting  
Hilton

12:30 pm - 8ish -- GIS Field trip to Enchanted Rock and  
dinner at the Settlement Inn  
Leave from Convention Center, north side  
of performing arts theater.

THURSDAY, November 13,

8:00 am - 12:00 -- GeoRef Trainers Workshop  
Hilton

1:00 pm - 5:00 pm -- GIS Technical Session (Joint session with  
Geological Education)  
Convention Center - Fiesta D

**Monday, November 10, POSTER SESSION, 8am--10am**

- Michele M. Carus, John R. Giardino\*, Robert S. Bednarz, Robert Maggio: USING GEOGRAPHIC INFORMATION SYSTEMS FOR GEOLOGIC ENGINEERING EVALUATIONS IN THE COASTAL ZONE: GALVESTON ISLAND, TEXAS [88402] ..... Booth 27
- Steven S. Barrell\*, Kenneth T. Fitzpatrick, Ellis A. Monash, Gerald J. Edler, John C. Fordham, Thomas J. Adler: INTEGRATION OF COMPUTER-GENERATED MAPS AND LAND RECORDS IN A GEOLOGIC ENVIRONMENT [109643] ..... Booth 28

**Monday, November 10, GIS SYMPOSIUM, 1pm--5pm**

**GIS SYMPOSIUM: THE USER AND GEOSCIENCE INFORMATION**  
 Fiesta C Room, Convention Center, 1:00 P.M.

Robert A. Bier, Jr., Presiding

- INTRODUCTION ..... 1:00 P
- 1 Wilton N. Melhorn\*, Carolyn J. Laffoon:  
 PERCEPTIONS FROM BEYOND THE STACKS: A  
 USER'S VIEW OF GEOSCIENCES LIBRARIES  
 [94870] ..... 1:05 P
- 2 Vicky A. Perlman\*: IN SEARCH OF THE PERFECT  
 LIBRARY [106011] ..... 1:30 P
- 3 Dennis R. Trombatore\*: DRAWING USERS AND  
 SERVICES INTO FOCUS: PUBLIC RELATIONS AND  
 MARKETING IN EARTH SCIENCE LIBRARIES  
 [104436] ..... 1:55 P
- 4 Janice H. Sorensen\*: GEOSCIENCE INFORMATION  
 IN KANSAS: COLLECTION, MANAGEMENT, AND THE  
 USER [106010] ..... 2:20 P
- 5 Susan Garbini\*: INCORPORATING EARTH SCIENCE  
 INFORMATION INTO THE PUBLIC POLICY PROCESS  
 [108346] ..... 2:45 P
- 6 Julie H. Bichteler\*: END USER DATABASE  
 SEARCHING IN GEOSCIENCE [104435] ..... 3:10 P
- 7 Alison M. Lewis\*: GEOSCIENCE INFORMATION:  
 USER NEEDS AND LIBRARY ORGANIZATION  
 [104437] ..... 3:35 P

Thursday, November 13, GIS TECHNICAL SESSION, 1pm-5pm

NO: 81 SESSION, ANNUAL MEETING

GEOLOGICAL EDUCATION/GEOSCIENCE INFORMATION  
Fiesta D Room, Convention Center, 1:00 P.M.

Robert M. Norris and Robert A. Bier, Jr., Presiding

- 1 John R. Carpenter\*: A COMPREHENSIVE  
STATEWIDE PROFESSIONAL DEVELOPMENT PROGRAM  
FOR PRECOLLEGE EARTH SCIENCE TEACHERS  
[102870] ..... 1:00 P
- 2 Theron D. Garcia\*: SCIENTIFIC LITERACY AS  
PRESENTED IN EARTH SCIENCE TEXTBOOKS  
[108934] ..... 1:15 P
- 3 Paul R. Pinet\*: TEACHING CRITICAL-THINKING  
SKILLS THROUGH GEOLOGICAL MODELING [104777] ... 1:30 P
- 4 Wilbert R. Danner\*: MONEY SEDIMENTATION  
[95144] ..... 1:45 P
- 5 Marek H. Zaluski\*, Marvin R. Miller, John L.  
Sonderegger: FIELD HYDROGEOLOGY SUMMER  
COURSE: MUST OR LUXURY? [108911] ..... 2:00 P
- 6 Wallace W. Drexler\*: UTILIZING SHORT-TERM  
INTERDISCIPLINARY FIELD STUDIES FOR  
UNDERGRADUATE STUDENTS OF GEOENVIRONMENTAL  
SCIENCE AND GENERAL EDUCATION [104828] ..... 2:15 P
- 7 Nienke Prins\*, Robert M. Schoch: THE  
CREATION-EVOLUTION CONTROVERSY CONTINUES:  
THE CASE FOR BALANCED TREATMENT IN PUBLIC  
SCHOOLS IS TAKEN TO THE U.S. SUPREME COURT  
[108733] ..... 2:30 P
- 8 Steven P. Yurkovich\*, J. Roger Bacon, R. Lumb,  
Linda J. Perry: RECERTIFICATION OF EARTH  
SCIENCES TEACHERS, IN RURAL AREAS, USING A  
COMPUTER TELECONFERENCING SYSTEM - MICRONET  
[90794] ..... 2:45 P
- COFFEE BREAK ..... 3:00 P
- 9 Amanda R. Masterson\*, Michael P. Roberts:  
EFFECTS OF A NEW COMPUTER SYSTEM ON THE  
EDITORIAL PROCESS AT A STATE GEOLOGICAL  
SURVEY [104541] ..... 3:15 P
- 10 Susan Klimley\*: TAKING THE NEXT STEP:  
DIRECTIONS AND REQUIREMENTS FOR  
COOPERATIVE COLLECTION DEVELOPMENT AMONG  
ACADEMIC GEOLOGY LIBRARIES [88840] ..... 3:35 P
- 11 John C. Callihan, Dena F. Stepp\*: FINDING  
GEOSCIENCE INFORMATION IN THE CHEMICAL  
ABSTRACTS SERVICE DATABASE [107591] ..... 3:55 P
- 12 Julia H. Triplehorn\*: GEOLOGIC INFORMATION  
ON ALASKA [109685] ..... 4:15 P

**GEOSCIENCE INFORMATION SOCIETY - INTERIM FINANCIAL REPORT**  
 January 1, 1986 - August 31, 1986

	<u>Checking Acct.</u>	<u>Savings Acct.</u>	<u>Total</u>
<u>Balance from 1985</u>	\$12,393.82	\$11,744.40	\$24,138.22
 <u>Income:</u>			
Dues - Individual	6,630.00		
- Corporate	1,580.00		
- Sustaining	100.00		
Publications			
Newsletter subscriptions	822.50		
Proceedings	1,482.50		
Directory	30.00		
Interest			
Home Sav. 1-yr. Certificate (2d Int.Conf.Geosci.Inform.)		377.46	
Virginia Account	71.46		
California Account	600.58		
Bank addition error w/foreign checks	170.00		
Miscellaneous	69.31		
<b>Total Income</b>	\$11,556.35	\$ 377.46	\$11,933.81

<u>Expenses</u>			
AGI dues	\$ 256.00		
GIS - Annual Meeting	138.64		
- Field trip (San Antonio)	100.00		
- Vice President	53.02		
- Secretary	128.83		
- Treasurer	44.07		
- Publications Manager	48.00		
- Careers Brochure	144.36		
Publications			
- Newsletter	1,351.49		
- Library Directory	1,950.54		
Returned checks/adjustment for bank error w/foreign checks	203.00		
3d Int.Conf.Geosci.Inform.	4,400.00		
Miscellaneous	83.32		
<b>Total Expenses</b>	\$ 8,901.27		\$ 8,901.27

<u>Balance as of August 31, 1986</u>	\$15,048.90	\$12,121.86	\$27,170.76
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Submitted by Mary B. Ansari Date 9/10/86  
 Mary B. Ansari, Treasurer

## GIS ANNUAL MEETING FIELDTRIP

WHEN: Wednesday, November 12,  
12:30 - 8:30 (approximately)

TO: Enchanted Rock State Park,  
central Texas

LEADER: Bob Freed, Chairman of the  
Geology Department, Trinity  
University, San Antonio.

COST: \$8 per person. Since there is  
room on the bus for only about  
40 people, reservation in ad-  
vance is encouraged. Send  
check by November 1, 1986 to:

Jim O'Donnell  
Geology Library 170-25  
Caltech  
Pasadena, CA 91125

If there are any seats remain-  
ing, they'll be available from  
Jim at the meeting.

DETAILS: Bus will pick us up outside the  
Lila Cockrill Theatre for the  
Performing Arts (in the conven-  
tion center) at 12:30 pm, and  
return us to the same place  
after dinner.

DINNER: Settlement Inn, a splendid con-  
verted stagecoach stop, which  
serves some of the best barbe-  
cue available in Texas. Family  
style— unlimited salad; barbe-  
cue brisket, sausage, ribs;  
beans, coffee and iced tea.  
Price: \$11.95, including tax  
and tip. Beer and wine are  
available for additional cost.  
For those who don't eat red  
meat, they serve a dynamite  
marinated barbecue chicken.  
We'll be outside under the trees  
if the weather is nice, which  
it frequently is in Texas at  
this time of year. Pay for  
dinner at the restaurant. (DO  
NOT send money for dinner to  
Jim O'Donnell. He'll deny he  
got it and use it to pay for  
his trip to San Antonio.)

DRESS: Comfortably. There's very  
little required walking, but  
you'll probably want to climb  
the rock. The restaurant is  
quite casual.

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### SYMPOSIUM TOPIC— 1987 GIS ANNUAL MEETING, PHOENIX

Already, thoughts are being gathered to  
prepare for the 1987 annual meeting.

For a symposium topic, I am considering  
focusing on special collections in the  
earth sciences. Such collections, in  
addition to the usual slide and reprint  
collections that many earth scientists  
build, include museum collections of  
minerals, fossils and the like, field  
collections that are submitted to academ-  
ic departments by students as part of  
their theses, and collections built by  
faculty and housed at the institution.  
There are also map, seismic log, and  
core collections developed by earth  
scientists.

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What are the responsibilities of the  
institutions to maintain these collec-  
tions? Must they be maintained forever,  
even as space becomes a premium?

What are the problems associated with  
such collections? Space? Money? Staff?  
Vandalism?

Are there efficient and easy solutions  
to some of these problems? Can existing  
technology be used to better maintain  
and use these collections? Is there any  
institution that can serve as an example  
for others to follow in these functions?

How do these special collection relate  
to the institutions' libraries? Do on-  
line library catalogs have indicators  
that point to these collections else-

where in the institution? Are such catalogs extremely expensive?

Past GIS symposia have dealt with responsibilities geared to bibliographic instruction and major data bases (1983), to one type of special collection (maps, 1984), and to users of information (1986 and 1981). We have talked about using technology in a number of applications throughout the past decade and especially last year (1985). The 1987 symposium could look at more than one type of collection and not necessarily at collections owned by libraries. The symposium could include topics such as putting slide

collections on videodisc and at managing reprint collections.

As program organizer, I would appreciate receiving reactions to these ideas from GIS members. Either contact me at the address below or speak with me at the 1986 meeting in San Antonio. I need your help in finding speakers.

Jean Eaglesfield  
Room 54 - 200 M.I.T.  
Cambridge, MA 02139  
(617) 253-5679

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## LETTERS

Dear Fellow Geoscience Information Society Members:

As many of you know, I have relocated to Alaska Pacific University here in Anchorage, Alaska, where my duties include both University and USGS responsibilities. Upon arrival, I discovered a project at the University that I feel you as a professional dedicated to furthering cooperation among earth scientists should know about and actively support.

The DEVONIAN INSTITUTE is a not-for-profit corporation dedicated to "communications among the friends of the Devonian." Since my note is included in volume 1, number 1 of its newsletter, *The Devonian Times*, you can see for yourself that it is a worthwhile publication and worthy to be in your library.

In addition to the newsletter, the Institute will be publishing a limited pressing of 500 copies of the *Portfolio of Devonian world maps*, a large format compilation of both paleomagnetic and paleobiogeographic maps for use by researchers as base maps. This will be issued early this fall, in time for inclusion in papers being prepared for the 2nd International Symposium on the Devonian, to be held in Calgary in August, 1987. The

major map set is a new (June, 1986) iteration by Dr. Christopher Scotese of the University of Texas, and takes into account many of the suggestions recently posed by the paleobiologists. This is available at a pre-publication price of \$20 US, including postage.

The Institute would like to carry out other projects suggested by Devonian workers, including organizing a catalog for exchanging translations of professional papers, a similar vehicle for specimens, and a master source list for the Devonian. We are actively seeking funding for these projects, and any suggestions you may have will be welcome.

Please contact the Institute at the following address with any comments or suggestions, including names and addresses for our mailing list. I have also including *my* new address for your files.

Thank you very much,

Elizabeth Morrisett, Library Director  
Alaska Pacific University  
Anchorage, Alaska 99508

The Devonian Institute  
Natural Resources Department  
Alaska Pacific University  
Anchorage, Alaska 99508



Dear Judy,

I received your letter too late to respond concerning the Adelaide meeting. I enjoyed reading the accounts of some of the other participants, therefore I'm not going to write about that meeting but what I did after the meeting.

I'm having a wonderful adventure! After the meeting in Adelaide I spent another 10 days in that beautiful city. I repeatedly went back to the huge market behind the Hilton and marveled at the fruits and vegetables that were so beautifully displayed. In addition to what we would normally see, I saw a lot of pumpkins, passion fruit, meat markets, fresh fish, cheese, breads. Behind the market was an international bazaar—around its circular perimeter it had selections from many cuisines of the world. Someone mentioned Rundle Mall in their report and yes, it's a maze of wonderful shops that take days to explore. The zoo had a vast collection of colorful birds plus all the other animals.

With John Hutley, South Australian Department of Mines and Energy (SADME) Librarian, and two SADME geologists, we drove north all day to reach Cooper Pedy with its white moonscape appearance. From the air, it must look like a mass of ant hills. The holes are made by opal miners who mine the white Australian opal that is so popular in the U.S. John and I joined a Cooper Pedy-based SADME geologist and descended 40 feet down into an opal mine on a rope that held a T-bar. The mine was so clean and we watched a continuous miner work on a mine face. We didn't see any "good stuff" just "potch."

By bus, I continued north to Uluru (Ayer's Rock). After a day of rain that was the first in 18 months, I saw a gray monolith with waterfalls on its sides. That is a rare sight! The next day I climbed the huge 1,260 ft. arkosic monolith with its slick, steep sides. The top reveals differential weathering and the resultant "hills and valleys". The nearby Olgas (conglomerates) are almost as awesome.

Continuing further north I joined a group and floated through Katherine Gorge and swam in the cobalt-colored warm waters of Mataranka. Surrounded by lush tropical vegetation, the warm waters really felt good after the cold and dampness experienced at Uluru. In a 4WD vehicle with 2 other Australians we traveled into Kakadu National Park where the wild water buffalo roam. Here we camped under the remarkably clear Australian sky, tens of miles from any permanent settlement. In the daytime we climbed up the escarpment walls occasionally swimming in the huge clear pools found under the waterfalls. High up near the tops of the escarpments we found magnificent Aboriginal paintings. The 3 days I camped, climbed, swam, and ate Australian bush "tucker" and enjoyed it immensely. (I was in the area where they filmed the Australian movie, *Crocodile Dundee*.)

In Darwin, on the central northern coast, I attended the biennial meeting of the Library Association of Australia for a couple of days. Three memorable talks were those about the results of a U.S. NEH grant awarded to Dr. Ching-Chih Chen (Simmons University School of Library and Information Science) to develop interactive analog videodisks to include all formats of information and learning about the Chinese terra cotta figures of Emperor I. The videodisks have the capacity to store audio tapes, maps, colored materials, etc., and you can go to any item on the disk by use of a computer. It is amazing and I can see its usefulness for our application when the price is *substantially* reduced. A 2nd talk was by an Aboriginal tribal leader who also works in the "white" community. The focus of his thought-provoking talk was that we all take our culture and background when we react to or describe another culture. A 3rd well-delivered paper was on motivation. Some of his points were: money is not the chief motivator, it's one of many; fear of failure is the most common fear; and bosses should give clear directions, have a consistency of attitude, offer encouragement, listen for understanding, offer mutual respect, be approachable,

and give frequent, but irregular, positive feedback.

A 4-four flight carried me to Cairns, Queensland where my sister joined me 2 days later. This tropical coastal city has a steep rain forest-covered escarpment to the west. To the east, offshore is the Great Barrier Reef and it was at one of these coral cays that we enjoyed the next 3 days. Nancy and Susan both enjoyed Heron Island, so I wanted to try another island. I chose Green Island off Cairns. Having never experience the wonders of living corals I was thrilled with being able to snorkel among the brilliantly-colored fish, shellfish, and coral. The numbers and varieties of all three are remarkable. It is really just like you see in the TV nature films but better, because you are there!

It's a long way from Cairns to Sydney if you go by "coach" as we did, but you surely do get to see a lot of sugar cane, pineapple and grazing cattle! By this time I was running out of time so we spent only two enjoyable days with Margaret (Geology Librarian, University of Queensland) and Red Eva in Brisbane. Then on to Sydney for 3 packed days of sightseeing. Here I thrilled to the music and staging of *CATS*. Next, off to Canberra where I am now living and working on the *Union List of Geological Field Trip Excursion Guides of Australia*.

I hope that all is well with you. As you can tell, I am having a wonderful time and meeting so many people from whom I am learning so much. Until later,

Claren M. Kidd

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## ANNOUNCEMENTS

### MEETING ANNOUNCEMENT AND CALL FOR PAPERS

The IEEE Geoscience and Remote Sensing Society will hold its IGARSS '87 Symposium in Ann Arbor, Michigan, May 18-21, 1987. The meeting will provide extensive concurrent forums for technical presentations on instrumentation, theory, and experimentation. Co-sponsors will be the Canadian Remote Sensing Society, the European Space Agency, the DFVLR, the Office of Naval Research, NASA, and NOAA.

Authors are invited to submit summaries on related topics to the Technical Program Chairmen:

Prof. Keith R. Carver (IGARSS '87  
Technical Program Chairman)  
Department of Electrical and Computer  
Engineering  
University of Massachusetts  
Amherst, MA 01003

Prof. Thomas B. A. Senior (URSI Com-  
mission F Technical Program Chairman)  
Department of Electrical Engineering  
and Computer Science  
University of Michigan  
Ann Arbor, MI 48109

Requests for additional information should be sent to the General Chairman:

Prof. Fawwaz T. Ulaby  
Department of Electrical Engineering  
and Computer Science  
University of Michigan  
Ann Arbor, MI 48109

Summaries must be received by the Technical Program Chairmen before December 1, 1986.

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### 40 STUDENTS RECEIVE AGI MINORITY PARTICIPATION PROGRAM SCHOLARSHIPS

The American Geological Institute (AGI) has awarded 40 scholarships for the 1986-1987 academic year. Awards given to Black, Hispanic, and Native American students ranged from \$500 to \$2000 each and totaled \$48,500. Contributions for the scholarships were pledged by geoscience societies, more than a score of companies and several individuals.

Recipients are enrolled in 36 geoscience departments at 35 colleges and universities in 22 states.

The AGI Minority Participation Program (MPP) was formed to establish objectives and goals to attract students from those minorities under-represented in the geosciences.

Since its inception in the early 1970's the scholarship program has distributed over \$550,000 to 440 minority students. The scholarships are based upon academic achievement, financial need, and judged potential for future success in the geological profession.

For more information regarding the program contact:

Andrew J. Verdon, Jr.  
AGI Director of Education  
American Geological Institute  
4220 King Street  
Alexandria, VA 22302  
(703) 379-2480.

The deadline for application for the 1987-1988 academic year is February 1, 1987.

#### AGI MINORITY PARTICIPATION PROGRAM SCHOLARSHIP RECIPIENTS, 1986-1987

##### GRADUATE STUDENTS

Jannette Aquilar  
University of Oklahoma

Edward A. Arias  
University of New Orleans

George T. Basabilvazo  
New Mexico State University—Las Cruces

Victor G. Carrillo  
Baylor University

Jerry B. Coleman  
Michigan State University

Frank R. Hall  
University of Rhode Island

Jacquelyn E. Hams  
California State University at Los Angeles

Susan E. Haycock  
Baylor University

Walter J. Hinchman, Jr.  
Wichita State University

Michael W. Howell  
University of South Carolina

Gerardo J. Iturrino  
Purdue University

Luis E. Marin  
Northern Illinois University

Gregory F. Martin  
University of New Orleans

Reinaldo Mercado  
Michigan Technological University

Claudia I. Mora  
University of Wisconsin-Madison

Lauret E. Savoy  
Syracuse University

Jill E. Tagudin  
University of California-Santa Cruz

Ramon H. Trevino  
University of Texas at Arlington

Audrey F. Williams  
University of Pittsburgh

Ricardo L. Zepeda  
University of California-Santa Barbara

##### UNDERGRADUATE STUDENTS

Randy D. Bauer  
New Mexico State University

Armando M. Burciaga  
East Los Angeles College

Waylon G. Collins  
Texas A&M University

Shirl D. Davis  
Virginia State University

David A. Foiles  
Adams State College

Dora M. Gallegos  
Boise State University

J. Gavin Gonzalez  
Stanford University

Joseph E. Lopez  
California State University-Long Beach

Orlinda M. Marquez  
Colorado School of Mines

David A. Padgett  
Western Kentucky University

Ian M. Palao  
Florida State University

Tonia E. Rucker  
Clemson University

Joseph A. Sanchez  
Colorado School of Mines

Christopher C. Swank  
Colorado School of Mines

Elizabeth A. Verduzco  
Wellesley College

Kenneth J. Vernon  
University of Southwestern Louisiana

Juanita M. Zuni  
University of New Mexico

Karlo R. Zvonarek  
Lyndon State College

#### FIRST YEAR STUDENTS

Sheala Y. Durant  
University of Michigan

Demetrice A. Gooden  
Duke University

#### WLN UNION CATALOG AVAILABLE ON CD-ROM

The LaserCat Database— over 1.7 million records of items held by Western Library Network (WLN) members— will be available early in 1987 on CD-ROM. Each record gives the full MARC data, with call numbers. The database includes monographs, serials, and audiovisual materials, and is fully searchable.

The system requires an IBM PC or compatible, 512k RAM memory, 2 floppy disk drives, 2 Hitachi 2500s CD-ROM disk drives, monochrome or color graphics display card, and a printer.

The annual subscription is \$900 (with reduced cost for multiple copies) and includes the database, quarterly cumulative updates, and retrieval software.

For additional information contact:

Jerry Maioli  
Western Library Network  
Mail Stop AJ-11  
Olympia, WA 98504-0111  
(206) 459-6518

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#### PUBLICATIONS

*The Union List of Geologic Field Trip Guidebooks of North America*, 4th edition, compiled and edited by the GIS Guidebooks Committee, Beatrice Lukens, chair, is now available from the American Geological Institute.

This new, cumulated edition includes 566 guidebooks issued from 1891 through 1979, as held in 134 geoscience libraries in the US and Canada. It includes information on the lending policies of the libraries included and an expanded geographic index.

The Union List sells for \$47.50 from:

Customer Services  
American Geological Institute  
4220 King Street  
Alexandria, VA 22302

Hot off the presses—WAML has just released an important new publication:

Moffat, R. M., 1986, Map index to topographic quadrangles of the United States, 1882-1940: Santa Cruz, Western Association of Map Libraries Occasional Paper 10. (ISBN 0-939112-12-4; LC 84-21984)

The report sells for \$32.50, and is available from:

Stanley D. Stevens, Editor, WAML  
c/o University Library  
University of California  
Santa Cruz, CA 95064

### FORTHCOMING MEETINGS

Nov. 2-5, 1986—Society of Exploration Geophysicists; annual meeting; Houston  
Nov. 10-13, 1986—Geological Society of America; annual meeting; San Antonio  
Feb. 24-27, 1987—Society of Mining Engineers; annual meeting; Denver.

### MEMBERS IN THE NEWS

DOROTHY VITALIANO received a Sustained Superior Performance award from the USGS on August 1, 1986. The presentation was made to Dorothy in Bloomington, Indiana via a teleconference call from the USGS Library in Reston. The appraisal cited Dorothy's eminence in translation of geological literature, breadth of language capability, and superb user relations.

### NEW MEMBERS

Michael Noga  
Geology/Geophysics Library  
4697 Geology Building  
University of California  
Los Angeles, CA 90024

Susan Thornett  
BHP Exploration  
P. O. Box 6062  
Hay Street East  
Perth, W.A. 6000,  
Australia

### 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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