



# GSA news & information

VOLUME 4, NUMBER 11

G.S.A. ARCHIVES

NOVEMBER 1982

## Improvements in Science, Production, Packaging, and Design Underway

### “New” *Bulletin* nears first anniversary

Next month's issue of the *GSA Bulletin* will mark completion of one full year since the journal formally returned to the one-part, paper-copy (OPPC) format. Judging from the many letters and comments to the editors and staff, the change has been welcomed by the membership and the geologic community at large. The change probably also is responsible, in part, for the budding new growth in GSA membership.

The new editors, Drs. Robert D. Hatcher, Jr., and William A. Thomas, who assumed responsibility for *Bulletin* in January 1982, quickly announced their intention of ensuring that *Bulletin* once again would become one of the top geologic journals in the world.

Many of the articles published in 1982 were part of a backlog of articles already in process prior to the appointment of Hatcher and Thomas and therefore do not necessarily reflect their judgments nor the efforts of their new associate editors. To help achieve their goals, they sought and won from Council increases in the original number of allotted science pages to enable them to accommodate successfully both the backlog, already committed to by GSA, and the best of the increased flow of new manuscripts resulting from the return to the OPPC format.

In the face of these improvements, and of the doubling in the past fourteen months of both the pressrun (to 14,000) and the total annual number of science pages (to 1,440), the headquarters production staff has been equally determined to provide a physical product of high quality and at the same time keep close control on the volatile costs of composition, printing, binding, and delivery, all of which are still escalating even in today's economy.

Negotiations have been underway for some time with present and prospective printing and mailing vendors to find the most satisfactory and economical ways to produce a consistently high-quality journal and deliver it, not just in “useable” condition but in “pristine” condition.

The negotiations have resulted in the selection of the A. B. Hirschfeld Press, of Denver, as the new printer for *Bulletin* start-

ing with the January 1983 issue and ZIPCO Mailing Company, of Denver, as packager and mailer. A. B. Hirschfeld Press has, for the past year, successfully produced the Society's other journal, *Geology*, and the membership newsletter, *GSA News & Information*.

GSA Production Manager, Jim Clark, reports, “We believe the contract with ZIPCO provides the answer we have been seeking to chronic and growing problems of damage to *Bulletin* in the mails. Packaging in clear polyethylene has long been a desirable mailing option but has been too expensive in the past. However, our growing circulation figures now make it economically possible, and starting with the January issue we will use polybags for mailing all domestic copies of *Bulletin*. Non-domestic copies will still be packaged in heavy kraft envelopes as in the past.”

(Note: The December 1982 issue will contain insert maps and will be packaged in special “coreseal” material on a one-time only basis in order to protect the inserts. Tests indicate this will provide much better protection than the kraft paper wrap-around packages used recently. Then, with the January issue, poly-bagging starts.)

GSA's management is also trying to make better geologic use of the front cover of *Bulletin* each month. Conceptual ideas and related design sketches are now being developed for evaluation. The Executive Director of GSA, Dr. F. Michael Wahl, has emphasized that the monthly *Bulletin* covers should match the other improvements in format and quality that the editors and staff are now working hard to make successful.

“It is our objective,” Wahl said, “to develop a cover design which retains elements of the historic *Bulletin* and at the same time reflects the new, growth-oriented image of our Society and its ‘flagship publication,’ the *Bulletin*.”

Watch for it.

# UPDATE

## Michel T. Halbouty honored by Society of Petroleum Engineers

Michel T. Halbouty, internationally renowned geologist, petroleum engineer, and member of the Board of Trustees of the GSA Foundation has been named the first Distinguished Lecturer Emeritus of the Society of Petroleum Engineers (SPE).

During the coming year Halbouty will travel worldwide, addressing engineering societies in many countries. He began the first segment of the lecture tour in Europe, addressing SPE sections in London, Aberdeen, and Stavanger.

Upon his return from Europe, Halbouty will address groups in the United States, South America, the Far East, and Australia.

Halbouty previously lectured for the Society in 1964 and 1965 as a Distinguished Lecturer.

Michel T. Halbouty's career spans more than four decades in oil and gas exploration, development, and production. He has written over 240 scientific and technical articles and has co-authored

several books on the oil industry. He is an acclaimed lecturer to both public and professional audiences.

He is Chairman of the Board and Chief Executive Officer of Michel T. Halbouty Energy Co. (Houston, Texas), one of the country's most active oil and gas exploration firms.

Halbouty has also been named the 1982 recipient of the Hoover Medal. Founded in 1929, the Hoover Medal was instituted to commemorate the civic and humanitarian achievements of Herbert Hoover, and the first award was made to him in 1930. The Hoover Medal is recognized in the engineering and scientific community as the premier award among four engineering societies (AIME, ASME, ASCE, and IEEE), particularly for humanitarian accomplishments, in addition to engineering achievement. The Medal was established to identify outstanding, unselfish, non-technical services by engineers to their fellow men.

## November 24, 1982, is deadline for applications for National Science Foundation Graduate Fellowships

The National Research Council will again advise the National Science Foundation in the selection of candidates for the Foundation's program of Graduate Fellowships. Panels of eminent scientists and engineers appointed by the National Research Council will evaluate qualifications of applicants. Final selection of the Fellows will be made by the Foundation, with awards to be announced in March 1983.

Eligibility in the NSF Graduate Fellowship Program is limited to those individuals who, at the time of application, have not completed more than 20 semester hours/30 quarter hours, or equivalent, of study in any of the science and engineering fields listed below following completion of their first baccalaureate degree in science or engineering. Subject to the availability of funds, new fellowships awarded in the spring of 1983 will be for periods of three years, the second and third years on certification to the Foundation by the fellowship institution of the student's satisfactory progress toward an advanced degree in science or engineering.

These fellowships will be awarded for study or work leading to master's or doctoral degrees in the mathematical, physical, biological, engineering, and social sciences, and in the history and philosophy of science. Applicants must be citizens of the U.S. and will be judged on the basis of ability. The annual stipend for Graduate Fellows will be \$6,900 for a twelve-month tenure with no dependency allowances.

Applicants will be required to take the Graduate Record Examinations designed to test aptitude and scientific achievement. The examinations, administered by the Educational Testing Service, will be given December 11, 1982, at designated centers throughout the United States and in certain foreign countries.

**The deadline date for the submission of applications for NSF Graduate Fellowships is November 24, 1982.** Further information and application materials may be obtained from the Fellowship Office, National Research Council, 2101 Constitution Avenue, Washington, DC 20418.

## Aeromagnetic Data Workshop planned for November 16-18, 1982

The National Geophysical Data Center (NOAA) will sponsor an Aeromagnetic Data Workshop in Boulder, Colorado, November 16-18, 1982. The topics will include formats for digital data exchange, problems and special techniques in managing and processing data, methods of displaying aeromagnetic data, requirements for a national data base, recommendations for activities of a national center, special applications (this topic should ultimately address formats, special techniques, and display methods). Invited papers are scheduled and there will be ample time for discussion. The proceedings, invited papers, and unscheduled contributions are to be published. The workshop is limited to 50 attendees. Registration is \$30 per person, checks or money orders to be made payable to David Clark, Aeromagnetic Workshop.

For further information: D. M. Clark, National Geophysical Data Center, NOAA E62, 325 Broadway, Boulder, CO 80303. Telephone (303) 497-6123; FTS 320-6123.

### GSA News & Information

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Prepared from contributions from the staff and membership by F. Michael Wahl, Executive Director; James R. Clark, Production and Advertising Sales Manager; June Thomas and Ann H. Fogel, Production Assistants.



## CENTENNIAL NEWS

### DNAG Fund Supporters

Listed below are the individuals, corporations and organizations who have contributed funds, as of September 1, 1982, to the support of the DNAG Project. These funds will help to produce, at prices affordable by all geologists, the 27-volume set of *The Geology of North America*, the new *Geologic Map of North America*, the *Centennial Field Guides*, the *Continent-Ocean Transects* and an accompanying volume related to them, and special Centennial volumes by GSA's Divisions. The DNAG Project is still about \$1 million short of its goal of slightly more than \$4 million, so there is plenty of opportunity for everyone to help. Contributions should be made payable to the GSA Foundation — DNAG Fund.

#### INDIVIDUALS

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Pat Wilde  
Wendell P. Woodring  
E-an Zen

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BP Canada  
Cities Services Company  
Conoco  
Exxon Production Research Company  
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Gulf Oil Exploration & Production Company  
Kennecott Minerals Company  
Kerr-McGee  
Marathon Oil Company  
Pennzoil Exploration & Production Company  
Phillips Petroleum Company  
Pogo Producing Company  
Shell Oil Company  
Sohio Petroleum Company  
Standard Oil Company of California (Chevron)  
Superior Oil Company  
Texaco  
Union Oil Company  
  
Richard E. Fuller Estate  
E. J. Grassman Trust  
Union Foundation  
National Science Foundation

#### Changes in DNAG Synthesis Volume outlines.

**Correct listing of authors** for chapters IV and V in the outline for the *Atlantic Continental Margin: U.S.* (October *News & Information*)

IV. Mesozoic and Early Cenozoic Stratigraphy — W. Poag, P. Valentine  
V. Geophysical Data — Magnetics, Gravity, Refraction, and Multichannel Reflection — K. Klitgord, C. Bowin, R. Sheridan, J. Grow

**Additions and corrections to outline** for *The Cordilleran Orogen: Alaska* (August *News & Information*) — 1. Add to Chapter 6 (Crystalline Rocks), section 6-G. Anatectic Plutonism - T. Hudson; 2. Chapter 3C should be: Northern Alaska and St. Lawrence; 3. Chapter 3D should be: East Central Region. H. Foster; 4. The remaining subchapters of Chapter 3 should move one letter down the alphabet.

**Change in outline** for *The Appalachian and Ouachita Regions: U.S. and Mexico*. (May *News & Information*) — R. C. Milici has agreed to fill the vacancy in Part I, Chapter D-2 (Hydrocarbons) created by the death of L. D. Harris.

## Land Subsidence Subject of International Symposium in Venice, Italy

A Third International Symposium on Land Subsidence is scheduled for March 19-24, 1984, in Venice, Italy. The symposium is sponsored by the International Association of Hydrological Sciences, with cosponsorship to be given by various international societies, organizations of the United Nations family, and several Italian government and international organizations. The symposium papers sessions will be held in the beautiful Cini Foundation in the interesting, unique city of Venice. It is expected that there will be simultaneous translation into English, French, and Italian at all sessions.

Organized within the framework of the International Hydrological Program, the symposium will bring together international interdisciplinary specialists in the problems of land subsidence due to fluid withdrawal. Because man's continuing heavy development of ground water, gas, and oil is changing the natural fluid regime and thus causing more and more subsiding areas in the world, there has been sufficient new land-subsidence occurrence, problems, research, and remedial measures take place since the 1976 Second International Symposium held in Anaheim, California, in order to develop a most interesting program. The program committee is especially looking for papers on legal, socio-economic, and environmental effects of land subsidence, engineering theory and analy-

sis, karst "sink-hole" type subsidence, and subsidence due to dewatering of organic deposits or due to application of water (hydrocompaction).

The symposium's location in the Mediterranean area is especially appropriate for possible karstic-type subsidence. Venice itself is an appropriate location for the symposium because of the serious subsidence problems located there. Appropriately, an interesting field trip to local subsidence sites will be held during the week, in addition to pre- or postmeeting field trips.

General Co-Chairmen for the symposium are Dr. R. Passino, Consiglio Nazionale delle Ricerche, Istituto di Ricerca sulle Acque, Rome, Italy, and A. Ivan Johnson, Woodward-Clyde Consultants, Englewood, Colorado. Chairman for Local Arrangements is Dr. Laura Carbognin, Consiglio Nazionale delle Ricerche, Venice, Italy.

Notice of preliminary intent to offer a paper and/or to attend the symposium should be sent, preferably by October 31, 1982, to A. Ivan Johnson, Program Chairman, Third International Symposium on Land Subsidence, Woodward-Clyde Consultants, 7600 East Orchard Road, Englewood, CO 80111 USA. Details concerning the symposium arrangements and instructions on preparation of abstracts, will be sent to those persons indicating interest in the symposium.

## International Conference on Case Histories in Geotechnical Engineering set for May 1984

The University of Missouri—Rolla will host the International Conference on Case Histories in Geotechnical Engineering, May 6-11, 1984, in St. Louis, Missouri. The themes for discussion include (1) Foundations; (2) Retaining Structures; (3) Dams, Embankments, Land Slides, and Slopes; (4) Geotechnical Earthquake Engineering Problems; (5) Off-Shore Geotechnical Structures; (6) Selection of Sites; (7) Machine Foundations; (8) Tailings Dams, Subsidence, Pavements, Tunnels and Shafts, Slurry Walls Underpinning, Dewatering; and (9) Problems in Rock Mechanics.

The guest speakers attending the conference who will make

special presentations include Victor F. De Mello (Brazil), Ralph B. Peck (USA), Harry B. Seed (USA), G. A. Leonards (USA), Sven Hansbo (Sweden), Ove Eide (Norway), and Earle Klohn (Canada).

The last date for submission of three copies of the five-hundred word abstracts is March 31, 1983, to Shamsher Prakash, Conference Chairman, Department of Civil Engineering, University of Roorkee, Roorkee (UP) India, Telephone 2407.

The call for papers may be obtained from Bill Kratzer, University of Missouri—Rolla, Rm. 111 ERL, Rolla, MO 65401; Telephone (314) 341-4200.

### IN MEMORIAM

*Leonard G. Berry*                      *Leonard D. Harris*  
Kingston, Ontario, Canada      Laurel, Maryland  
*Edgar T. Wherry*  
Philadelphia, Pennsylvania

### CORRECTION

An announcement of a soil geomorphology post-meeting tour (Ventura area, southern California) on p. 140 of the September issue of *GSA News & Information* contained an error in the fee. The correct fee is \$55.

## Shuttle Imaging Radar-A Information and Data Availability

The SIR-A, launched aboard the second flight of NASA's space shuttle *Columbia* on November 12, 1981, was an experiment which had as its primary objective the investigation of spaceborne imaging radars for geologic mapping. The SIR-A was flown as part of NASA's Office of Space and Terrestrial Applications scientific payload (OSTA-1).

Data analyses are underway by members of the SIR-A mission science team and the JPL Radar Remote Sensing Team. Preliminary results show the experiment to have been a success, having fulfilled its primary objective.

SIR-A data are now available to the general public. Inquiries regarding specific product availability should be directed to:

National Space Science Data Center (NSSDC)

Request Coordination

Code 601

Goddard Space Flight Center

Greenbelt, MD 20771

(301) 344-6695

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# 1982-1983 AGI Minority Participation Program Scholarship Winners

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The Advisory Committee for the American Geological Institute's Minority Participation Program has awarded 60 scholarships for the 1982-1983 academic year, amounting to more than \$57,000 and ranging between \$500 and \$1,500. The scholarship winners (from freshmen to Ph.D. candidates) are listed below.

The AGI Minority Participation Program was formed to establish objectives and goals for attracting science-oriented students of Black, Hispanic, and American Indian ethnic origin into one of the geoscience disciplines. The scholarships are based on academic achievement to date, financial need, and judged potential for future professional geoscience success. The program was started in January 1975 and has helped many minority students achieve their goals for a particular academic year.

The scholarship program is dependent upon funds contributed by industrial firms, member professional societies, and individuals. The Advisory Committee would like to broaden its base of financial support for the program. Inquiries would be welcomed by contacting Dr. Don Diego Gonzalez, Sandia National Laboratories, P.O. Box 5800, Org. 9731, Albuquerque, NM 87185.

Individuals desiring to be considered for the 1983-1984 academic year should direct inquiries to the above address or to the American Geological Institute, 5202 Leesburg Pike, Falls Church, VA 22041. Deadline for receipt of applications: **FEBRUARY 1, 1983.**

## FIRST-YEAR SCHOLARS

Mozell R. Callier  
University of New Orleans

Robert DeBerry  
University of Georgia

Aaron A. Diaz  
Washington State University

Jackie Lynch  
New Mexico Inst. of Mining and  
Technology

Regina J. Rodriguez  
University of New Orleans

John W. Simmons  
University of Notre Dame

Ernest A. Jones, Jr.  
Princeton University

Jolecia Mitchell  
Howard School of Human Ecology

Louis F. Montiel  
Northern Arizona University

Michael A. Ochoa  
University of Texas, Austin

Annette M. Olivarez  
University of Michigan

Sandra Pounder  
University of California, Berkeley

Clifford J. Regensberg  
New Mexico Highlands University

Alex M. Richards  
Northern Arizona University

## UNDERGRADUATES

Jose Alvarez  
Florida Atlantic University

Paul A. Christy  
University of Southwestern  
Louisiana

Jerry B. Coleman  
University of Maryland

Mary Ann Eames-Ramirez  
University of Southern California

Torin Edwards  
University of New Orleans

Guy A. Felton  
University of Texas, Austin

Norberto Gandara  
University of Texas, El Paso

Roxanna Guerra  
Texas A&I University

Peter A. Herrera  
Fort Lewis College

Jacqueline Rivera  
Ball State University

Roxanne Rogers  
Colorado School of Mines

Denise A. Salcido  
New Mexico State University

Jose J. Sequeira  
University of New Orleans

Adrienne Swallow  
Arizona State University

Yolanda Swanson  
East Los Angeles College

Lacy B. Ward  
Virginia State University

Lisa D. White  
San Francisco State University

Dawn J. Wright  
Wheaton College

Martha A. Zavala  
University of Missouri, Rolla

## GRADUATES

Michael J. Deliz  
University of New Orleans

Victor S. Glenn  
University of Pittsburgh

Luis C. Gonzalez  
University of Michigan

Gwendolyn Hofler  
Virginia State University

Michael W. Howell  
University of Michigan

Darlette M. Johnson  
Iowa State University

Kathleen E. Johnson  
Michigan Technological University

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New Mexico State University

Gregory Martinez  
University of New Mexico

Paul E. Martinez  
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Edward R. Mignardot  
West Texas State

Ray A. Newby  
University of New Orleans

Gene A. Norman  
University of Maryland

Ronald A. Parker  
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Chapel Hill

Ricardo D. Presnell  
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Marisa Quiuones  
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John F. Vargas  
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Toni VanDam  
University of Colorado

Roseann Vincent  
Brooklyn College of CUNY

Elijah White, Jr.  
University of North Carolina

Edith G. Williams  
Stanford University

Sherilyn Williams  
Johns Hopkins University

Sandra F. Willis  
California State University,  
Northridge

Ricardo L. Zepada  
University of California,  
Santa Barbara

# UPDATE

## Applications sought for senior and postdoctoral research associateships

The National Research Council announces its 1983 Research Associateship Awards Programs for research in the sciences and engineering to be conducted in 18 federal research institutions at laboratories located throughout the United States. The programs provide Ph.D. scientists and engineers of unusual promise and ability with opportunities for research on problems largely of their own choosing, yet compatible with the research interests of the supporting laboratory. Initiated in 1954, the Associateship Programs have contributed to the career development of more than 3,500 scientists ranging from recent Ph.D. recipients to distinguished senior scientists.

Approximately 250 new full-time associateships will be awarded on a competitive basis in 1983 for research in chemistry, engineering, and mathematics, and in the earth, environmental, physical, space, and life sciences. Most of the programs are open to both U.S. and non-U.S. nationals, and to both recent Ph.D. degree holders and senior investigators.

Awards are made in most programs for a year with possible extensions through a second year. Senior applicants who have held

the doctorate at least five years may request shorter tenures. In a few programs, initial awards are made for two years with a possible third year of contractual support at an academic institution.

Stipends range from \$23,500 a year for recent Ph.D.s to a maximum of \$50,000 a year for senior associates. A stipend supplement up to \$5,000 may be available to awardees holding recognized doctoral degrees in engineering, computer science, or certain areas of earth geological sciences. Allowances are made for relocation and for limited professional travel. The host federal laboratory provides the associate with programmatic assistance including facilities, support services, and necessary equipment.

**Applications to the Research Council for current programs must be postmarked no later than January 15, 1983.** Awards will be announced in April.

Information on specific research opportunities and federal laboratories, as well as application materials, may be obtained from Associateship Programs, JH 610-D3, National Research Council, 2101 Constitution Avenue, N.W., Washington, DC 20418; Telephone: (202) 334-2760.

## Notice from AAPG

The Committee on Statistics of Drilling, a standing committee of AAPG, has recently experienced a vacancy in its District 18 chairman position. The district comprises Arizona and western New Mexico. The need for a volunteer to serve as chairman is urgent. The committee is composed of chairman, vice-chairman for development papers, 33 district chairmen who

gather exploratory drilling data for North America, and development paper authors who write yearly analyses of the data; all work closely to prepare the North American drilling activity report, published in the *AAPG Bulletin* each year.

Contact Robert R. Johnston (415) 680-3618.

Are you qualified by education, professional experience, and standing among your peers?

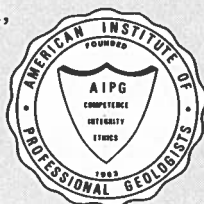
## Why Not Join AIPG?

The Institute welcomes the membership application of those who may meet its high standards for acceptance as Certified Professional Geological Scientists.

AIPG services to its members, and to the public, include: certification, education, information, and representation.

If you'd like to know more, call or write Victor C. Tannehill, Executive Director.

American Institute of Professional Geologists  
P.O. Box 957  
Golden, Colorado 80402  
(303) 431-0831



## GSA's Most Recent Special Paper

SPECIAL PAPER 189

### Recent Trends in Hydrogeology

*Edited by T. N. Narasimhan*

A state-of-the-art survey of the directions in which hydrogeology is proceeding. The 23 papers by 29 authors presented in this volume are divided into 5 sections: Conceptual Aspects, Measurement Aspects, Mathematical Aspects, Regional Aspects, and Engineering Aspects. Subjects covered range from Aquifer Thermal Energy Storage to Hydrogeology of Induced Seismicity and Tectonism to Well-Loss Function and the Skin Effect.

Special Paper 189, paper bound, viii, + 448 pages, 8½ x 11, 1982, CIP ISBN 0-1837-2189-X ..... \$32.00



if you missed these  
at the annual meeting . . .

if you want a special  
present for a geologist . . .



JUST OFF THE PRESS

## New Books and Maps from GSA

MEMOIR 155

### The Geological Society of America — Life History of a Learned Society

By Edwin B. Eckel  
with Preface by Robert F. Legget

On November 16, 1931, GSA Editor Joseph Stanley-Brown penned the following for the Preface of H. L. Fairchild's *The Geological Society of America, 1888-1930*:

As this History is passing through the press, there has occurred the most amazing episode in the Society's career. With yearly dues of ten dollars, the Society, with the characteristic thrift of scientific men, had accumulated some \$50,000 when suddenly, through the magnificent generosity of a lifelong member—Richard Alexander Fullerton Penrose, Jr.—found itself legatee of approximately four and a quarter million dollars, thus giving it a position among the richest scientific societies in the United States.

Memoir 155 covers the history of the Society during its first 90 years but with special emphasis on the years following that "most amazing episode"—inheriting more than \$4 million at the height of the Great Depression

With careful insight gained through observations of the Society as Member, Editor, and later Executive Director, the author tells of the Society's makeup, its governance, and its administration, including the management and preservation of its fortune. He reflects on the methods, foibles, successes, and failures of the Presidents, Vice-Presidents, Councilors, and officers, and he takes a brief look at the future of geology and the Society. More than 130 photos and line drawings.

As Dr. Legget writes, "It is a fascinating record."

Memoir 155, xiv + 168, 8½ x 11, hard bound, CIP,  
ISBN 0-8137-1155-X . . . . . \$24.50

MEMOIR 156

### Geology and Tectonics of the Lake Superior Basin

Edited by Richard J. Wold and William J. Hinze

This state-of-the-knowledge compilation of geologic and geophysical studies provides an overview of information related to the origin and development of the Lake Superior Basin and to the role and nature of the continental rifting process.

Geologic investigations dating back for more than 100 years and geophysical studies during the past two decades have provided much information on the Lake Superior Basin, but the results of the various geoscience disciplines are widely distributed, and integration of geologic, geochemical, and geophysical data and interpretations is limited.

To facilitate analysis and to encourage integrated interpretation, a comprehensive and logical sequence of papers has been prepared, and data and ideas have been exchanged among the authors during the preparation of the papers. This consistency was accomplished by workshops in which the authors participated and by circulation of preliminary manuscripts where appropriate.

This book includes a large 31 x 40 full-color map of the area and two b & w translucent overlays showing magnetic and gravity anomalies.

Memoir 156, vi + 280, 8½ x 11, hard bound, CIP  
ISBN 0-8137-1156-8 . . . . . \$38.50



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Order your copies today. Mail check or money order in U.S. funds for full amount or include MasterCard or VISA account number, expiration date, and your signature. Member discount allowed when claimed. Colorado residents add sales tax.

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P.O. BOX 9140, BOULDER, CO 80301

*The Decade Of North American Geology Presents . . .*

DNAG SPECIAL PUBLICATION 1

# Perspectives in Regional Geological Synthesis:

Planning for  
*The Geology of North America*

Edited by A. R. Palmer

A valuable set of preview statements and/or annotated outlines describing the organization of geological information for the 20 volumes of regional geology in *The Geology of North America* to be published by DNAG.

**DNAG Special Publication 1, vi + 176 pages, 8½ x 11", 1982, bound in leatherette cover, CIP, ISBN 0-8137-5201-9. Priced for ALL geologists . . . . . \$7.50\***

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## CORRECTION!

In the February 1982 *GSA News & Information* we printed that we had received notice of the death of Frederick L. Stead, Dallas, Texas. This should have read Frank Stead. We sincerely apologize for the error and any inconvenience this may have caused.



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