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Water Resources Center

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NEWSLETTER



ASSOCIATION OF ENVIRONMENTAL ENGINEERING PROFESSORS

APRIL, 1973

VOLUME 8, NUMBER 3

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EDITORS' NOTES

The coming of Spring brings welcome relief from the snow and frost of a relatively mild winter. It also leaves fond memories of the NIT and, for environmental engineers, signals the soon coming of the annual conclave at the Purdue Industrial Waste Conference. In making plans to attend, don't forget the AEEP activities as noted in this issue of the NEWSLETTER.

All non-members of AEEP should note that this is their last chance to respond if they wish to continue to receive the NEWSLETTER. Your attention is directed to the last page of this issue.

FROM THE PRESIDENT'S DESK

Elsewhere in this Newsletter is a listing of current AEEP committees, along with an indication of their charges. Members have received a more complete listing of the AEEP committee structure. A survey of the committee listing will give some idea of the many diverse, current activities of the Association.

One of the committees will be "doing its thing" at the upcoming Purdue Industrial Waste Conference. The Seminar Committee, chaired by Prof. Harry Jebins, will present a seminar on "Undergraduate Environmental Engineering Education - The Required Course" at 8:00 a.m. on Tuesday, May 1, in Room 320, Stewart Center, Purdue.

Another active committee has just "done its thing" by producing this Newsletter. The co-editors, Paul King and Cliff Randall, are overworked and underappreciated in their efforts to meet publication deadlines. Whereas their Newsletter Committee represents a staff of "reporters," all members are encouraged to submit items of interest. The deadline for the next quarterly issue is June 25.

Several of the committees are involved in development of the Third National Conference on Environmental Engineering Education. The Education Committee is active in that effort, and the Undergraduate Education Committee, the Continuing Education Committee, and the Manpower Committee all are involved. That conference is to be held at Drexel University in Philadelphia on August 13, 14 and 15, 1973. Please mark your calendars.

Other active committees in these trying times are the Legislative Analysis Committee and the Training Support Committee. Their recent activities have included development of AEEP's comments (which members have received) on EPA's proposed regulations on training support and recent testimony by Prof. Wes Pipes on behalf of AEEP before the Agriculture-Environmental and Consumer Protection Subcommittee of the House Appropriations Committee.

A more complete discussion of some of the current activities of AEEP will be presented at the meeting of AEEP members at the time of the Purdue Conference. That meeting is at 8:00 p.m., Tuesday, May 1, in Room 214 of the Stewart Center. I hope to see you there.

Richard I. Dick

AEEP ACTIVITIES AT PURDUE CONFERENCESeminar On Undergraduate Instruction**Undergraduate Environmental Engineering Education - The Required Course**

Time: 8-9:00 a.m.

Date: May 1, 1973

Place: Room 320, Stewart Center

A description of the required Civil Engineering course in environmental engineering as offered by the following universities will be presented:

Kansas State University - Dr. Douglas Wallace

Michigan Technological University - Dr. C. Robert Baillo

University of Pittsburgh - Dr. Dennis W. Weeter

Informal discussion will follow the presentation. All interested persons are invited to attend and participate in the seminar.

AEEP Open Meeting**Discussion of Current and Future AEEP Activities**

Time: 8:00 p.m.

Date: May 1, 1973

Place: Room 214, Stewart Center

AEEP NEW MEMBERS

Dr. John T. Novak
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University of Missouri
Columbia, Missouri 65201

Dr. Robert W. Seabloom
Associate Professor
Dept. of Civil Engineering
201 More Hall
University of Washington
Seattle, Washington 98195

Professor Wesley P. James
Civil Engineering Department
Texas A & M University
College Station, Texas 77843

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Department of Civil Engineering
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Montana State University
Bozeman, Montana 59715

Prof. Raymond D. Letterman
Department of Environmental Engineering
Illinois Institute of Technology
Evanston, Illinois 60616

REPORT ON THE EIGHTH ANNUAL WORKSHOP by Thomas M. Keinath

The Eighth Annual Workshop of the Association of Environmental Engineering Professors was held from December 18-22, 1972, as part of a 4-day cruise trip to Freeport and Nassau. The theme for the conference was "Mathematical Modeling in Environmental Engineering" with special emphasis placed on the use of existing models as teaching aids and learning tools in the classroom. Other objectives of the workshop were to establish the current status of models and to identify those models that can be used for real-world design and operation. Bob Thomann's keynote paper set the trend for the excellent series of presentations encompassing all phases of process and natural system modeling.

If attendance may be used as a yardstick of success the Workshop was eminently successful. A total of 54 participants registered and, in addition to the registrants, wives and children raised the total attendance to more than 140 persons. This family participation provided the wives with the opportunity for pleasant social contacts with other environmental engineers and their wives.

Attendance at the technical sessions was surprisingly good in light of the temptations which existed ashore. It was not all work and no play, however, as shore excursions provided the opportunity for almost everyone to lose money at the casino, for John Austin to have his beard singed at the Drumbeat, and for "Montana" Bob Sanks to try his hand at fire eating.

The technical sessions didn't escape a few light moments either as Jon Liebman warmly honored "Colorado" Walt Weers with a tribute and a diploma on graduation day as Steve Graef hastily awoke Walt in the back row to receive them. John Andrews, after flying into Nassau, was aptly introduced by Fred Pohland as having "finally ascended to the prominence of blowing in, blowing off, and blowing out." As usual there were some problems with the slide projector operation, but fortunately each slide that misfired "was not really important anyway." With regard to attendance, how many people were present at the Wednesday afternoon session when free champagne and cavier were served at the coffee break?

Another measure of the success of the conference might be the pleasant memories shared by those who were there. By this standard the Eighth Annual Workshop also ranks high for who could forget the excellent food and service of the M/S Sunward. In retrospect the "spacious" cabins will always provide a smile when participants gather in the future. Recall Ben Dysart with his head canted at a forty-five degree angle so as to clear the overhead, or Ray Canale somewhat green around the gills the first night out of port? Perhaps it is unfair to cite Ray alone since the queasy members of the party were probably in the majority during that memorable first night. Although the rough seas sharply curtailed attendance at the first night's dinner, they probably produced an all-time record for the midnight buffet.

Social activities on board ship were plentiful and memorable as Jon Liebman's son cracked the bingo jackpot winning both cash and champagne. Don Aulenback surprised everyone with his adeptness at ballon stuffing, while Bill Kornegay ripped off a stunning performance on the limbo floor.

How many times did your wife make it through the straw market without being coerced into a purchase?

Success of a conference can be gauged by attendance statistics, good times and happy memories, but the true measure of success lies in the application of knowledge gained to the classroom situation. Each speaker presented excellent examples of the value of modeling and simulation as a teaching tool. Guidelines and computer programs which they provided should permit the use of these tools on a widespread basis throughout the profession. As modeling and simulation are tried in various schools, an interchange of ideas and experiences should be encouraged. It will be through such interchanges that the true value of the workshop in advancing environmental engineering education will be evaluated.

THANK YOU, BOB SNIDER

A familiar voice in EPA operations is retiring from Federal service. Robert G. Snider will be moving from Washington to Tucson, Arizona, where he will become a Visiting Scholar in the Graduate School of the University of Arizona. His new address is 4819 N. Via Entrada, Tucson, Arizona.

The AEEP Board of Directors passed the following resolution on the occasion of Bob Snider's retirement:

WHEREAS Robert G. Snider served as Chief of the Academic Training Branch, Manpower Development Staff, Office of Water Programs, Environmental Protection Agency; and

WHEREAS he served in similar capacities with the EPA's predecessor organizations; and

WHEREAS he executed his duties with compassion and with concern for the quality of graduate education in sanitary and environmental engineering; and

WHEREAS Robert G. Snider is retiring from federal service on April 14, 1973: Therefore be it

RESOLVED, That the Board of Directors of the Association of Environmental Engineering Professors, on behalf of the members of the Association, express appreciation to Robert G. Snider for his outstanding service to the environmental engineering profession and wish him happiness in his retirement.

TENTH ANNIVERSARY OF THE INTERNATIONAL ASSOCIATION
ON WATER POLLUTION RESEARCH (IAWPR)

It was approximately ten years ago that the concept of the IAWPR first took shape at the First International Conference on Water Pollution Research in London.

The initial interest for the formation of this international organization of research workers in the water pollution field came from individuals from 15 nations: United States, United Kingdom, South Africa, Switzerland, Japan, Czechoslovakia, West Germany, France, Sweden, Israel, Venezuela, Italy, Spain, Belgium, and Holland. These individuals were convinced that common problems of water pollution called for the development of an effective mechanism for sharing research knowledge and experience. The logic of pooling such knowledge justified, in their opinion, a substantial investment in time and effort in the creation of a formal, non-governmental organization of professional workers in interested countries. This was the basic motivation for organizing the First International Conference on Water Pollution Research in London. Three years later, in June 1965, the Statutes of IAWPR were formally adopted in Harrogate, England. Currently 22 nations are represented on IAWPR's Governing Board:

Australia	Japan
Austria	Netherlands
Belgium	New Zealand
Canada	Norway
Czechoslovakia	South Africa
Denmark	Sweden
Germany	Switzerland
France	Thailand
Hungary	United Kingdom
India	United States of America
Israel	Venezuela

Several additional nations are preparing applications.

The primary goal of the IAWPR is to facilitate communication among scientists and engineers engaged in various fields of water pollution research. The focal activity of IAWPR remains the organization of biennial conferences on water pollution research. In 1970, the IAWPR undertook to organize or sponsor special conferences on water pollution research problems of important regional interest. Currently, the IAWPR is initiating programs for preparation of monographs on water pollution topics and for organization of special courses on subjects of regional interest in various parts of the world. The organization also publishes a journal, WATER RESEARCH, through Pergamon Press.

Biennial Conferences have been held as follows:

London-----1962
Tokyo-----1964