MESSAGE FROM
THE CHAIRMAN

Dear Colleagues:

Florida is the land of sunshine and opportunity for many people, and this is especially true for the Hydrogeology Division in 1985. Arrangements have been completed for the GSA meeting including a Hydrogeology Symposium and field trips under the direction of Dr. Mark Stewart of the University of South Florida. Due to Mark's diligence and hard work, hydrogeology is represented every day of the meeting on the Technical Program.

On Monday morning, there will be a poster session with 18 papers. Our annual cocktail party is that evening. On Tuesday, we will have the Meinzer talk at 11:00 A.M., followed by the luncheon and business meeting. That evening there will be a special Symposium on Prospectives of Management and Disposal of Hazardous Wastes, which is co-sponsored by the Hydrogeology Division. Wednesday morning, the Hydrogeology Symposium, arranged by John Vecchioli, USGS, Tallahassee, Florida, will focus on the Multiple Uses of Aquifers. Wednesday afternoon's session will include a series of papers on karst hydrogeology and geochemistry. General geology and mathematics will be the topic of 12 additional papers on Thursday morning.

The meeting will be preceded on Saturday and Sunday by a field trip of karst hydrogeology in central and northern Florida. During the meeting, there will be a self-guided field trip to the Winter Park sinkhole. In addition, a field trip to the Florida land pebble phosphate district is scheduled to follow the technical session. Field trips have been arranged by Mr. Joel Kimery, USGS, Orlando, Florida. Numerous other people worked reviewing abstracts and contributing time to many other areas. Due to their dedication, we should have an outstanding program in Hydrogeology at the Orlando meeting. I think with this program we can expect another record-breaking attendance by hydrogeologists.

The D.E. Meinzer Award this year will be presented to Dr. John Cherry of the Institute of Ground Water Research, University of Waterloo, Ontario, Canada for the body of papers in the science of Hydrogeology and Geochemistry. He has been recently honored in a special issue of the Journal of Hydrology, as well as being a co-author of a widely-recognized textbook entitled "Ground water." Citationist for the Meinzer Award will be Dr. Robert Farvolden.

The distinguished service award committee chaired by Darryll P. Pederson has selected Joe Poland and Stanley Lohman to receive this year's awards. Citationists will be George Davis and Darryll Pederson.

Hydrogeology, in the last several years, has come to the forefront of the scientific and public eye. Concern over ground-water pollution has affected the passage of numerous laws and regulations by state and federal government. With this has come a need for "certified" hydrogeologists. A series of societies and organizations are now offering certification or registration for hydrogeologist, geohydrologist, or ground-water geologist. It is nice to see recognition, but this rampant certification is causing as much confusion in the minds of the public and regulators as the lack of certification. We need to respond to this issue. Last fall at our business meeting, we did not endorse certification by any particular group. It is my understanding that the Office of Ground Water Policy will also be drafting regulations requiring certification by a geologist or ground-water geologist of materials submitted to regulatory bodies. The Delaware River Basin Commission is finalizing regulations pertaining to wells and water supply requiring certification.

I don't know where this will end, but we need a nation-wide statement as to what a certified-registered hydrogeologist represents and who can qualify for such a title. Recognition is good, the exposure is good to the profession. But we must be certain that the public needs are satisfied by competent professionals.

In closing, 1984/1985 has been a satisfying and enjoyable experience as Chairman of the Hydrogeology Division. Many people have assisted in the functions of the Division as officers and members of Committees. I appreciate their cooperation and support and look forward to 1985/1986 being an outstanding year for the Hydrogeology Division.
JOHN A. CHERRY
1985 O. E. MEINZER Awardee

John A. Cherry of the Department of Earth Sciences of the University of Waterloo is the recipient of the 1985 O. E. Meinzer Award. Dr. Cherry was recognized for his research activities and publications during the past 5 years that focused on the movement of contaminants in the subsurface. The award, which is now based on a body of work rather than an individual publication, cited the following publications coauthored by Dr. Cherry:


The Birdsall Lectureship offered me a unique opportunity to see the total picture of hydrogeology across the United States. I travelled from coast to coast, visiting 18 institutions. To those people whose invitation I turned down, I offer my apologies. The Lectureship has become very popular; I received over 50 requests. I started with a week of travel in California and Nevada, then a week in Arizona and New Mexico, then a week in the midwest and finally a week up the east coast. I ate chili in Socorro and crabmeat in Baltimore.

As there is a diversity of cuisines across the country, so are there variations in hydrogeology programs. Some programs, such as Arizona or New Mexico Tech are large; others such as U.C. Santa Cruz or Johns Hopkins are small. Often a university's program in hydrogeology is oriented toward its local geologic and hydrogeologic setting. Dave Huntley's program at San Diego State is oriented around studies in southern California, whereas Don Siegel has students working on problems in New York. The strength of some programs lies in numerical and analytical approaches to hydrology; others are dominated by hydrochemistry. Regardless of the setting or the university, I saw quality students and dedicated professors. In some universities, the hydrogeology graduate students dominated the programs with up to half the students in the overall program.

Hydrogeology is alive and prospering very well. Most of this prosperity, however, is at the master's level. Consultants and state and federal agencies are hiring every available student. Conversely, there are not enough Ph.D. candidates in our hydrogeology programs. Through my travels I counted 9 departments looking for hydrogeology faculty. Doctoral candidates are needed now for the future—to teach the future hydroscientists and continue researching the problems of hydrogeology. It is obvious that the field of hydrogeology will continue to grow. It is important that we counsel our students to the advantages of the doctorate as well as to the advantages of the master's degree.

I thank you all for the opportunity to be the Birdsall Lecturer. I hope those that I visited gained as much as I did by visiting.
ANNUAL MEETING AT ORLANDO
October 28-31, 1985
Orange County Convention/Civic Center

Mark Stewart, Joel Kimrey, and John Vecchioli, Hydrogeology Division members of the Joint Technical Program Committee, have organized an exciting program for our 1985 annual meeting. Division-sponsored and other activities of potential interest to Division members are:

Sunday, October 27
Pre-meeting Field Trip: Karst Hydrogeology of Central and North Florida. Barry F. Beck. Limit 90; fee $65 (includes breakfast, lunch, and dinner). (Meet evening of October 26). Preregistration deadline: September 27.

Monday, October 28
Poster Session. Convention Center, North Hall. 0800-1130.

Monday-October 28

Tuesday, October 29
Hydrogeology Division Management Board Meeting/Breakfast. Marriott, Sago Room, 0800-1030.

Hydrogeology Division, Luncheon, Awards, and Business Meeting: Marriott, Orange Room, 1230-1500 (cash bar 1200-1230). Luncheon cost $13 (tickets available by preregistration or at GSA registration desk up to 24 hours before luncheon).

Tuesday, October 29

Wednesday, October 30
GSA Hydrogeology Division Symposium on Multiple Uses of Aquifers. Convenor: John Vecchioli. Convention Center, South Hall A, 0800-1145. 5 papers, 30 minutes each.

Wednesday, October 30
Hydrogeology I, Warren Wood and Janet S. Herman, presiding. Convention Center, 8GH Orange Blossom, 1330-1730. 16 papers, 15 minutes each.

Thursday, October 31
Hydrogeology II, James G. Geraghty and Lon Ruedisilli, presiding. Convention Center, 8GH Orange Blossom, 0800-1100. 12 papers, 15 minutes each.

Friday-Saturday, November 1-2
Post-meeting Field Trip Florida Land-Pebble Phosphate District. James B. Cathcart, Mark J. Stewart, Tom Scatt. Limit 45; fee $100 (includes one overnight and 2 lunches). Preregistration deadline: September 27.

Save by registering before September 27. Preregistration is $80; on-site registration is $95.
STANLEY W. LOHMAN AND JOSEPH F. POLAND
1985 DISTINGUISHED SERVICE AWARD CO-RECIPIENTS

Stanley W. Lohman and Joseph F. Poland will be presented with the Division's Award for Distinguished Service at the Annual Meeting in Orlando this fall. This new Division honor, made in recognition of distinguished personal service to the hydrogeology profession, was awarded for the first time at the 1984 Annual Meeting in Reno. The first recipient was George Burke Maxey.

Joseph F. Poland started his career as a petroleum geologist with Tropical Oil Company. During his career he has earned advanced degrees at Stanford University and has had a long association with the U.S. Geological Survey. He established, and led for many years, the aquifer mechanics project of the USGS. He has been very active in professional organizations.

Stanley W. Lohman has had a major impact on the profession of ground-water hydrology through his efforts in administration, research, and training. This impact has been both direct and indirect because of his foresight in guidance and training of hydrologists. He has been active in numerous professional organizations.

NOMINATIONS FOR DISTINGUISHED SERVICE AWARD SOLICITED

An annual award for distinguished service was established and presented at the 1984 Annual Meeting in Reno of the Hydrogeology Division. The award recognizes distinguished personal service to the hydrogeology profession. The recipient must be a member of the Geological Society of America, but he need not be a resident or citizen of the United States. The award is based on a history of sustained creditable service to the hydrogeology profession.

The selection process for the award starts after the Annual Meeting when nominations from the division are solicited. Nomination forms may be obtained from Division Secretary, Phyllis M. Garman (7570 Bidwell Road, Joelton, Tennessee 37080). Nominations should be submitted to the new chairman of the selection committee, George H. Davis (10408 Insley Street, Silver Spring, Maryland 20902), by January 30, 1986.

WANTED: SYMPOSIUM CONVENORS AT NATIONAL MEETINGS

Each year the Division is invited by GSA to sponsor a half-day symposium at the Annual Meeting. If you have a topic in hydrogeology of broad interest and are willing to put together a symposium of the caliber demanded by a national meeting, here is your opportunity. Please contact the Chairman or the Secretary-Treasurer of the Division for a copy of "Instructions to Symposia Organizers." Selections are made a year in advance by the Division Management Board at the Annual Meeting. GSA meetings are scheduled for:

1986 - San Antonio, November 10-13
1987 - Phoenix, October 26-29
1988 - Denver, October 31-November 3
1989 - St. Louis, November 9-12
1990 - San Diego, October 22-25

If you are interested in proposing a symposium for the 1986 San Antonio Annual Meeting, the proposal should be submitted to the Chairman in time for the Division Management Board Meeting on October 29, 1985, in Orlando, Florida. The deadline for receipt of symposium proposals from the Division to the Joint Technical Program Chairman is January 1, 1986.

SYMPOSIUM ON ENGINEERING GEOLOGY AND SOILS ENGINEERING

CALL FOR PAPERS

The 22nd (biennial) Symposium on Engineering Geology and Soils Engineering will be held on February 26, 27, and 28, 1986, in Boise, Idaho. Papers in engineering geology, geotechnical engineering, and engineering aspects of ground water are invited for presentation at technical and poster sessions and for publication in the proceedings volume.

Special sessions are planned for the topics: waste disposal and toxic-waste clean-up operations in the soil and ground water environment, and seismic considerations in geotechnical engineering.

Proceedings volume will be published before the meeting. Deadline for preliminary abstracts (one-page limit) is October 30, 1985. Authors will be notified of acceptance by November 20. Final camera-ready manuscripts (20-page limit) must be received by January 25, 1986 in order to be included in the proceedings volume. For further information contact symposium chairman: Spencer H. Wood, Department of Geology and Geophysics, Boise State University, Boise, Idaho 83725 (208) 385-3629.
HYDROGEOLOGY DIVISION DNAG PROJECTS

The final coordinating conference for The Ground-Water Hydrogeology of North America was held June 8-9, 1985, in Denver, Colorado. Chapter texts were reviewed.

The outline for The Surface Water Hydrology of North America is now complete as are the outlines for individual chapters. Text preparation is in progress. The final coordinating conference for this volume is tentatively scheduled for January 1986.

Both volumes are scheduled for publication in 1986 as part of the Decade of North American Geology Project organized by the Society for its centennial.

INTERNATIONAL ASSOCIATION OF HYDROGEOLOGIST

The International Association of Hydrogeologists (IAH) is a nonprofit, international, scientific, and educational organization that was established to exchange hydrogeologic information and to advance the science of hydrogeology. IAH, which promotes cooperation between scientists who are working on hydrogeologic problems, is affiliated with the International Union of Geological Sciences (IUGS).

The IAH will accept for membership an individual engaged in hydrogeologic investigations, research, or management. Membership is granted on the basis of scientific qualifications, experience, and publications. Dues are $17.00 per year. For membership applications contact F. L. Doyle, Secretary-Treasurer, IAH, 4875 Wheatstone Drive, Fairfax, Virginia 22030.

CHARLES W. CARLSTON PASSES AWAY

In May 1985, Dr. Charles W. Carlston, a Fellow of the Society since 1951, passed away. Mrs. Carlston asked that, in lieu of flowers, contributions be made to the O. E. Meinzer Award fund of the Hydrogeology Division in memory of Dr. Carlston. Since there is no Meinzer Award fund, per se, the monies will be deposited in the Division account and designated as a contribution in memory of Dr. Carlston.

TREASURER'S REPORT

As of December 31, 1984, the Division had a balance of $3,269.80 in the treasury.

Income:

Dues 1984 $2736.00
Earnings on Birdsall Bequest $ 979.55
Previous Balance $2490.15
Expenses $3915.45

As of press time, the 1985-86 Birdsall Distinguished Lecturer had not been announced.
1985 MANAGEMENT BOARD

CHAIRMAN
Grover H. Emrich, Valley Forge, Pa

FIRST VICE-CHAIRMAN
William Back, Reston, VA

SECOND VICE-CHAIRMAN
Wayne A. Pettyjohn, Stillwater, OK

SECRETARY-TREASURER
Phyllis M. Garman, Joelton, TN

PAST-CHAIRMAN
George H. Davis, Silver Spring, MD

JOINT TECHNICAL PROGRAM COMMITTEE
Mark Stewart, Program Chairman
Joel Kimrey, Field Trip Chairman
John Vecchioli, Symposium Chairman

DIVISION LIAISON TO COUNCIL
Mel Schroeder

REPRESENTATIVES TO OTHER SOCIETIES
William Back, American Association for the Advancement of Science, Section U
John E. Moore and Frank L. Doyle, U.S. Committee for the International Association of Hydrogeologists
David A. Stephenson, U.S. National Committee for Scientific Hydrology (IHIP)

SECTION MEETING REPRESENTATIVES
Alvin R. Leonard Cordilleran
Lon Ruedisili North Central
Frank J. Wobber and
Jeffrey P. Sambat Northeastern
Joseph S. Rosenshein Rocky Mountain
Arthur Hounslow South Central
Donald G. Jordan Southeastern

NEWSLETTER CO-EDITORS
Thomas L. Holzer
U.S. Geological Survey, MS 977
345 Middlefield Road
Menlo Park, CA 94025
(415) 323-8111, x2760

Heidi Horten
8756 E. San Pedro Dr.
Scottsdale, AZ 85258
(602) 951-0976