In the current issue (as this column was being written) of National Journal, Lawrence Mosher raises a question of vital interest to AEEP members: "Will EPA's budget cuts make it more efficient or less effective?" How severe are the cuts? And where are they? Let me refresh your memory on this. The Reagan budget proposal for 1982 sought a 12 per cent cut from 1981 levels in EPA research and pollution control spending. EPA's R&D activities were targeted to suffer the most. In general, research will be cut 16 per cent in 1982, but some areas will be hit harder than others. Water quality and energy-related research is to be cut by 22 and 31 per cent, respectively. EPA Administrator Anne Gorsuch is reported to have directed her assistants to include an additional 20 per cent cut in putting the 1983 budget together.

During the summer, 27 members of the House Science and Technology Committee expressed serious concern over such cuts to the new EPA Administrator. "This dramatic change," the Committee members wrote, "will result in years of research investment being wasted and seriously impede the acquisition of information that is required for effectively implementing our environmental statutes and solving environmental problems such as acid rain, hazardous waste, air and water quality, groundwater contamination and energy pollution. Moreover, it would seriously weaken the foundation of information on which Congress and the nation must rely to make environmental policy decisions."

Changing directions briefly, many of us have been very interested in how the Administration would like to modify the Clean Air Act. At an August press conference, Anne Gorsuch spoke on this. "The air will continue to improve under the broad standards that we have adopted," the EPA Administrator said but then added "we will move toward our goals at a more reasoned pace." Automatic emission standards would be eased but, she believed, this would not degrade air quality, in fact, air quality would improve anyway, since older automobiles which do not have to meet current rigorous standards would gradually be jacked out. Would that some other pressing environmental problems go away on their own like this?

From what has transpired, and from a variety of Washington and private-sector sources, the Administration game plan has been to concentrate totally on the budget and tax cut in the first six months, and to stay well clear of domestic issues that could endanger the economic package. At EPA, several top assistants are yet to be appointed at headquarters, and most Regional Administrator slots are still unfilled. Now that the budget and tax bills have been moved successfully through the Congress and signed into law by the President, official Washington is on vacation. When this is over action should begin on issues and programs. When the pace does pick up, and programs take shape, and issues start to dominate, let's hope the environment is well served. There was much concern early on that Anne Gorsuch would, or must, allow all the substantive shots at EPA to be called by Interior Secretary Jim Watt who chairs the Cabinet-level council dealing with natural resources and the environment. EPA does not hold membership on the council. Fortunately for the environment, and probably for EPA as well, Secretary Watt has generated enough problems to keep him busy at Interior. The White House is reported to be reviewing his policy decisions and, generally, to have reduced his latitude. The White House has let it be known that the President's view, and those of some key White House aides in the resources area, are not necessarily the same as Jim Watt's.

In closing; perhaps there could be some good news, too. Deputy EPA Administrator John Hernandez -- an engineer, a respected academic, and strong advocate of good science and engineering could very well be in a pivotal spot with respect to the nation's environment. Dr. Hernandez spoke on several topics to National Journal. A couple are of interest here. He expressed great concern that "...areas of personal choice... of ordinary Americans... have become dominated by agency (EPA) decisions, too many of which were not based on solid science..." The degree of domination, and whether it is or is not too much, is an individual judgment for each of us, but the emphasis on solid science is something we can all support enthusiastically. EPA has supported a lot of good scientific research. There are certainly opportunities to improve EPA's research program, to assure that it produces "solid science..." and to make better use of this good science in EPA's policy making and regulations. Dr. Hernandez also said, in reference to some EPA R and D efforts that would
be cut back: "If a project has merit, the work will go on — but industry should do it."
We are all likely in close agreement that the private sector must assume a much more prominent role in the support of environmental R and D, including support of research at universities. But it must complement a sound, healthy, independent federal research program, not become a substitute.

Thanks to Jim Watt, environmental quality and natural resources management issues have remained prominently before the citizens of America. Numerous polls and surveys since the 1980 election and "mandate to get the federal government off people’s backs and cut the federal budget" confirm the public’s continuing concern about environmental degradation and health hazards, and their desire to see these tough problems dealt with in a meaningful manner and not put on the back burner and allowed to grow worse. Changes are certainly in order in the R and D area. Priorities can be reviewed and better focused; cost-effectiveness can be further improved; better use can be made of the products of "solid science" supported by EPA, other agencies, and industry. In order to have good science on which to base equally good policy, though, there has to be as much effort devoted to assuring that good research can and will be supported as is devoted to budget cutting.

Ben Dursart

BY-LAWS REVISION

These proposed revisions of the By-Laws have been approved by the Board and will be voted upon by the membership at our meeting in Detroit October 5, 1981. The purpose of these revisions is to implement the new office of Past-President. This change will promote more continuity in the affairs of the Association.

5.02 Officers. The officers of the Association shall be the President, the Vice-President, the Secretary-Treasurer and the Past-President. All officers shall first be duly elected Directors except the Past-President who shall be an officer by virtue of previous office and may serve an additional year beyond his elected term.

6.01 The Board of Directors shall consist of nine duly elected Directors, including the President, Vice-President, and the Secretary-Treasurer as prescribed in Article VII, plus the Past-President who shall serve as an ex-officio voting member if serving beyond his elected term.

6.03 Terms of Office. Each Director shall be expected to serve for three years and may be re-elected for a second three-year term. No Director shall serve more than six years except for terms served as Past-President beyond elected terms.

7.01 Designation. The officers of the Association shall consist of a President, Vice-President, Secretary-Treasurer, and a Past-President.

7.02 Election. The officers of the Association shall be elected annually by the then serving and the Director-elect Board from among the Directors to serve during the term of office of the Officer being elected, under such procedures as the Board may determine. EXCEPT THAT THE OFFICE OF PAST-PRESIDENT

SHALL BE FILLED BY THE OUTGOING PRESIDENT, WITHOUT ELECTION. Vacancies arising from death or resignation shall be filled in a similar fashion. EXCEPT THAT THE OFFICE OF PAST-PRESIDENT, IF VACATED, SHALL BE FILLED THROUGH APPOINTMENT BY THE PRESIDENT OR AN INDIVIDUAL WHO HAS PREVIOUSLY SERVED AS PRESIDENT.

7.03 Terms of Office. The Officers shall be limited to two one-year terms in each office, with only one term in each office per elected term on the Board.

7.06 Duties of the Past-President. The Past-President shall assist the President in the performance of his duties; carry out special assignments from the President; and generally provide greater continuity to deliberations of the President and the Board.

9.02 Nominating Committee. There shall be a Nominating Committee consisting of three members plus the Past-President, and at least two of the members shall not be active Directors. The Past-President shall serve as Chairman. The Nominating Committee shall report at the Annual Meeting of the full membership and shall nominate at least six members for the vacancies on the Board. No person shall be nominated from an institution which already has a member who will serve concurrently with the nominee, and there shall be no more than one nominee from any school.

NEW NEWSLETTER EDITOR

Effective immediately Dr. Neil M. Rara will assume the duties of NEWSLETTER EDITOR. Items of interest for future editions should be sent to:

Dr. Neil M. Rama
Department of Civil Engineering
University of Massachusetts
Amherst, Massachusetts 01003

RESEARCH CONTACT

Dr. Jan R. Dajdlo is looking for US cooperation on research related to the following topics:

- Effects of Impoundments on Water Quality
- Self-purification of Rivers
- Thermal Pollution
- Non-point Source Pollution
- Water Quality Modeling
- Methods of Water and Waste Analysis
- Biodegradation of Organic Pollutants

If you would like to correspond with Jan his address is:

Dr. Jan R. Dajdlo
Assistant Professor
Institute of Meteorology
and Water Management
Kolektorska 4
01-692 Warsaw
Poland
Proceedings have just been published of a conference designed to give environmental consultants and consulting engineers information on the environmental practices required by development funding agencies and their clients. World Bank officials told how the Bank selects and evaluates the consultants it uses on overseas projects. The U.S. Agency for International Development’s top environmental officer discussed AID’s assessment procedures. And the environmental officers of top European, American, and Latin American firms gave examples—case studies—of how their projects have succeeded—and failed.

Three topics were among many discussed at the first-ever conference on the "Environmental Practices of Consulting Firms Working on International Development Projects." Held March 24-25, 1981, in New York City, the conference was sponsored by the World Environment Center, the non-profit information and education service of the United Nations Association of the U.S.A. in cooperation with the World Bank and the United States Agency for International Development.

One participant wrote: "I want to say again how worthwhile I found the March 24-25 Conference. No other conference ... has been more interesting to me, or more valuable as a source of first-hand information about environmental experience and the lessons learned with large projects in developing countries."

The proceedings include:

- Environmental requirements of the World Bank
- Consultants and World Bank contracts
- USAID and UN Environment Program on environmental assessment
- Case studies of major development projects
- Environmental problems of industrial development
- Environmental management trends
- The influence of staffing on environmental assessment
- The borrower's experience and point of view
- Sources of international environmental information

Speakers included Dr. James A. Zelnick, Director of the World Bank's Office of Environmental Affairs; Arnold Josef Gabaldon, former Minister of Environment and Natural Resources, Venezuela; Albert C. Prinz, Jr., USAID's Environmental Affairs Coordinator; and Wilson V. Binger, partner and Chairman of Tippetts-Abbett-McCarthy-Stratton, now President of the International Federation of Consulting Engineers (IFIDC).

The proceedings are comprised of: 16 papers with abstracts, biographies of the speakers, summaries of discussions, and a list of participants. The 298-page softcover book can be ordered for $65 plus $5 for overseas postage from the World Environment Center, Dept. P1, 300 East 42nd Street, New York, N.Y. 10017, U.S.A., or by calling 212/697-3232.

OPPORTUNITIES ABOUND FOR TEACHERS

Academic Year 1982-83

Opportunities to teach abroad and to attend seminars abroad are available under the Fulbright Teacher Exchanges program of the U.S. Department of Education for the 1982-83 year. Elementary and secondary school teachers, college instructors and assistant professors are eligible to participate in the academic year abroad teacher exchange program. Exchanges are currently conducted with the United Kingdom, Germany, France, Sweden, Denmark, Canada, and New Zealand. Basic requirements are U.S. citizenship, a bachelor's degree, and three years of teaching experience for one-year positions. As most of the positions are on an interchange basis, applicants must be employed currently.

As for the 1982 seminars, those eligible to apply include college instructors and assistant professors eligible to participate in the academic year abroad teacher exchange program. Exchanges are currently conducted with the United Kingdom, Germany, France, Sweden, Denmark, Canada, and New Zealand. Basic requirements are U.S. citizenship, a bachelor's degree, and three years of teaching experience for one-year positions. As most of the positions are on an interchange basis, applicants must be employed currently.

A brochure and application should be requested in August from:

Teacher Exchange Branch
Office of International Education
U.S. Department of Education
R01-3 Room 3068
Washington, D.C. 20020
Telephone: (202) 245-9700

NSF

Edward H. Bryan was recently appointed to the position of Program Director for Water Resources and Environmental Engineering in the Division of Civil and Environmental Engineering in the National Science Foundation's new Directorate for Engineering. In his prior assignment, he was responsible for management of the Foundation's program in Appropriate Technology in the Division of International Science and Public Technology.

Dr. Bryan has been with the National Science Foundation since December of 1972 as Program Manager in the Divisions of Environmental Systems and Resources, Systems Integration and Analysis, Advanced Environmental Research and Technology and Problem-Focused Research Applications. In 1979, he received the Foundation's award for Superior Accomplishments, for his leadership and foresight in program management.

Dr. Bryan joined the National Science Foundation from a position as Director of Technical Marketing for the Ecology Division of Rexnord, Inc. in Milwaukee, Wisconsin. His industrial background and experience includes assignments in research, product development, market research, technical service and development with the Dow
WELCOME TO NEW AEEP MEMBERS

Donald D. Adrian
Dept. of Civil Engineering
Univ. of Massachusetts
Amherst, MA 01003
(413) 545-0685

Martin T. Auer
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Michigan Technological University
Houghton, MI 49931
(906) 487-2799

Peter M. Huck
Dept. of Systems Engineering
University of Regina
Regina
Saskatchewan S4S 0A2
Canada
(306) 964-4583

Byung R. Kim
School of Civil Engineering
Georgia Institute of Technology
Atlanta, GA 30332
(404) 894-2265

Richard R. Noss
Dept. of Civil Engineering
Univ. of Massachusetts
Amherst, MA 01072
(413) 545-0685

H. David Stensel
Dept. of Civil Engineering
University of Utah
Salt Lake City, Utah 84112
(801) 581-6813

Robert L. Street
Dept. of Civil Engineering
Stanford University
Stanford, CA 94305
(415) 497-4969

REGISTER OF PROGRAMS

The 1981 edition of the Register of Environmental Engineering Graduate Programs is now available from Ann Arbor Science Publishers. The regular retail price is $49.95, however all AEEP members (except affiliate members) should receive a free copy. If you have not received your copy as of this date please contact:

Dr. Donald T. Lauria
Dept. of Environmental Engineering and Science
University of North Carolina
Chapel Hill, North Carolina 27514
(919) 929-1161

We are all certainly indebted to Aarne Vesilind and Roger Mear for their work in making this edition of the Register possible.

AEEP RESEARCH AWARDS

AEEP annually gives three awards for excellence in research. These are:

1. NALCO Chemical Award - $2,500 - For the best doctoral thesis on chemical research in the area of water and wastewater treatment.

2. NALCO Chemical Award - $2,500 - For the best doctoral thesis on chemical research in the area of Industrial (or combined) water and wastewater treatment.

3. Engineering Science, Inc. Award - $2,000 - For the best doctoral thesis relevant to environmental engineering practice.

Further information pertaining to these awards will appear in the next issue of the NEWSLETTER.

NEW EMERITUS MEMBERS

Bob Sanks and Gerry Rohlick were elected to emeritus membership at the Purdue meeting. Bob was nominated by Jon Liefeld and Bruce Hanes and Gerry was nominated by Dick Speltie. It is a distinct pleasure to welcome these men to a growing list of distinguished emeritus members.

If you know of others who are deserving of emeritus membership you are encouraged to nominate them. The procedure involves the submission of a brief summary of the contributions to the profession and to AEEP (this must come from a current AEEP member) and an indication of continuing interest and activity on the part of the individual nominated.

If you wish to make a nomination contact:

Dr. Donald T. Lauria
Dept. of Environmental Engineering and Science
University of North Carolina
Chapel Hill, North Carolina 27514
(919) 929-1161
CALL FOR PAPERS

ASCE


The conference is aimed at an exchange of information between technical specialists, public interest groups, and those who have legislative or public policy responsibilities in the field of energy development and associated water resources issues. Separate conferences in the East and the West will allow for regional differences in political, legal, institutional, hydrologic, and environmental characteristics.

Papers are invited that address technical and policy issues such as:

- Water Requirements and Availability for Energy Development
- Ground and Surface Water Quality
- Hydrologic Impacts
- Water Transportation of Coal
- Coal Slurry Pipelines
- Water Conservation and Reuse
- Regulatory Policies
- Waste Management
- Synfuels
- Hydropower
- Cumulative Impacts
- Research and Development: Progress and Needs
- Public Involvement in Resource Planning
- Water Resource Allocation: Legal, Economic, and Political Considerations

Abstracts (200 to 400 words) should be sent by Oct. 1, 1981 to:
For Eastern Conference
Fritz Clarke
U.S. Geological Survey
National Center, Mail Stop 414
Reston, Virginia 22092
(703) 860-6848

For Western Conference
Don Matchett
Stone & Webster Engineering Corp.
P.O. Box 5406
Denver, Colorado 80217
(303) 770-7700 Ext. 2244

Papers selected for inclusion in the program may be presented as part of a technical session or may be used as resource material in workshops or discussion groups.

MID-ATLANTIC

The 14th Mid-Atlantic Industrial Waste Conference will be held at the University of Maryland, College Park, July 27-29, 1982. Papers are invited on all aspects of industrial environmental engineering. Send ten (10) copies of a 500-1000 word abstract by November 20, 1981 to Dr. James E. Alleman, Department of Civil Engineering, University of Maryland, College Park, Maryland 20742.

AICHE

The Annual AICHe Meeting, to be held in Cleveland during August 1982, will carry a session entitled, "Automated Control and Monitoring of Industrial Water and Wastewater Treatment Systems." Prospective speakers are invited to submit a 200-400 word abstract by 20 November 1981 to: Dr. James E. Alleman, Department of Civil Engineering, University of Maryland, College Park, Maryland 20742.

AICHe

The AICHe Summer National Meeting will be held in Cleveland, August 29-September 1, 1982 and will have 14 sessions on industrial water and wastewater treatment. If you are interested in presenting a paper for the "Activated Carbon Systems for Industrial Waste Treatment" session, send a brief abstract to:

Wayne B. Arbusokus,
Environmental Engineering
University of Florida
Gainesville, FL 32611

by November 20, 1981.

MEETINGS OF INTEREST

IAWPR

The Advance Program and Invitation to Register for the 11th Conference of the International Association on Water Pollution Research to be held in Cape Town, Republic of South Africa, during March 29-April 2, 1983 now is available. Planned are: three parallel technical sessions, original research papers, poster presentations, technical excursions, full social program, accompanying persons program, pre and post conference tours, and four post conference seminars. Contact: The Secretary-Treasurer, IAWPR, Alliance House, 29/30 High Holborn, London WC1V 6BA, England.
HAZARDOUS WASTES SYMPOSIUM

This symposium has been developed by Dr. Frederick G. Pohland of Civil Engineering at Georgia Institute of Technology with training grant support from the U.S. Environmental Protection Agency. The symposium will place major emphasis on the technical aspects of hazardous waste management including the impact of current regulatory issues and their implementation. Formal presentations will be made by individuals actively engaged in hazardous waste management within both the public and private sectors.

SYMPOSIUM OBJECTIVES

This symposium is intended to:
- Identify issues and problems related to hazardous waste management;
- Serve as a forum for information exchange on the technology of hazardous waste management; and
- Make available sources of information on hazardous waste management.

WHO SHOULD ATTEND?

This symposium has been specifically designed for individuals seeking a foundation in current regulatory, managerial, and operational aspects of hazardous waste analysis and control. Commercial, industrial, and municipal personnel who have some responsibility for implementation of hazardous waste programs or providing supporting services will find it to be particularly advantageous. Since it is planned to present the symposium within a classroom-type setting, registration will be limited to a relatively small group. Therefore, early registration is recommended.

REGISTRATION

The symposium fee is $35.00 and includes instructional materials and refreshments. Additional printed materials and other resource documents will be made available to augment many of the presentations. For more information contact:
Department of Continuing Education
Georgia Institute of Technology
Atlanta, GA 30332
Telephone (404) 894-2409

I A WPR

An International Seminar on Anaerobic Treatment of Wastewater in Fixed Film Reactors sponsored by the International Association on Water Pollution Research will be held June 14-18, 1982 in Copenhagen, Denmark. Active researchers can apply before November 1, 1981 to participate with fee accommodations and registration. Application deadline is January 1, 1981.

A new approach to hazardous waste treatment involves the use of biological processes to break down hazardous wastes. The symposium will cover the following topics:
- Hazardous waste treatment and management
- Environmental protection
- Hazardous waste management
- Regulatory issues
- Public participation

A complete program and additional information may be obtained from Mr. Donna Smith at National Graduate University, 1101 North Highland Street, Arlington, Virginia 22201, or 703/527-4800.
Application for Membership
in the
ASSOCIATION OF ENVIRONMENTAL ENGINEERING PROFESSORS

NAME ________________________________

OFFICIAL TITLE ________________________ DEPARTMENT ________________________

BUSINESS ADDRESS ____________________________ TEL. ________________________

HOME ADDRESS ____________________________ TEL. ________________________

Applying for: Membership Status [ ] (indicate rank), Affiliate Status [ ]

PLEASE ATTACH RESUME

Dues are payable in the Association on a calendar year basis. The AEEP annual dues payment, prorated according to the date of application, is shown below:

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Please return this form, along with your dues to:

Dr. C. P. Leslie Grady, Jr.
School of Civil Engineering
Purdue University
W. Lafayette, IN 47907

Enclosed are my AEEP dues in the amount of: $______________________

__________________________  _________________________
Signature                  Date
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