PRESIDENT'S CORNER

Before I built a wall I'd ask to know What I was walling in or walling out— From Mending Wall Robert Frost

AEEP's main goals are to strengthen and advance the field of Environmental Engineering through cooperation among members of the academic profession. In the last twenty years our membership has grown from 20 professors to over 200. In my estimation, we have done an excellent job in advancing certain areas of Environmental Engineering — water quality, water treatment, and wastewater treatment. For those who represent these areas, including myself, I have taken the liberty of labeling us "aquaphiles." It is time for the Association to expand the scope of our activities and our membership.

Let me begin by reviewing AEEP's activities and services:

- Newsletter
- AEEP Directory
- Purdue Workshop
- NWAA Seminar
- AEEP Manuals
- NACE Award
- Engineering Science Award
- Register of Graduate Programs
- Annual Listings of Theses/Dissertations
- Annual Enrollment Survey
- Education Conferences
- Research Needs Conferences
- JAWPRC
- Sponsoring organization of AAEPE

Many of these are routine services such as the Newsletter, Directory, etc., but other activities are designed to advance Environmental Engineering. We are concerned about the funding and quality of research. Last year Fran DiGiano testified before a Senate sub-committee about the need for extramural research at EPA. This year the Association was involved in a letter writing campaign designed to inform key members of Congress about the need to continue EPA's exploratory research program. If you have not involved by now, you will be receiving shortly the Proceedings of the AEEP/NSF Research Needs Conference. We are concerned about the state and quality of environmental engineering education. Many of you attended the 1980 conference in Toronto. Planning has begun for our next education conference in 1986 or 1987.

As I stated earlier, we do an excellent job of what we take on. We have done this, I might add, over the last twenty years without ever raising members' dues. The problem is that most, if not all, of our activities and concerns focus on the aqueous environment. Perhaps this is justified since our membership is predominately our current Board is exclusively "aquaphiles."

I see this as a problem because Environmental Engineering is concerned with more than just the aqueous environment. Our own Bylaws state: "The objectives of the Association shall be: To strengthen and advance the fields of sanitary engineering, water and air resource, environmental health engineering, and related fields."

Our effectiveness, certainly our credibility, as an organization representing environmental engineering and education is limited as long as we continue to keep this wall around our scope. We should reflect on Robert Frost's advice, and attempt to open and expand our membership and activities to include all of Environmental Engineering.

James K. Edzwald
President

AEEP NEWS AND ANNOUNCEMENTS

Board of Directors Election

The Nominating Committee will propose a slate of six nominees to the Board of Directors at the October meeting. The membership is invited to send the names of suggested nominees to Fran DiGiano, Chairman of the Nominating Committee by September 20.

Fran DiGiano
Dept. of Envr. Sci. & Engr.
School of Public Health 210H
University of North Carolina
Chapel Hill, NC 27514

Outstanding Publication Award Winners

Werner Stumm and James J. Morgan are the first winners of AEEP's Outstanding Publication Award. Werner and Jim won the award for their paper, "Chemical Aspects of C dodgeation," which appeared in the Journal of the American Water Works Association in 1962. Werner and Jim will be recognized for the award at AEEP's Luncheon Meeting on October 3, at the Water Pollution Control Federation Conference in Atlanta.
Awards Committee
Pay Letterman is the new chairman of AEEP's Awards Committee. The Awards Committee administers the following awards: the Outstanding Publication Award, the Engineering Science, Inc./AEEP Award for the Best Doctoral Thesis, and the National Chemical/AEEP Awards for Best Doctoral Theses. If you're interested in serving on the Awards Committee, write to Ray.
Raymond D. Letterman
Dept of Civil Engineering
Syracuse University
Syracuse, NY 13210

AEEP Luncheon Meeting
The members' luncheon in conjunction with the annual Water Pollution Control Federation Conference is scheduled for Monday, October 3, 1983, at noon. The luncheon will be in the Jarrett room of the Omni International Hotel (tentative) which is adjacent to the World Congress Center where the technical sessions and exposition will be housed. A letter will be sent to all AEEP members in September confirming these arrangements and supplying additional details.

AEEP Distinguished Lecturer
Professor Perry L. McCarty, Silas H. Palmer Professor and Chairman of the Department of Civil Engineering at Stanford University, is this year's AEEP Distinguished Lecturer. Dr. McCarty will be offering three titles during his lecture series:
1. Movement and fate of organic contaminants in groundwater
2. Biofilm processes for trace contaminant control, and

These lectures will be offered between the following dates: January 30-February 4; February 14-18; and February 28-March 4, 1984. Applications for the lecture series will be mailed to all AEEP members in the very near future.

New AEEP Newsletter Editor Named
Effective immediately, Dr. Richard R. Nobi joins Dr. Neil M. Ram as co-editor of the AEEP Newsletter. Dr. Nobi replaces Dr. Michael S. Switzerbaum who will be taking on the added duties of Acting Coordinator of the Environmental Engineering Program at the University of Massachusetts. AEEP thanks Dr. Switzerbaum for his dedicated service.

New AEEP Newsletter Publications Schedule
The Board of Directors decided at the last Board meeting to revise the Newsletter Publication Schedule to provide better timing for articles related to the Water Pollution Control Federation, American Waterworks Association, and Purdue Industrial Waste Conferences. The Newsletter will now be published in September, December, and March. The March Newsletter will be mailed to the extended mailing list. Since the Newsletter is published three times yearly and this is the third issue published in 1983, there will be no December issue. The next issue of the Newsletter will be March 1984.

Deadline for the March 1984 AEEP Newsletter
Anyone interested in submitting articles for the March 1984 issue of the AEEP Newsletter should do so no later than January 1, 1984. Articles should be mailed directly to the editors.

AEEP Members Honored
Dr. Benjamin Dysart, III, McQueen Quattlebaum, Professor of Environmental Engineering Systems at Clemson University, has been elected President of the National Wildlife Federation. Dr. Dysart is a former president of AEEP.

Dr. Raymond C. Loehr, the Liberty Hyde Bailey Professor of Agricultural Engineering at Cornell University, and Dr. John L. Cleasby of the Department of Civil Engineering at Iowa State University, have been elected to the National Academy of Engineering. Election to the Academy is the highest professional distinction that can be conferred on an engineer, and honors those who have made significant contributions to engineering theory and practice, or who have demonstrated unusual accomplishments in new and developing fields of technology. A total of 49 U.S. engineers were so honored this year. Dr. Loehr is a former president of AEEP. AEEP congratulates Dr. Loehr and Dr. Cleasby for this honor.

Dr. John L. Cleasby of the Department of Civil Engineering at Iowa State University was selected by the Environmental Engineering Division of ASCE to give the Simon W. Freese Lecture at the National Conference on Environmental Engineering at Boulder, Colorado, on July 5, 1983.

Dr. Ronald D. Neufeld, Professor of Civil Engineering at the University of Pittsburgh, has been awarded a Senior Fullbright Lecturing Award. He will be teaching at the Hebrew University "Casali Institute of Applied Chemistry," and will also be doing research in the wastewater and solv/hazardous waste area associated with the Jarrett Oil Shale pilot plant.

For the time period September 1983 through June 1984, the University of Jerusalem "The Hebrew University of Jerusalem", and "The Hebrew Institute of Applied Chemistry", and "Israel Institute of Applied Chemistry" can be reached.

Dr. Neil M. Ram
Associate Editor

Dr. Brian M. Gordon
Assistant Editor
Update on AEEP Software Committee Activities

The results of the Software Committee's survey have demonstrated that there is tremendous support for a software manual and a great deal of software available. We received over 70 responses to our mailing. Almost all of those responding would be willing to test the software. Twelve individuals have supplied detailed descriptions of their programs. In addition, 19 individuals have expressed an interest in providing contributions depending on the Committee's needs. Complete descriptions of 36 computer programs have been received and an additional 43 programs have been offered. The Committee is currently seeking external support to put on a Workshop, systematically test the software which has been received, and assemble the documentation in a manual. The Committee will be meeting at the 1983 WPCC conference in Atlanta and any interested individuals can attend. The mailing time and place will be announced in the program. The Committee would like to thank the AEEP membership for their response to the questionnaire. If anyone is interested in receiving additional information, you may contact:

John C. Crittenden Committee Chairman Dept. of Civil Engineering Michigan Technological University Houghton, MI 49931

General News

National Association for Environmental Education 1983 Conference

The NAEE 1983 conference will be held September 30-October 5, 1983, in the Hoyt Conference Center, Eastern Michigan University, Ypsilanti, Michigan. The NAEE is a professional association established to assist and support the work of individuals and groups engaged in environmental education, research, and service. For more information, contact:

NAEE P.O. Box 400 Troy, Ohio 45373 Phone: (513) 688-8493

Views of the Members

Would you like to express an opinion? Jog our consciences? Incite a controversy? Publicly command someone? Or just see your name in print? Write your thoughts down and send them to the editors. We are holding this space for Views of the Members as suggested by AEEP President, James K. Edzwald in his February 1983 message.

AEEP was sorry to learn of the death of John J. McCrory of the University of Florida in Gainesville. AEEP extends its condolences to his family and friends.

Short Course Announcements

Brazilian Association of Sanitary and Environmental Engineering Conference

The Twelfth Congress of the Brazilian Association of Sanitary and Environmental Engineers will be held at Balnearo Camboriu, Santa Catarina State (Brazil), November 20-25, 1983. For more information, contact:

Paulo Cezar Pinto Executive Superintendent ABES Av. Presidente Wilson, 164 V Florianopolis 88000 Rio de Janeiro BRAZIL

WELCOME TO NEW AEEP Members

Dr. Richard L. Valentine Civil & Engr. Engr. University of Iowa Room 2132 Eng. Building Iowa City, IA 52242 (319) 353-4441

Dr. Alan R. Bowes Civil & Engr, Engr. Vanderbilt University P.O. Box 10 Station B Nashville, TN 37235 (615) 322-2697

Dr. James J. Morgan Engr. Engr. Science California Institute of Technology Pasadena, CA 91125 (310) 587-4391

Dr. Bruce A. Bell Civil, Mechanical & Engr. Eng. George Washington University SEAS Washington, DC 20052 (202) 676-7446

Dr. Joseph J. Defino Engr. Engr. Sciences University of Florida A.P. Black Hall Gainesville, FL 32611 (904) 392-0843

Dr. Charles R. Bryant, Jr. Civil, Engr. Engr. Mechanics University of Arizona Tucson, AZ 85712

Dr. Mustapha Pirbazzar Civil & Engr. Engr. University of Southern California 213K, BHE, University Park Los Angeles, CA 90089 (213) 743-7973

General News

The NAEE 1983 conference will be held September 30-October 5, 1983, in the Hoyt Conference Center, Eastern Michigan University, Ypsilanti, Michigan. The NAEE is a professional association established to assist and support the work of individuals and groups engaged in environmental education, research, and service. For more information, contact:

NAEE P.O. Box 400 Troy, Ohio 45373 Phone: (513) 688-8493
CALL FOR PAPERS

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

The American Institute of Chemical Engineers requests papers for a session entitled "Application of Electro-Chemical Technology to Waste Treatment" to be held in the Summer 1984 National Meeting in Philadelphia, Pennsylvania. Papers are requested that illustrate the utility of electro-chemical techniques to waste treatment. Presentations on both direct electrochemical methods (e.g., cathodic deposition of metal ions) or indirect methods (e.g., oxidation of pollutants by electro-chemically generated oxidants) as well as electrolyslic membrane processes are sought. Theoretical and experimental studies are invited. Tapes with a 60-word abstract are due by November 16, 1983.

Professor Peter S. Fedkiw
Dept. of Chemical Engineering
North Carolina State University
Raleigh, NC 27695
Phone: (919) 737-3572

ACADEMIC MARKETPLACE

SCHOOL: Stanford University
POSITION: Tenure-track, Assistant Professor in Civil Engineering (Fluid Mechanics)
QUALIFICATIONS: Ph.D. with training and/or experience in experimental, theoretical, analytical, and numerical fluid mechanics with particular strength in one of these areas.
RESPONSIBILITIES: Teaching of undergraduate and graduate courses in fluid mechanics and development of and participation in independent and team research particularly as it interfaces with problems in environmental engineering and soil mechanics.
APPLICATION DEADLINE: November 20, 1983.
CONTACT: Prof. Joseph B. Franzini, Dept. of Civil Engineering, Stanford University, Stanford, CA 94305

AEEP PUBLICATIONS

The publications listed below are available from AEEP. Prepayment must accompany all orders. Please forward a check or money order made payable to AEEP Inc.

Association of Environmental Engineering Professors
Alton Dr. Desmond F. Lawler
Dept. of Civil Engineering, EIJ, U.B.
The Univ. of Texas at Austin
Austin, TX 78705

Videotapes of the 1982 Distinguished Lecturer (Dr. Charles R. O'Melia) are also available. Contact D.F. Lawler for more information.

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*Available to AEEP members for $8.00 per copy. **Paid to AAP members. Members of AAP may order additional copies of these publications at member's rate for their students.

Total: $35.00

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