



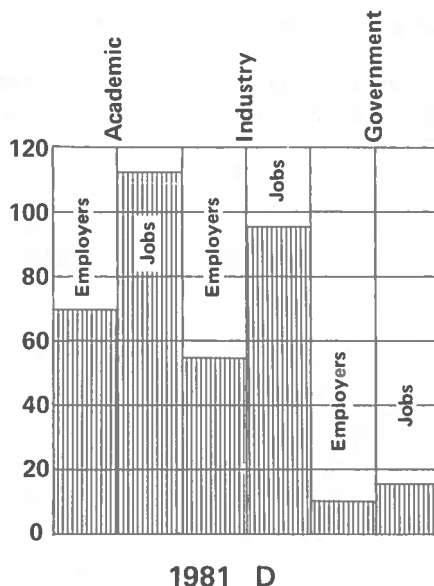
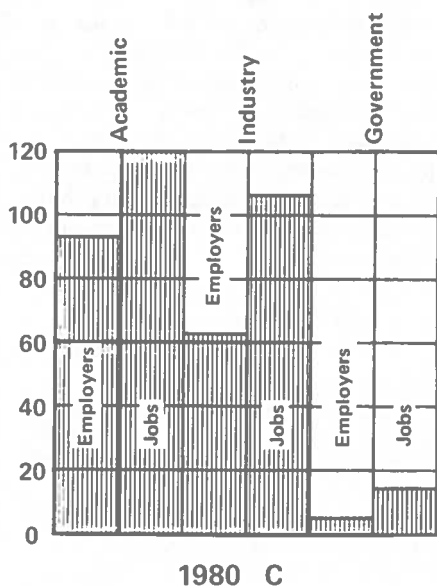
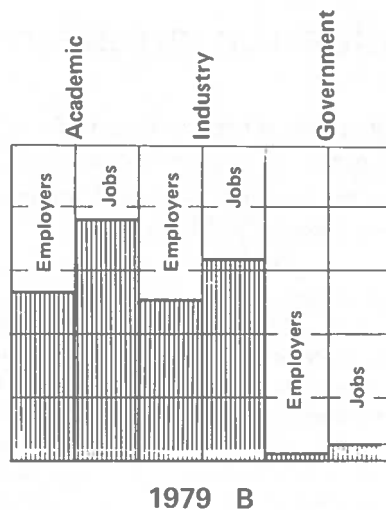
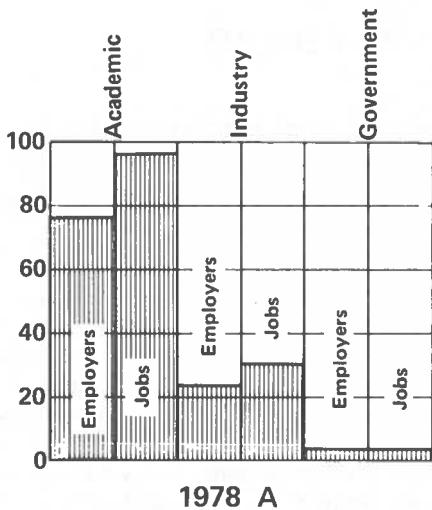
GSA news & information

VOLUME 4, NUMBER 3

G.S.A. ARCHIVES

MARCH 1982

REPORT ON GSA EMPLOYMENT SERVICE



Eleven years ago GSA started a modest employment program at the annual meeting, originally as a service for students. Since then a similar service has been offered at each succeeding annual meeting. Also, applicant data have been kept on the computer file through the years in order to maintain the service by mail throughout the year.

The service is available at a modest fee to all employers and to any geologist or geology student. Membership in the Society is not a requirement for use of the service.

In order to show the volume of activity, graphs A, B, C, and D indicate the number of employers and job openings in three groupings—academic, industry, and government. It should be pointed out that the largest part of the total each year was in association with the annual meetings. The geographic location of the annual meetings—Toronto in 1978, San Diego in 1979, Atlanta in 1980, and Cincinnati in 1981—undoubtedly had an effect on the “mix” of employers. Approximately 400 applicants are on file.

(continued next page)

(Employment Service, continued from p. 33)

At the Toronto meeting in 1978, a new aspect of the service was initiated consisting of a "Forum on Future Employment Opportunities." After the meeting the talks were summarized and printed in a small booklet entitled *Future Employment Opportunities in the Geological Sciences*. Both the forum and the booklet were so well received that they were repeated for the 1979 Annual Meeting in San Diego, the 1980 meeting in Atlanta, and the Cincinnati meeting in 1981. During 1981 4,000 copies of the booklet were distributed.

The GSA employment service, although still a relatively small program, has demonstrated its value, and the small fee charged covers the cost of its operation.

During the year application forms will appear in *GSA News & Information*. Additional forms and copies of the booklet may be obtained from the GSA Membership Coordinator, P.O. Box 9140, Boulder, CO 80301.

ALL GSA BOOKS

BULLETIN

GEOLOGY

GSA MAP and CHART SERIES

GSA's publication program restructured

At a meeting of the GSA Council in 1980, a restructuring of the Society's publication program was enacted. Many activities have been involved in order to implement and activate the new structure. Among these were charges to the new editors and the new committee that were approved at the November 1981 Council meeting. Following is the charge to the new Committee on Publications:

- (1) The Committee on Publications shall consist of eight people—the editors of *Bulletin*, *Geology*, *Memoirs* and *Special Papers*, and *Maps and Charts*; three persons nominated by the Committee on Committees, and a member of Council who shall chair the committee. The succession of chairman and terms of appointment are as follows:
 - (a) One member of Council who will serve as a member of the committee in the first year of appointment to Council and will chair the committee during the second and third years.
 - (b) Four science editors, one each for *Bulletin*, *Geology*, *Memoirs* and *Special Papers*, and *Maps and Charts*; to be nominated by the Committee on Publications and appointed by Council; three-year terms, with an option for renewal of an additional three-year term.
 - (c) Three members, each to serve a three-year term, normally one shall be appointed each year. Members are not eligible for reappointment.
 - (d) The Executive Director will serve as a conferee of the committee.
- (2) The primary responsibilities of the committee are:
 - (a) Nomination of candidates for editors when positions become vacant.
 - (b) Definition of general structure, length of terms, and method of rotation of membership of the Boards of Associate Editors of *Bulletin* and *Geology* in consultation with the editors. Approval of nominations by the editors for members of the Boards of Associate Editors of *Bulletin* and *Geology*.
 - (c) Reviewing the quality and health of each Society publication and reporting annually to Council, together with recommended corrective measures if any are called for.
 - (d) Reviewing the financial health of each of the Society publications with an annual report to Council which shall include recommendations for changes in page charges, subsidies, pricing of *Bulletin* and *Geology* or any other publishing matter on which Council must make a decision. To carry out this charge, the Executive Director will provide the committee with all necessary financial information.
 - (e) Recommending to Council the initiation of new publishing ventures, such as reprint volumes and video tape cassettes of symposia, as well as the cessation of existing publication programs if in the committee's opinion they no longer fulfill a useful purpose.
 - (f) Reviewing the effectiveness of marketing procedures for all Society publications with appropriate recommendations to Council if new initiatives should be taken or old ones ceased.

11/1/81

GSA News & Information

Vol. 4, no. 3

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

UPDATE

UPDATE

MARCH 15, 1982, IS DEADLINE

SE Section, GSA, offers limited number, grants-in-aid

The Southeastern Section hopes to award a limited number of grants-in-aid for student research in 1982. Grants may be for graduate or undergraduate research and will be restricted to Student Associates of GSA who are in attendance at colleges or universities within the geographical boundaries of the section. Postdoctoral research will not be supported. It is anticipated that grants may range up to \$800 but will probably be far smaller amounts. Interested Student Associates should refer to the policies and procedures for GSA research grants, taking into account exceptions noted in this announcement, and they may use the "GSA Application for Research Grants." Application forms may be obtained from your GSA campus liaison representative or from GSA headquarters. Completed applications should be sent before **March 15, 1982**, to Dr. Stephen Stow, Secretary-Treasurer, SEGSA, Environmental Science Division, Oak Ridge National Laboratory, Box X, Oak Ridge, TN 37830.

Final decisions and announcements will be made as soon as possible after the SEGSA annual meeting to be held on March 26, 1982.

Congressional Advisor is Visiting Professor at the University of Texas, Austin

Allen F. Agnew, who has spent the last eight years with the Library of Congress as a senior advisor to the Congress on minerals legislation, is Visiting Professor of Geology at the University of Texas in Austin during the spring semester, 1982, presenting a graduate seminar, "Geology and Public Policy."

Although acknowledging that more geologists are advising legislative bodies today than a decade ago, Agnew urges more professional geologists to become involved in such activities.


GSA's commitment to this kind of educational outreach in the past few years is highlighted by its Committee on Geology and Public Policy, of which he was formerly chairman. Members who wish to provide input in this important arena are urged to get in touch with that committee's chairman, Charles G. Groat.

The Vetlesen Prize, Columbia University, awarded to M. King Hubbert

On December 3, 1981, M. King Hubbert was awarded the Vetlesen Prize by Columbia University.

The Vetlesen Prize is given for outstanding achievement in the sciences resulting in a clearer understanding of the earth, its history, or its relation to the universe. The prize was established at Columbia University by the G. Unger Vetlesen Foundation in 1959; it consists of a gold medal and a cash prize of \$50,000.

The citation for Hubbert, a former president of the Geological Society of America, was given by Barry Raleigh,



CENTENNIAL NEWS

D-NAG financial support begins to flow in

As of January 20, 1982, the D-NAG fund in the GSA Foundation has received \$492,371 from 91 individuals, \$20,000 from two foundations, and \$65,000 from several oil companies against their written commitments for a total of \$975,000. Thus the fund is moving forward toward its goal of \$4,000,000 for preparation and publication of GSAs components of the D-NAG program during the 1980s. We will look forward to a continual broadening of the support base as 1982 progresses.

Centennial Field Guide Workshops:

For those of you planning ahead, dates are now fixed for open workshops on the Centennial Field Guides that will be prepared by each regional section. We hope many will participate in this Centennial effort to produce descriptive information about the 100 best geologic localities in the area of your section.

Northeastern/Southeastern Sections: Friday, March 26, 3:30 to 5:30 p.m., Club Room B, Shoreham Hotel, Washington, D.C.

South Central Section: Monday, March 29, 2:00 to 4:00 p.m., FB Room B-3, Center for Continuing Education, Norman, Oklahoma.

Cordilleran Section: Tuesday, April 20, 3:30 to 5:30 p.m., Room 16, Convention Center, Anaheim, California.

North Central Section: Thursday, April 29, 2:00 to 4:00 p.m., Room 206, Stewart Center, West Lafayette, Indiana.

Rocky Mountain Section: Friday, May 7, 2:00 to 4:00 p.m. Room 101, Reid Hall, Bozeman, Montana.

UPCOMING MEETINGS

Circum-Pacific Conference, 1982, to be in Honolulu

The Circum-Pacific Energy and Mineral Resources Conference will be held in Honolulu, Hawaii, August 22–28, 1982. The Geological Society of America is one of the 32 cooperating organizations. The broad scientific as well as international scope of this conference ensures that your interests in the economic, environmental, geological, and geophysical aspects of research, exploration, and development of Pacific energy and mineral resources will be served.

More than 100 technical papers will be presented during the seven days of the conference. In addition, there will be presentations by leading scientists and statesmen on various energy issues pertinent to this vast area of the world. The technical papers will run the gamut of energy-related research and development activities in a wide number of fields. Collectively, these papers will add materially to the exploration and development of resources in the Circum-Pacific region with maximum environmental compatibility.

A significant project connected with the Circum-Pacific Conference is the international undertaking now underway known as the Circum-Pacific Map Project. This project will produce an integrated series of maps giving the latest information on geological features, mineral, geothermal, and hydrocarbon resources of the Pacific region. These maps will be on display in the Educational Exhibits at the Mid-Pacific Conference Center of the Hilton Hawaiian Village Hotel.

Many of you will receive direct mail information about the conference. For inquiries, please contact American Association of Petroleum Geologists, P.O. 979, Tulsa, Oklahoma 74101, U.S.A.

• A Northeast Conference •

"Impact of Waste Storage and Disposal on Ground-Water Resources"

Ithaca, New York

June 28–July 1, 1982

Presented by the U.S. Geological Survey and Cornell University, Center for Environmental Research; cosponsored by the U.S. Environmental Protection Agency and the New York State Departments of Health and Environmental Conservation. The conference will address the impact of landfills and chemical waste dumps on ground-water quality, site selection and evaluation criteria, and hydrogeologic monitoring techniques. The program format will include formal presentations, panel discussions, workshops, poster board sessions, and information question-and-answer sessions. For information, contact Richard P. Novitzki, U.S. Geological Survey, 521 W. Seneca Street, Ithaca, NY 14850-4094.

OCEANS 82 Conference and Exposition to be held in Washington, D.C., in September

The Geological Society of America is a participating organization in the OCEANS 82 Conference and Exposition to be held September 20–22, 1982, in Washington, D.C. The OCEANS 82 Conference and Exposition will be sponsored by the Marine Technology Society and the Oceanic Engineering Council of the Institute of Electrical and Electronic Engineers. The theme for the conference, "Government, Industry, and Academia—Partners in Ocean Progress," expands on the OCEANS 81 theme on the ocean as a workplace.

JUST RECEIVED

GSA Special Paper 186
***Desert Dust:
Origin,
Characteristics,
and
Effect on Man***

Edited by Troy L. Péwé

Forty-six authors from five countries discuss the effect of desert dust on man as viewed from their own disciplines of geology, physical geography, microbiology, engineering, physics, meteorology, soil science, chemistry, oceanography, agricultural science, and highway engineering. Because of the international importance of this volume, the tables of contents and the abstracts of most chapters are presented in English, French, German, Russian, and Chinese.

Special Paper 186, xii + 303, 8½ x 11, soft bound in a sturdy leatherette cover, 3 full-color plates, CIP, ISBN 0-8137-2186-5 \$30.00

To order, mail check or money order in U.S. funds for full amount or include MasterCard or VISA account card number, expiration date, and your signature. GSA member discount allowed when claimed. Colorado residents add applicable sales tax: Denver metro—3½%; Boulder—5½%; other Colorado—3%.

Mail order to: Publication Sales, Geological Society of America, P.O. Box 9140, Boulder, CO 80301



Areas of major interest of the GSA membership

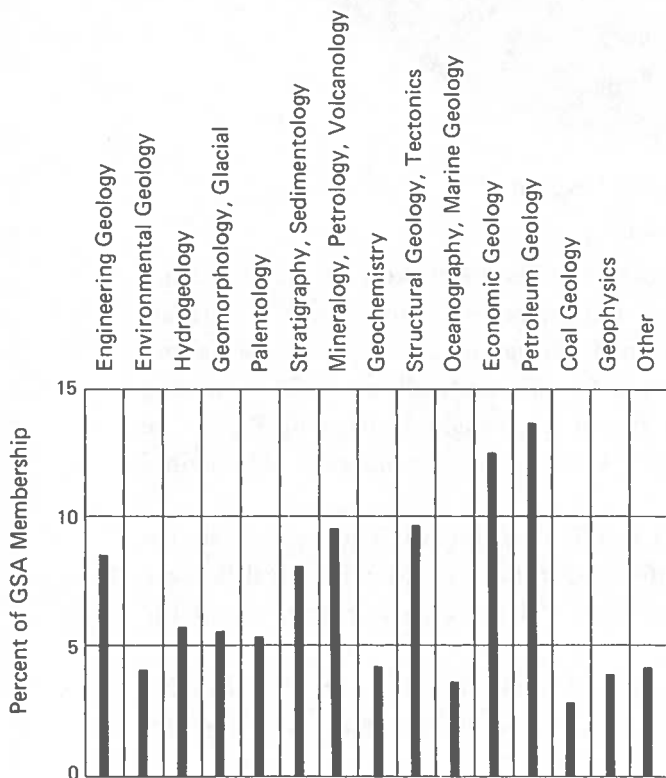
The 1982 membership dues statement included a questionnaire asking each member to check his or her MAJOR area of professional interest. Members were asked to check only one of the 16 categories, and many members undoubtedly had difficulty in deciding which of several areas of interest was indeed the MAJOR one.

At the time of this writing in early January, significantly more than half of the dues statements have been returned to headquarters, and the data from these questionnaires have been tabulated. Although there may be some slight shifts when all questionnaires are in, judging from past experience the percentages will change only slightly, and it seemed more important to make the information available to the membership quickly than wait for a slightly higher degree of precision.

The first chart shows the percentage distribution of the membership among the 16 categories listed in the questionnaire. Petroleum Geology and Economic Geology rank first and second, respectively; combined, they represent about one-fourth of our members.

CHART 1

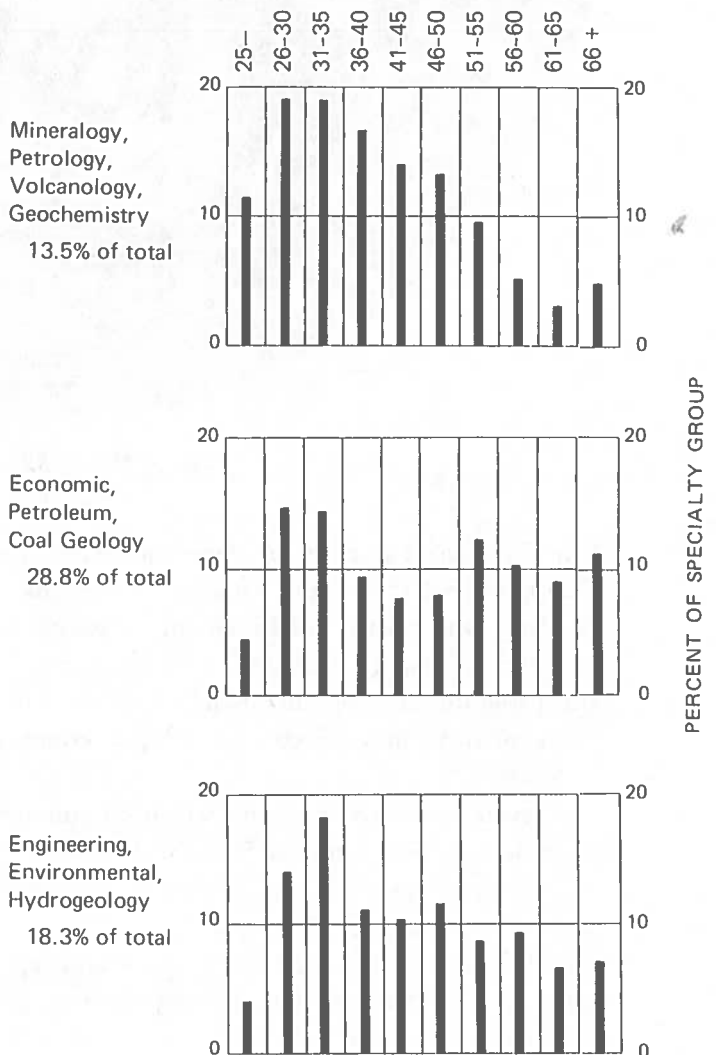
From the 1982 dues statement—Percentage distribution of GSA membership by major professional interest.



In order to attempt to forecast the dominant interests of the Society's membership in the future, 3 groups from the 1982 survey have been plotted against age groups. The 3 groups selected include 60% of the membership and a range of interest. It will be noted that in the Economic-Petroleum-Coal group, there is a distinct bimodal age distribution that does not appear in the other specialty categories.

Overall, the results of the survey serve to emphasize the broad spectrum and relatively even distribution of the geological sciences that are represented by the membership of GSA and the balance between applied and basic science. Further, age-distribution charts suggest that both the breadth and balance of the Society will continue in the future.

AGE DISTRIBUTION





*Site of the 1982 Annual Meeting
October 18-21*

The Geological Society of America invites you to attend its 1982 Annual Meeting from October 18-21 in New Orleans, Louisiana. The Louisiana Superdome and the Hyatt Regency will be the locations for an excellent scientific program of invited symposia and volunteered papers. Exhibits, field trips, short courses, forums, and colloquia will round out the program. Among the social activities will be the opening night Welcoming Party, the traditional Alumni Receptions, and, of course, a New Orleans-style evening on a Mississippi steamboat.

Seven associated societies will hold concurrent meetings with GSA. They are: Cushman Foundation, Geochemical Society, Geoscience Information Society, Mineralogical Society of America, National Association of Geology Teachers, Paleontological Society, and the Society of Economic Geologists.

Members will be receiving housing and registration information in the July issue of *GSA News & Information*. Others may receive information by contacting the GSA Meetings Department at (303) 447-2020.

REGISTRATION. PREREGISTRATION DEADLINE IS SEPTEMBER 17. Registration information and forms will be available in July. We anticipate a highly popular meeting so you are encouraged to preregister to ensure attendance at your favorite events. Most luncheons will be on a preregistration basis only, so the preregistration deadline will be more important than ever.

HOUSING. GSA's room block will include 13 hotels with room rates from \$28 to \$75 for single occupancy and from \$31 to \$95 for double occupancy. Most of the single rooms will be above \$55. The Hyatt Regency, with 1,000 rooms is directly across from the Superdome. Most other hotels are within walking distance of the Superdome or are easily accessible by public transportation.

STUDENT HOUSING. There will be accommodations designated as basic, low-cost student rooms. These will begin at \$28 for single occupancy. Triple and quad arrangements will be available.

GUEST PROGRAM. New Orleans is one of America's great cities in which progress and history provide a unique background for the guest program. The modern part of the city includes the Superdome plus dozens of office buildings completed or under construction.

The well-preserved historical French Quarter and the Garden District will be the setting for most of the guest activities. These activities will include a walking tour in the French Quarter, a ride on the St. Charles Avenue street car past some of the most elegant homes in New Orleans, browsing in antique shops on Magazine Street, and a creole lunch. In addition, stimulating and informative technical sessions will be presented for a non-technical audience.

TOBIN SCIENCE THEATER. There will be an excellent variety of short films available for registrant viewing from Monday through Thursday.

EXHIBITS. October 17, 18, 19, 20. Held in the Hyatt Regency, the technical and scientific exhibits are expanding to 140 booths for 1982. The opening will be Sunday evening as a kick-off for the Welcoming Party which will be held in the Hyatt Ballroom. The exhibits will be arranged with New Orleans flare including coffee and beignet bars, opening night cocktail bars, and low-key New Orleans jazz. Exhibit space is available but going fast. Exhibitors are encouraged to contact us soon. For information, write or call the GSA Exhibits Coordinator.

BUSINESS AND SOCIAL GROUP FUNCTIONS. Space assignments for meetings, breakfasts, luncheons, dinners, and cocktail receptions are made by the GSA Meetings Manager. In February, invitations were sent to groups who sponsored functions at the 1980 and 1981 meetings. Anyone else wishing to reserve space should contact the GSA Meetings Department.

EMPLOYMENT SERVICE. GSA conducts an employment interview service during its annual meeting. Booths are provided for employers to hold in-person interviews with applicants who are registered with the service. Staff is available to assist in scheduling these interviews. Computer listings of our applicant file and resumes are available to employers for screening purposes. Please see the February or June issue of *GSA News & Information* for forms and further information or contact the GSA Employment Service Coordinator.

WELCOMING PARTY. You can renew old friendships or make new ones over opening night cocktails. The Party will be held in the Hyatt Regency which is considered a most spectacular hotel. Badges will not be required. The opening of the exhibits will start off the night. Following the Party you can enjoy dinner at one of the Hyatt's fine restaurants or arrange dining elsewhere by contacting the Hyatt's reservations hostess.

SPECIAL EVENT NIGHT. Rock and roll along the Mighty Mississippi on the steamer, President. Boarding this historic, multi-decked packet at the foot of world-famous Canal Street will take you back a century where, without a care of your own, you will view from the river the old City that Care Forgot, dance or listen to two traditional New Orleans bands, and enjoy snacks and cocktails.

GENERAL CHAIRMAN. Jules Braunstein, Department of Earth Sciences, University of New Orleans, New Orleans, LA 70122, (504) 286-6800.

MAKE YOUR TRAVEL ARRANGEMENTS NOW!

Ask about Saturday travel.

Excursion air fares can save up to 50%.

Special fares available on a limited basis so book early!



PREREGISTRATION, FIELD TRIPS, AND HOUSING FORMS

Available in July issue of *GSA News & Information*

ABSTRACTS DEADLINE—MAY 21, 1982

PREREGISTRATION DEADLINE—SEPTEMBER 17, 1982

CONTACTS FOR INFORMATION

Abstracts Coordinator
abstracts forms

Employment Service Coordinator
participation by employers/applicants

Exhibits Coordinator
trade exhibits

Requests For All Other Information—Meetings Manager

Geological Society of America, P.O. Box 9140, Boulder, CO 80301 (303) 447-2020

TECHNICAL PROGRAM
New Orleans

PRELIMINARY ANNOUNCEMENT AND CALL FOR PAPERS

The technical sessions consist of both volunteered papers and invited symposia. Chairman of the Joint Technical Program: *William W. Craig*; Co-Chairman: *Lou Fernandez*, Department of Earth Sciences, University of New Orleans, New Orleans, LA 70122, (504) 286-6790.

VOLUNTEERED PAPERS. Abstracts for the technical sessions (both oral presentations and poster sessions) must be submitted on 1982 abstract forms available from GSA/Boulder and from geology departments of most colleges and universities. The abstract form will be used as camera-ready copy for publication in *Abstracts with Programs*. A \$15 fee will be charged to the senior author if retyping is necessary, and there will be no opportunity for authors to review or revise typed abstracts. NOTE: No more than one abstract from any person as sole or senior author will be accepted for publication, and, due to scheduling difficulties, no author may present more than one accepted paper; these restrictions apply only to technical sessions other than invited symposia.

DEADLINE FOR RECEIPT OF VOLUNTEERED ABSTRACTS AT GSA/BOULDER THURSDAY, MAY 21, 1982

Speakers in the regular technical sessions will be allotted a total of 15 minutes and will be expected to leave time for questions and discussion at the end of their presentations. Projection facilities will consist of a single 35mm (2x2 in.) projector in each room; dual projectors will not be available. Each poster session participant will be provided with three approximately 8'h x 4'w tackboards for display, but no projection equipment, electrical outlets, or tables will be available.

INVITED SYMPOSIA. Twenty symposia will convene during the 4-day meeting. Additional symposia will convene on Sunday, October 17. Any communication concerning symposia abstracts or participation should be addressed to the specific symposium organizers. Abstracts must be sent directly to symposium organizers, not to GSA.

INVITED SYMPOSIA 1982

1. Archeological Geology of Egypt and the Sudan: Archeological Geology Division; Claude Albritton and James E. Brooks.
2. Update on Gulf Coast Lignites: Coal Geology Division; Jack Crelling.
3. Engineering Geologic Lessons Learned from History: Engineering Geology Division; Chris Mathewson and George Kiersch.
4. Structure and Geophysics of Foreland Thrust Belts: Projection of Surface Structure to Depth in the Appalachian and Cordilleran Orogens (full day): Geophysics Division and Structural Geology and Tectonics Division (combined symposium); David Dunn and J. H. Robinson.

5. The Development of North American Geology: 1881 to the Present: History of Geology Division; Ellen T. Drake.

6. 1982 Centennial Frontier Symposium: Terrestrial Geology Concepts Influenced by Planetary Geology: Planetary Geology Division; Leon T. Silver.

7. Quaternary Geology and Chronology of Arctic Areas: Quaternary Geology and Geomorphology Division; John T. Andrews.

8. Tertiary Foraminifera of the Gulf Coast: Cushman Foundation; Barun K. Sen Gupta and Ed Picou.

9. Organic Geochemical and Mineral Deposits: Geochemical Society; Thomas C. Hoering.

10. Geologic Hazards Data: Geoscience Information Society; Regina Brown.

11. Application of Quantum Chemistry to Earth Materials: Mineralogical Society of America; G. V. Gibbs.

12. Recent Advances in Tectonics—Implications for Instruction: National Association of Geology Teachers; John R. Carpenter.

13. Paleobiology of Hydrocarbon-Rich Strata: E. G. Kauffman, R. W. Scott.

14. Gold in Volcanic Environments: Society of Economic Geologists; John E. Frost.

15. Geology of the Ellsworth Mountains, West Antarctica: Campbell Craddock, John Spletstoeser, Mort Turner, and Gerald Webers.

16. Stratigraphy and Depositional History of the United States Atlantic Margin: C. Wylie Poag.

17. The Ouachita Orogen: William B. Thomas and George Viele.

18. Tectonic Evolution and Early Geologic History of the Gulf of Mexico and Its Margins: Rex Pilger and Richard Buffler.

19. North American Continent—Ocean Transects (full day): United States Geodynamics Committee; Robert C. Speed.

20. Mafic and Ultramafic Rocks of the Appalachian Orogen: Kula C. Misra and Harry Y. McSween.

SUNDAY "AT LARGE" SYMPOSIA

21. The Geochemistry of Radionuclide Migration/Retardation (full day): Geochemical Society; Judith B. Moody and Thomas Wolery.

22. Evolution and Scientific Creationism: A Geological Perspective: Paleontologic Society; Arthur Boucot.

23. The Role of Stratigraphic Geology in Natural Hazard Evaluation: GSA Committee on Geology and Public Policy; Vic Baker and L. W. Lungren.

24. Amino Acid Geochronology: Applications to Late Cenozoic Geology (full day): Quaternary Geology and Geomorphology Division; Gifford H. Miller, P. E. Hare, and John F. Wehmiller.

New Orleans

FIELD TRIPS

Visits to classic deltaic and coastal settings, lignite localities, and examples of fluvial geomorphology will highlight the Gulf Coast area trips. Stratigraphy of Cretaceous rocks, modern carbonate environments, and structure and stratigraphy of the Ouachita Mountains will be featured in other trips.

Further information concerning the field trips can be obtained from individual trip leaders or from C. G. Groat, Chairman 1982 Field Trips Committee, Louisiana Geological Survey, Box G, University Station, Baton Rouge, LA 70893 (504) 342-6754. Unless otherwise noted, trips begin and end in New Orleans.

PREMEETING

1. **Lignite of the Gulf Coastal Plain: Texas and Louisiana (3 days).** John Johnston, Louisiana Geological Survey, Baton Rouge, LA, and W. R. Kaiser, Bureau of Economic Geology, University of Texas at Austin, Austin, TX (Coal Geology Division). Begins in Dallas, TX, and ends in New Orleans.

2. **Mississippi River and Delta Depositional Environments (2 days).** James Coleman and David Pryor, Coastal Studies Institute, Louisiana State University, Baton Rouge, LA (Quaternary Geology and Geomorphology Division).

3. **Appalachian Thrust Belt in Alabama (3 days).** William A. Thomas, University of Alabama, University, AL, Greg H. Mack, New Mexico State University, Las Cruces, NM, Thornton L. Neathery, Geological Survey of Alabama, University, AL, and James F. Tull, University of Alabama, University, AL.

4. **Cultural and Morphological Changes in the Upper Barataria Basin, ca. 900-1700 A.D. (1 day).** Tom Ryan, U.S. Army Corps of Engineers, New Orleans, LA (Archaeological Geology Division).

5. **Reefs and Geology of Grand Cayman Island, B.W.I. (3 days).** Harry H. Roberts and Robert M. Sneider, Coastal Studies Institute, Louisiana State University, Baton Rouge, LA. Begins and ends in Grand Cayman, B.W.I.

6. **Mississippian-Pennsylvanian Shelf-to-Basin Transition, Ozark and Ouachita Regions, Arkansas and Oklahoma (3 days).** Patrick K. Sutherland, University of Oklahoma, Norman, OK, and Walter L. Manger, University of Arkansas, Fayetteville, AR. Begins in Fayetteville, AR, and ends in New Orleans.

7. **Surface Effects of Jefferson Island Salt Dome Collapse, Lake Peigneur Area (1 day).** Whitney Autin, Louisiana Geological Survey, Baton Rouge, LA (Engineering Geology Division).

8. **Transgressive Sedimentary Environments of the Mississippi Delta (3 days).** Shea Penland, Louisiana State University, Baton Rouge, LA, and Ron Boyd, Louisiana Geological Survey, Baton Rouge, LA.

9. **Upper Cretaceous in the Lower Mississippi Embayment of Tennessee and Mississippi: Facies and Biostratigraphy (3 days).** Ernest Russell, Mississippi State University, Mississippi State, MS. Begins in Columbus, MS, and ends in New Orleans.

10. **Problematic Differentiation of Unfossiliferous Clastics: Solutions for the Southern Portion of the Alabama-Mississippi**

Coastal Plain (2 days). George C. Flowers, Tulane University, New Orleans, LA, and Wayne C. Isphording, University of South Alabama, Mobile, AL.

POSTMEETING

11. **Hydrogeology of Carbonate Rocks of the Yucatan Peninsula, Mexico (4 days).** Al Weidie and Bill Ward, University of New Orleans, New Orleans, LA, Bruce Hanshaw, U.S. Geological Survey, Reston, VA, and Bill Back (Hydrogeology Division).

12. **Coastal Sedimentary Environments: Louisiana Chenier Plain and South Central Texas (3 days).** Dag Nummedal, Louisiana State University, Baton Rouge, LA, and Robert A. Morton, University of Texas at Austin, Austin, TX. Begins in New Orleans and ends in Corpus Christi, TX.

13. **Ouachita Thrust Belt in Arkansas (3 days).** George W. Viele, University of Missouri, Columbia, MO, Boyd R. Haley, U.S. Geological Survey, Little Rock, AR, Charles G. Stone, Arkansas Geological Commission, Little Rock, AR, and William A. Thomas, University of Alabama, University, AL. Begins in New Orleans, and ends in Birmingham, AL.

14. **Geopressed-Geothermal Resources: Geology and Test Well Program (1 day).** Ray Wallace, U.S. Geological Survey, NSTL, MS, Keith Westhusing, U.S. Department of Energy, Bartlesville, OK, and Don Bebout, Louisiana Geological Survey, Baton Rouge, LA.

15. **Amite River Point Bars: A Detailed Look (1 day).** Whitney Autin, Louisiana Geological Survey, Baton Rouge, LA.

16. **Fossil and Modern Reefs of Jamaica (4 days).** W. David Liddell and Sharon L. Ohlhorst, Utah State University, Logan, UT, Tony Coates, George Washington University, Washington, D.C. Begins in New Orleans, and ends in Miami, FL.

17. **Shallow Shelf to Pre-Flysch Stratigraphy and Sedimentation (Cambrian to Mississippian), Ouachita-Ozark Mountains, AR (4 days).** C. Robertson Handford, Amoco Production, Tulsa, OK, and Donald Lowe, Department of Geology, Louisiana State University, Baton Rouge, LA. Begins in New Orleans and ends in Little Rock, AR.

COUNCIL ACTIONS, FALL 1981

The following actions were taken by Council during its fall meeting in Cincinnati, Ohio, on November 1 and 4, 1981:

1. Approved the GSA budget for 1982.
2. Voted to place the Arthur Andersen & Company computer proposal on hold while alternative plans were being explored.
3. Received progress reports on plans for the 1988 GSA Centennial, the Decade of North American Geology, and the GSA Foundation.
4. Approved the terms of reference for the Centennial Steering Committee and for the position of Centennial Science Program Coordinator.
5. Approved the overall 1981-1990 budget and the 1982 detailed budget for the GSA Centennial and the Decade of North American Geology programs.
6. Instructed the GSA president to submit a request to the GSA Foundation for reimbursement to GSA (at such time as funds are available) of 1981 expenditures incurred in support of the Decade of North American Geology project and the budgeted expenditures for 1982.
7. Ratified the actions of the Investments Committee taken during its September 18, 1981, meeting in NYC involving the various funds in the portfolio of the Society.
8. Received the report of the treasurer for audit.
9. As required by law, approved certain financial resolutions.
10. Voted to contribute \$5,000 for the year 1982-83 to the support of an AGI congressional fellow.
11. Approved the terms of reference for the committee on Publications and the external editors for *Bulletin*, *Geology*, *Memoirs/Special Papers*, and *Maps and Charts*.
12. Named the following external editors for three-year terms:

Robert D. Hatcher, Jr., and	
William A. Thomas	<i>Bulletin</i>
Eldridge M. Moores	<i>Geology</i>
William G. E. Caldwell	<i>Memoirs and Special Papers</i>
John C. Reed, Jr.	<i>Map and Chart Series</i>

13. Advanced 15 Members to Fellowship and ratified the election of 254 candidates to membership in the Society.
14. Established a separate membership category for one spouse of a marriage entitling that person to be a member of GSA, without receiving the *Bulletin* and *Geology*, for a membership fee of \$22; that the reduced fee be allowed on request.
15. Voted to include with Honorary Fellowships lifetime subscriptions to the *Bulletin* and *Geology*, effective January 1, 1982.
16. Discussed the plateau in societal growth, GSA's image and how the Society is perceived, reasons for joining the Society, a recruitment slide and video show, and membership benefits.
17. Approved two Penrose Conference proposals; voted not to renew GSA's proposal-prescreening-contract with a conference coordinator but did extend its advisory-service-contract on a year-to-year basis.

18. Received a progress report on the forthcoming "Manpower, University Programs, and Research Funding for the Geosciences" workshop sponsored by the Committee on Geology and Public Policy.
19. Voted to modify the current procedures for the nomination of the Penrose medalist, Day medalist, and Society vice-president to allow for the carry-over of nominations.
20. Because the New Orleans annual meeting will be earlier than usual (October 18-21), the local committee asked headquarters to mail the preregistration forms early. To accommodate this early mailing, Council authorized the Executive Committee to set the registration fees.
21. Confirmed the following local committee chairmen for the 1984 annual meeting in Reno:

Lawrence T. Larson	General Chairman
James Firby	Co-Chairman/Treasurer
David B. Slemmons	JTPC Co-Chairman
John Bell	JTPC Co-Chairman
Joseph Lintz, Jr.	Field Trip Chairman
22. Confirmed the following local committee chairmen for the 1985 annual meeting in Boston:

James Skehan	General Chairman
Richard S. Naylor	Co-Chairman
John S. Schlee	JTPC Chairman
Margaret D. Thompson	JTPC Co-Chairman
Peter Robinson	Field Trip Chairman
Leo M. Hall	Field Trip Co-Chairman
23. Authorized the Executive Director to supervise the publication of annual meeting guidebooks; that GSA may be the publisher of these guidebooks if that becomes desirable.
24. Instructed the staff to explore ways of providing media coverage for GSA's annual meetings, products, and the overall image of the Society.
25. Voted that registration for Sunday at GSA annual meetings not be implemented; established guidelines for Sunday symposia at GSA annual meetings; authorized the Joint Technical Program Committee chairman to have the final word in acceptance or rejection of symposia at GSA annual meetings; established the policy that GSA divisions and associated societies must receive at least 16 volunteered abstracts to qualify for GSA reimbursement of expenses for their representative's attendance at the JTPC meeting at headquarters.
26. Ratified the 1981 Burwell Award winners selected by the Engineering Geology Division and the 1981 Cady Award winner selected by the Coal Geology Division.
27. To improve communications, appointed specific councilors to serve as liaison members between the divisions and Council.
28. Approved modifications to various GSA division bylaws.
29. Approved the establishment of the George P. Woollard Award within the Geophysics Division and the History of Geology Award within the History of Geology Division.
30. Adopted as the report of Council the 1980 ANNUAL REPORT OF OFFICERS AND COMMITTEES, which was submitted to the annual corporate meeting as required by the bylaws.

31. Adopted a resolution of thanks to outgoing officers, councilors, committee people, and those responsible for the success of the Cincinnati annual meeting; copies were mailed to those involved.

32. Received a report concerning the successful sale of surplus inventory at GSA's warehouse in Burlington, Vermont.

33. Selected members of the Society to serve on the 1982 committees and as representatives to non-GSA groups.

34. Extended the appointment of the 1981 GSA Auditing Committee through 1982; members as follows: Dallas L. Peck, chairman, Hubert Gabrielse, Robert D. Hatcher, Jr., and William B. Heroy, Jr., treasurer, conferee.

35. Ratified the following slate for the 1982 Committee on Committees: Thornton L. Neathery, chairman, Samuel S. Adams, Robert G. Coleman, William L. Fischer, and John Imbrie.

36. Named Walter C. Sweet as the Society's delegate to the centennial celebration of the Geological Society of Italy in Bologna during September 1982.

37. Voted to participate in the 1982-83 commemoration of the anniversaries of the International Polar Years and the International Geophysical Year.

38. Accepted reports from standing committees, sections, divisions, and representatives to non-GSA groups.

39. Named Executive Committee members to represent the governing body of the Society at the 1982 section meetings.

40. Set January 24-26, 1982, for the Executive Committee, Investments Committee, and Associated Society Presidents/GSA Executive Committee meetings at headquarters in Boulder, Colorado.

41. Selected May 25, 1982, for the Centennial Steering Committee meeting; May 26, 1982, for the Executive Committee, Audit Committee, and section treasurers/controller meetings; May 27-28, 1982, for the spring meeting of Council; all at headquarters in Boulder, Colorado.

42. Took other minor actions, records of which are on file at headquarters.

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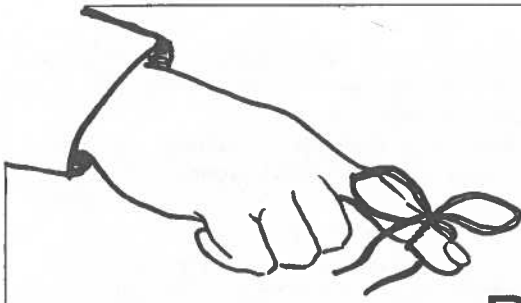
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REMINDER

Deadline for receipt of abstracts at GSA headquarters for the Annual Meeting in New Orleans is May 21, 1982. Mail volunteered abstracts* to Abstracts Secretary, Geological Society of America, P.O. Box 9140, Boulder, CO 80301 to arrive on or before May 21.

ABSTRACTS DEADLINE

*Abstract forms available upon request from the above address.

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