

prepared to assist geologists in gaining a better perspective on cradle to grave requirements and goals in our profession.

The DPA continued its series of popular instructive technical programs at the Annual Meeting titled *"The Professional Geologist of the 1990's and Beyond — Adapting To A Changing Market."*

I believe that these various programs represent an ongoing positive direction for DPA. My attempt to take a more positive role and enlightened approach in the certification process has reduced the confrontational nature of that process resulting in a less expensive and more positive image for DPA.

C. R. Noll, President

Energy Minerals Division

The progress of EMD is measured by its membership. Fiscal-year-end membership grew from 760 founders in July 1977 to a peak of 1979 in 1984, coincident with the peak of the third uranium boom of this century. It grew again from a trough of 1,601 to a secondary peak of 1,834 in 1988 as coal replaced uranium in prominence. Since then membership has fluctuated between 1,601 and 2,037, and at the end of 1993 was 1,923. About 5 percent of AAPG members are engaged or interested in energy minerals. As AAPG represents dominantly the oil industry, this in turn may measure oil company participation in energy minerals.

This year, AAPG took a giant step by expanding its constitutional scope to the geology of "other subsurface fluids, and mineral resources," thus effectively allowing the future organization to address the spectrum of mineral resources more equally. EMD by definition still is confined to the energy minerals, but the expanded scope invites EMD to consider resources related to or used in the production of energy minerals (clays, barite, PGE, REE, etc.).

Five new committees are being organized to address the goals stated above. An EMD National Meeting Committee will be dedicated only to the national convention. Walter T. Haenggi of Magma Power Co. has been invited to be Chairman for the 1996 San Diego Meeting.

A Section Conventions Committee will be chaired by the National Meeting Chairman of the former year. The committee is composed of the National Meeting Chairman, the section council-

ors and their appointees. The Chairman advises the next two National Meeting chairmen, and standardizes EMD activities in sectional meetings. Mike Fein, EMD organizer for New Orleans, accepted the Chair.

At the New Orleans Meeting EMD and DPA approved the certification of coal geologists by the DPA Certification Committee expanded to include certified coal geologists. Certification cannot begin until the AAPG modifies its Bylaws which presently allow the certification only of petroleum geologists. The modification will be presented to the House of Delegates for vote at the 1994 Denver Convention. A Coal Certification Committee, chaired by B. Mitchell Blake Jr., will work with The Division of Professional Affairs. When the procedure is perfected, attention will be turned to other disciplines such as geothermal and remote sensing.

A Liaison Committee chaired by Samuel A. Friedman will seek better communication between committees and sections, and with AAPG and other societies.

An Economics Committee (the economic balance between energy minerals) will be chaired by Doland F. Towse. EMD commodity committees offer expertise, statistics and summaries on their own commodity, but seldom look across commodity boundaries. Yet management and public policy need a balanced perspective across the spectrum of commodities. A professional society (such as EMD for energy minerals) composed of industrial professionals and necessarily immune to the bias of any organization or commodity, is best disposed to strike and periodically revise a fair balance. The committee will include all the commodity chairpersons, as well as representatives of industry, government, and academia.

A Corporate Committee is being organized to seek greater corporate involvement in EMD affairs. A chairperson is being sought.

The treasury balance at the beginning of Fiscal Year 1993 was \$10,562. During the first half of the year income was \$11,635 against expenses of \$12,577, a loss of \$942, leaving a treasury balance 31 December 1992 of \$9,620. The savings balance was \$20,000. By the end of the fiscal year, 30 June 1993 the loss had grown to \$10,943, due principally to losses at New Orleans, leaving a negative cash balance of (\$372). To help offset this loss our savings account was debited \$7000 leaving a savings balance

of \$13,000, and total assets of \$13,784.

As announced in the June 1993 EMD newsletter, EMD dues were raised from \$10 to \$15 by the November-1992 vote of the EMD Executive Committee, to become effective July 1, 1994.

Mike Fein produced a worthwhile EMD program at the New Orleans National Convention with two oral sessions and one poster session.

At New Orleans, Distinguished Founders Awards were presented to Ruffin Rackley and Robert Fuchs. The EMD Distinguished Service Award was presented to William L. Chenoweth. The EMD Past President's Award was presented to Douglas C. Peters. Certificates of merit were presented to Carroll F. Knutson, E.E. Gilbert, Sayed Hasan, Michael A. Wiley, and John W. Gabelman.

At the EMD Luncheon the award for the best paper presented in 1992 at the Calgary AAPG Annual Meeting was given to Daniel Yee, J.P. Seidle, and W.B. Hanson for their paper titled "Gas Sorption on Coal." The Best Poster Award went to Jon S. Dudley and Craig H. Moore for their poster titled "Coupled Reaction Transport Modeling of Oil Sand Steam Simulation." Certificates of Merit were given to Andrew R. Scott and W. A. Ambrose for their paper titled "Thermal maturity and coalbed methane potential of the greater Green River, Piceance, Powder River, and Raton basins;" and to Marion P. Segall, J.K. Rafalska, and S.A. Kuehl for their poster titled "Organic matter distribution in fine-grained deltaic sediments: a physical-geochemical investigation of kerogen microhabitat."

The award for the best paper at New Orleans is to be shared by authors from the two technical sessions. The papers were so close in quality as to produce a tie. Winners are: Jeffrey S. Hanor for his paper titled "Underground injection of the hazardous industrial waste in Louisiana", and Keith Murray & Thomas G. Fails for their paper titled "Coalbed methane in the United Kingdom". The best poster award went to Jack C. Pashin and R.E. Carroll for their poster titled "Depositional environments of coalbed methane reservoirs in the Pottsville Formation (Lower Pennsylvanian), Cahaba Synclinorium, Alabama."

EMD's latest publication, *Geology in Coal Resource Utilization*, edited by Douglas C. Peters, received a very favorable review by John S. Mead in the *International Journal of Coal Geology* (v. 22, p.163-4).

The EMD computer bulletin board,

The Energy Connection, continues healthy and useful under the devoted care of Scott McCulloch at the West Virginia Geological and Economic Survey in Morgantown, West Virginia. EMD and AAPG are invited to make wider use of the information available.

John W. Gabelman, President

Division of Environmental Geosciences

The Division of Environmental Geosciences was one year old on June 30, 1993. We have 2,210 members as of this writing. We continue to grow and enthusiasm abounds among the members of this new Division. We held an Executive Committee meeting by teleconference on July 21st. It is a very effective and reasonable way to start the new fiscal year. Our next Executive Committee meeting will be held in Williamsburg, Virginia on September 19th. The Executive Committee and Standing Committees met in New Orleans during the convention and standing committee set goals for the coming fiscal year.

The first convention for the Division of Environmental Geosciences was very successful. We had one field trip, one short course, one joint oral session with EMD and DPA, two DEG oral sessions, one DEG poster session, a DEG sponsored environmental science employment seminar, six DEG committee meetings, first Division meeting, the DEG Executive Committee meeting, Tobin Science Theatre Program - Concern for the environment - a joint DPA-DEG luncheon and a DEG exhibit booth in the Exhibit Hall. Ms. Gay H. Larré, Barry Kohl and Jim Hartman are to be congratulated on their hard work for an excellent program and getting things assembled and started for DEG. At the Denver Annual Meeting Laura M.

Bageley and James Waldron will receive the Best Paper Award on their paper at the New Orleans meeting entitled "Impact of Hydrogeology on Contaminant Migration and Abandonment of Production Impoundments: Case Histories in Kern County, California". Mr. Jim Evans of New Orleans was Chairman of the Best Paper Award and three sessions were judged. One was titled "Get It Out Cleanly: The Environment and Extraction of Energy Minerals," the second was entitled "Environment Improvements in Onshore Petroleum Exploration and Development," the third was entitled "Hydrogeology and Environmental Issues."

Arthur Van Tyne is our Chairman of the VPG and has an active program in which environmental issues will be discussed at various colleges and universities in the U. S. William G. Murray, past Secretary-Treasurer of DEG, has accepted to be the DEG's representative to the GEO-Environmental Forum which is a compilation of the environmental organizations. This dialogue will give DEG representation in this newly formed group.

Brian Shaw has agreed to be DEG's Committee Chairman, for AAPG Computer Applications Committee. Because of the rapid growth of environmental issues, this could be a very important committee for the betterment of DEG members.

Susan Kiser, Vice President, is working closely with Steven Veal, Chairman of DEG's program for the 1994 Denver convention. We are going to have a symposium, a short course, a field trip and an overview of State Regulations.

It is our intent this year to come out with our first Journal. Hopefully, this will be published before the Denver meeting and ready for distribution during the convention. We are also tentatively working on a Treatise on Environmental Geology which would basically be a handbook for those people who need references when dealing with

environmental problems.

An ad hoc Training Committee was proposed during our Executive Meeting and we are looking for a chairman. The purpose is to assemble timely programs and courses so our sections and societies can stay current on environmental issues and problems.

We have presented Environmental Site Assessments courses in Midland, Tulsa and Denver. The "Fundamentals of Federal Environmental Regulations and the Impact on the Petroleum Industry" course was presented in Midland and Houston. We will continue to look for individuals and offer courses for the benefit of our membership and anyone else interested in environmental issues as soon as we can find the course leaders at reasonable prices.

The third printing of our quarterly newsletter, "The Reporter," has been well received. This four-page publication deals with current environmental issues in order to educate our membership. Publishing a Journal on a semi-quarterly or semi-annual basis will also give our membership the input on environmental issues and challenges that we all face today.

The Division will be represented at all the regional meetings this year and intend to have poster and technical sessions along with co-sponsoring luncheons with the other Divisions.

We have had great support from the AAPG Executive Committee as we continue to grow. I think our numbers and interest will increase as time goes on. We have a tremendous challenge educating our members on environmental issues.

I look forward to working in this particular area so that we can come forward with both sides of an issue and let our membership decide what is the best position to take. By doing this we will be unbiased and hopefully we can continue to grow.

Bernold M. "Bruno" Hanson, President