My year as president is about to conclude. It has been a most pleasant and memorable experience. Thank you for giving me the opportunity to serve you in this manner.

Let me extend my gratitude to my fellow Board members, the committee chairpersons, and all the committee members for their help and support. I also wish to thank all the members of AEEP for their dedicated service to our profession. AEEP is a strong and vital organization principly because of its dedicated members.

Each year certain of AEEP’s members serve the organization in an exemplary manner. This year, Dave Hendrick’s (Colorado State University) service in preparing a manuscript detailing AEEP’s 25 year history is especially noteworthy. Those of you who have received and read a copy of the history know of what I speak. Dave, I feel confident that all AEEP members join me in thanking you for your outstanding efforts.

Another AEEP member whose dedicated service is to be recognized is Greg Boardman (VP) who has served as editor of the AEEP Newsletter for a number of years, and is retiring with this issue. Greg has performed superbly in this capacity. Thanks for your efforts Greg. Anyone interested in replacing Greg at newsletter editor should contact either me or Bill Knacke (VP).

At its May meeting, the AEEP Board reached decisions on the next education conference. The conference scheduled for the Summer of 1994 will focus on “Environmental Engineering for the Year 2000.” Ken Williamson of Oregon State University will serve as the conference organizer and host. Please make plans now to attend this conference.

Ricardo Jaquex, AEEP’s first president, has completed the American Water Resources Association meeting in San Juan, Puerto Rico on 7-8 September. This meeting is sponsored by PAHO, WHO, ADES and AEEP for the purpose of exploring ways in which effective collaboration can be established with our counterparts in Latin America. I’ll inform you of the outcome of that meeting.

Early in June I wrote the directors of all the environmental engineering programs across the U.S. regarding the recommended practice for making graduate assistantship offers and the timing of acceptances. Because the response to my memo indicated that the recommended practice is not broadly known and since this is an important issue in the view of the AEEP Board, I will share this information with all AEEP members. For several decades the Council of Graduate Schools has encouraged all graduate programs at its member universities which includes virtually all AEEP member universities to give prospective students until April 15 to make decisions regarding acceptance of an offer. Also, students having accepted an offer and wishing to accept another offer April 15 are expected to obtain a written release from the first institution before accepting an alternate offer. Similarly, institutions making offers after April 15 are expected to require the prospective student to present a written release from any previously accepted offer. The Council of Graduate Schools formally adopted this long-standing recommended practice in a resolution more than two years ago. The AEEP Board considered this resolution at its May meeting, and unanimously endorser it. Out of a sense of fairness to prospective students, consequently, the Board encourages all AEEP member programs to support the spirit and intent of this resolution giving students an opportunity to thoroughly investigate all graduate school opportunities before being compelled to make a decision on an assistantship offer.

The U.S. Congress presently is considering a bill entitled the National Environmental Education Act (S.1076 & H.R.588). The primary objective of this bill is to provide for a program to train educational professionals in the development and delivery of envi-
ronmental education and training programs and studies. The ultimate goal is to bring the citizenry of the United States to a higher level of environmental consciousness and sensitivity. While it is extremely important that this goal is achieved, the Act fails short in the sense that it fails to provide for the education of the environmental professionals required to provide scientific and technical solutions to environmental problems that the nation's populace will increasingly demand on account of an ever-increasing level of environmental sensitivity. In my view it is important that both objectives are achieved through the Act. Failure to do so will result in a high level of environmental frustration and tension caused by a populace demanding a clean environment and a professional human resource infrastructure unable to respond. I believe that EPA should be actively involved in encouraging the education of environmental professionals, perhaps by instituting the fellowships and training grants program that was active during the 60's and 70's.

Should you agree with me, I encourage you to write your congressmen to this effect.

AEEP's annual luncheon and meeting will be held on Monday, October 8 in conjunction with the 1990 Conference of the Water Pollution Control Federation. The luncheon will begin at 12 noon in the Renaissance Ballroom, West Salon B of the Ramada Renaissance Hotel. All AEEP members are cordially invited to attend this luncheon. Please make your reservations with Bruce Rittmann of the University of Illinois at your earliest opportunity.

AEEP will also host a Meet and Greet Reception from 5:00 to 7:00 PM later the same day. This reception also will be held in the Renaissance Ballroom, West Salon B. The entire AEEP Board joins me in looking forward to seeing many of you at both functions.

Tom Keinath
President

AEEP NEWS AND ANNOUNCEMENTS

AWWA Academic Achievement

The American Water Works Association gives academic Achievement Awards annually to the MS theses and PhD dissertations judged to have the most significant value to the water supply industry. The awards consist of checks for $1000 and $500 for the first and second students in each category, respectively, and plaques for the students and their major professors.

The winners of the 1990 Academic Achievement Awards were:

DOCTORAL DISSERTATIONS:

FIRST PLACE: Jacques Manneh - U. of Illinois, under the direction of Dr. Bruce E. Rittmann; Title: "Interactions Between Heterotrophic and Autotrophic Bacteria in Fixed Film Biological Processes Used in Drinking Water Treatment".

SECOND PLACE: James P. McIlroy, Jr. - U. of Massachusetts, under the direction of Dr. James E. Edzwald; Title: "A Fundamental Study of Dissolved Air Fractionation for the Treatment of Low Turbidity Waters Containing Natural Organic Matter".

Masters' Theses

FIRST PLACE: James M. Fenstermacher, Jr. - U. of New Hampshire, under the direction of Dr. M. Robin Collins; Title: "Modifications to Slow-Rate Filtration to Improve Removal of Trihalomethane Precursors".

SECOND PLACE: Xiaoxin Mei - Pennsylvania State U., under the direction of Dr. Brian A. Dempsey; Title: "Production, Characterization, and Application of Polyaluminum Sulfofacies (PAS)".

The deadline for entries for the next competition (for theses completed between 9/1/89 and 9/1/90) is October 1, 1990. Entry forms and additional information can be obtained by calling AWWA headquarters at 303-794-7741.

AEEP Annual Luncheon, Meeting and Reception

AEEP's Annual Luncheon and Meeting will be held on Monday, October 8 in conjunction with the 1990 Conference of the Water Pollution Control Federation. The Luncheon will occur from 12 noon until approximately 1:30 PM in the Renaissance Ballroom, West Salon B of the Ramada Renaissance Hotel. The Ramada Renaissance Hotel is located directly across 9th Street from the Washington, D.C. Convention Center.

You must make a reservation for the Luncheon. To do so, complete the following form and return it to:

Professor Bruce E. Rittmann
3271 Newmark Civil Engineering Lab.
U. of Illinois at Urbana-Champaign
205 North Mathews Avenue
Urbana, IL 61801

Reservation Form

AEEP Annual Banquet and Meeting

Name

Address
Call For Papers – AWWA Universities Forum

Abstracts are now being solicited for papers to be presented at the 20th Annual Universities Forum at the American Water Works Association Annual Conference to be held in Philadelphia, June 23-27, 1991. Student presenters/authors are being sought at all university levels. Papers must be based upon work completed by a student during the 1989-90 or 1990-91 academic year.

Papers should be related to public water supply including treatment, quality control, distribution systems, and resource development and management. Seven copies of an abstract not to exceed 5 total pages -- no more than 2 pages of text, no more than 2 pages of figures and tables, and a completed abstract information sheet (available from AWWA) -- should be submitted by December 15, 1990 to:

Universities Forum
AWWA
6665 W. Quincy Avenue
Denver, CO 80235

The 1990 Abel Wolman Doctoral Fellowship

The recipient of AWWA's 1990 Abel Wolman Doctoral Fellowship was Margaret Carter, a doctoral student at the University of Michigan. Her research, under the direction of Dr. Walter J. Weber, Jr., is focused on the development of activated carbon adsorbents for the removal of synthetic organic chemicals (SOCs) with a special emphasis on the implication of background organic matter.

The Abel Wolman Doctoral Fellowship was established to honor the late Professor Abel Wolman by encouraging promising students from countries with AWWA sections to pursue advanced training and research in the field of water supply and treatment. Ms. Carter is the sixth student to receive the fellowship; the first three recipients, Drs. John Tobiszan, William Ball, and James Molloy, are now environmental engineering professors at the U. of Massachusetts, Duke University, and the U. of New Hampshire, respectively. The fellowship provides up to $15,000 per year in support for up to two years. Application forms may be obtained from AWWA by calling (303) 794-7741.

The Larson Aquatic Research Support (LARS) Scholarships

The LARS scholarships program was established in 1988 to honor the memory of Dr. Thurston E. (Ted) Larson, a water chemist and researcher who, in his 44-year career with the Illinois State Water Survey, made numerous scientific contributions in areas such as corrosion control, treatment and distribution of domestic and industrial water supplies, aquatic chemistry, analytical chemistry, and environmental chemistry. The scholarships, which provide $5,000 in support for PhD students and $3,000 for MS students, are awarded based on the applicant's academic excellence and potential to provide leadership in one of the fields served by Dr. Larson. The recipients of the 1990 awards were Mark Schlaflman, a PhD candidate at the California Institute of Technology, and Kevin Granneman, an MS student at Clemson University. Mark is studying the role of colloidal particles in the partitioning and transport of organic contaminants in aquifers. Kevin is investigating the impact of industrial focihates on groundwater quality.

The Holly A. Cornell Scholarship

The Holly A. Cornell Scholarship was established this year by AWWA and CH2M-Hill to honor Cornell. The $5,000 scholarship will be awarded each year to the most outstanding female of minority U.S. applicants pursuing an MS degree in Environmental Engineering. The recipient of the inaugural (1990) scholarship was Kathryn Lee Mallon, a graduate student at the U. of North Carolina, Chaslow Hill. Kathryn is studying microbial activity on GAC under the direction of Dr. Francois Dillman and hopes someday to use the skills to assist developing countries.
The Association of Environmental Consulting Firms

In May of this year, a Joint Industry forum of representaives from consulting firms and individuals from allied professions formed the Association of Environmental Consulting Firms (AECF) in response to the growing need for standards, legislative liaison and access to error and omission insurance at reasonable rates.

AECF sees its mission as providing leadership for the enhancement of the environmental consulting industry throughout the country. AECF plans to accomplish that mission through the establishment of generally accepted guidelines, publishing uniformity in the area of environmental audits, assessment and management.

AECF is organizing educational programming for its membership. The AECF Fall Conference, its first educational meeting, is to be held November 11-12, 1990 at the Hotel Sofitel near Chicago's O'Hare International Airport.

During the May meeting, the charter group elected a board of directors. The following were elected as officers of the organization: James Kinsey, Roy F. Weston Co., Baton Rouge, La., president; Lorne Helmlingston, ICF Kaiser Engineers Inc., Chicago, vice president; Doug Wietman, Waygn Engineering Inc., Addison, Ill., treasurer; and Tim O'Keefe, Environmental Risk Consultants Inc., Evanston, Ill., secretary.

For more information on the Association of Environmental Consulting Firms (AECF) or its Fall Conference, please contact Selter Keller, executive director of Baton Pugliese, director of communications at (312) 644-5610.

NETAC Recommends Field Testing of Bioremediation Treatments on Alaskan Oil Spill

The National Environmental Technology Applications Corporation (NETAC) at the University of Pittsburgh announced that they have recommended two promising commercial bioremediation treatments to the U.S. Environmental Protection Agency (EPA) for field testing this summer on oil-contaminated beaches in Prince William Sound, Alaska, resulting from the Exxon Valdez oil spill in 1989.

NETAC's recommendation was the result of comparative laboratory studies conducted during April and May on ten commercially available bioremediation treatments that had been previously identified by NETAC as showing promise for use in Alaska this year. The vendors for the two treatments recommended are Sybron Chemicals, Inc., of Salem, Virginia, and Environmental Remediation, Inc., of Baton Rouge, Louisiana.

Dr. John Skinder, Deputy Assistant Administrator for Research and Development at EPA, has accepted NETAC's recommendation and indicated that the two recommended products will now undergo bioassay testing to check for toxicity to marine organisms. If found environmentally acceptable, a field testing proposal will be submitted to the agency's responsible for clean up of the Alaskan spill.

NETAC Awarded Contract to Evaluate Biotower Technology

The National Environmental Technology Applications Corporation (NETAC) at the University of Pittsburgh Applied Research Center has been awarded a contract from Lancy International, an Alcoa Separations Technology Company headquartered in Pittsburgh and specializing in wastewater treatment design, manufacturing and installation. NETAC will provide an independent review of Lancy's Biotower Technology, a biological treatment system used in both the treatment of hazardous waste disposal facilities and treatment of industrial wastewaters.

University of Pittsburgh Signs Joint Environmental Agreement With Poland

The Center for Hazardous Materials Research (CHMR) at the University of Pittsburgh has signed a joint agreement with the National Foundation for Environmental Protection in Warsaw, Poland, to work together on a wide range of environmental matters of importance to both nations.

The agreement was signed in Warsaw the first week in August by Samuel A. Schult, chairman of CHMR, and Andrzej Wawelski, president of the National Foundation for Environmental Protection and vice minister of Environmental Protection and Natural Resources, State Inspectorate for Environmental Protection.

The agreement pledges both parties to undertake projects that address the environmental and waste management problems associated with industrial, agricultural and urban areas. This effort will involve joint scientific and public policy research on environmental management and bilateral transfer of environmental technology.

The Center for Hazardous Materials Research, a subsidiary of the University of Pittsburgh Trust, was established in 1985 with a four-fold mission of education and training, technical assistance, applied research, and technology transfer. The National Foundation for Environmental Protection in Warsaw was established in 1988 as an independent non-governmental institution catering on a wide range of environmental activities. It has 17 regional divisions in cities and towns throughout Poland.
President Young Investigator Awards at Berkeley

Ten professors at the University of California at Berkeley have won President Young Investigator Awards, given by the National Science Foundation to support the nation’s top young scientists and engineers. The White House-sponsored program is intended to help universities attract and retain outstanding young faculty researchers in technical fields who might otherwise pursue non-teaching careers. Investigators can receive up to about $100,000 per year for five years in a combination of federal and matching private funds to support their research.

Berkeley’s Department of Electrical Engineering and Computer Science had four winners: Professors David Culler, Shast Russell, Raminoud Seidel and Ashok Zakhor. The other Berkeley award winners and their departments are: Paul Alcheto, Chemical Engineering; Robert Tall, Integrative Biology; William Nazaroff, Civil Engineering Andrew Packard, Mechanical Engineering; Per Peterson, Nuclear Engineering; and Mark Richards, Geology and Geophysics.

Outstanding Engineering Book

The book Pumping Station Design (Robert L. Sanks, ASEP, Editor-In-Chief, and co-editors George Tsobanoskeus, ASEP, R. E. Bossman II, and Gary M. Jones) was recognized as the most outstanding engineering book of 1980 by the 14th Annual Professional and Scholarly Book Awards sponsored by the Association of American Publishers. The selection was made from more than 200 books by a panel of independent judges from publishing, industry, medicine, and science.

The book, published by Butterworth Publishers, 80 Montvale Ave., Boston, MA 02160, was written by 31 authors and 163 other contributors. Sanks was author or co-author of 7 of the 29 chapters. The book contains 828 pages, 376 illustrations, and 69 examples. It covers all aspects of pumping station design and was written for the practicing professional, although there are parts that are suitable for classroom instruction.

CONFERENCES AND EDUCATIONAL PROGRAMS

Annual WPCF Conference

The Annual Conference of the Water Pollution Control Federation (WPCF), will take place in Washington, D.C. October 7-11, 1990.

The Conference, to be held at the D.C. Convention Center, is the nation’s largest exposition on water pollution control technology and issues. It features five days of presentations and will attract more than 15,000 water quality experts from around the world. Over 125,000 net square feet will be filled with exhibits from about 450 participating companies.

Special guest speakers for the opening session on Monday, October 7, will include: Dr. Murray Fishbach, Georgetown University research professor and former chief of the USSEP Employment, Education and Research and Development Branch of the Foreign Demographic Analysis Division of the U.S. Bureau of the Census, who will address pollution in the Soviet Union and Eastern Europe, and Dr. James R. Murrin, Director of the National Acid Precipitation Assessment Program, who will present his personal look at results of the program’s ten-year research effort. William K. Reilly, Administrator of the U.S. Environmental Protection Agency (EPA) and Project Leader.

Wilcher, Assistant Administrator for water of EPA, are also scheduled to speak at this event.

Fifty-nine technical sessions will feature talks ranging from hazardous and industrial waste treatment and remediation to safety, regulatory, and compliance issues. Sludge management, public education, toxic substances, nonpoint source pollution, and marine water quality are a few more examples.

Hydrocarbon Contaminated Soils: Analysis, Fate, Environmental and Public Health Effects, and Remediation

University of Massachusetts
September 24-27, 1990

The Fifth National Conference will be held September 24-27, 1990 at the University of Massachusetts at Amherst. It will focus on topics to include the following: national and international approaches; field screening and analytical methodologies; remediation; risk assessment and management; regulatory policy; environmental fate/modeling; clean-up standards; real estate, banking and insurance issues;
petroleum product identification and legal consider-
ations.
For general information contact Paul T. Kostek, PhD, Division of Public Health; University of Massachusetts, Amherst, MA 01003, or call (413) 545-2934. For Infor-
mation about exhibit booths, contact Charles Bell at (413) 545-4269 at the above address. Registration material has been available since June 1, 1990.

IWEM Conferences and Symposia
IWEM has announced the following program of conferences, symposia and workshops:

1990
09/16-21 University of Reading
"Young Members" Study Tour: "Today’s water industry - who does what and how".
10/02 Sollhull
"Redevelopment of contaminated land" - a one-day symposium.
10/TBA London
"Cryptozoology is water": a one-day workshop.
11/14 London
"Water privatization - one year on": a seminar organized jointly with ICE.

1991
07/16 London
"Water technology for the 90’s": a seminar organized jointly with BWUA.
09/20 University of Loughborough
"Continuous monitoring and the consequences for environmental control": a one-day symposium.
06/30 - 07/02 International Convention Center, Birmingham
IWEM 91; International Conference and exhibition on "Water and the Environment".
36/14-15 Portsmouth
IWEM AGM and Summer Meeting: for Members only.
09/TBA Scotland
Young Members’ Study Tour.
10/08-09 Paris
A two-day international conference on groundwater protection.

Detailed information on IWEM ‘90 "Design and construc-
tion of works for water and environmental management" was issued on June 18, 1990, and on
"Redevelopment of contaminated land" on July 20, 1990. Information on the "Young Members’ Study Tour" is available from IWEM. Further information on all of the events may be obtained from Mrs. Lavinia Gittins, IWEM, London. Tel. 0171-631-3140.

First International Symposium on Wastewater Reclamation and Reuse
Castell Poble D'Aro, Costa Brava, Gerona, Spain
September 24-26, 1991
The First International Symposium on Wastewater Reclamation and Reuse is jointly organized by the Universitat Politècnica de Catalunya, Barcelona, Spain and the UWPRC’s Specialist Group on Wastewater Reclamation, Recycling and Reuse. The Sponsors of the Symposium are Conselleria de la Costa Brava, Dirección General de Obras Hidráulicas de la Generalitat de Catalunya, Dirección General de Obras Públicas y Urbanismo, Spain, and UWPRC.

The main objective of the First Water Reuse Symposium is to provide an appropriate forum for discussing the scientific and technological advances made in water reuse, especially through case studies on full-scale water reuse projects in agriculture, industry, forestry, and urban utilities. The main topics to be covered in the International Symposium on Wastewater Reclamation and Reuse are:
- Planning and implementing wastewater reclamation and reuse programs
- Legal and financial aspects of wastewater reclamation and reuse
- Evaluation of wastewater reclamation technologies
- Reliability and adequacy of reclamation alternatives
- Agricultural irrigation and aquaculture with reclaimed municipal wastewater
- Groundwater recharge with reclaimed wastewater
- Wastewater reuse for industrial cooling
- Quality criteria for reclaimed water for various uses
- Health and environmental considerations for wastewater reuse
- Research needs for wastewater reclamation technologies, and analytical and toxicological monitoring techniques


**PUBLICATIONS AVAILABLE**

**Who's Who In Environmental Engineering**


The book provides a complete listing of environmental engineers in all occupation groups, e.g., consulting, government, education, etc., who have proven to their peers through an extensive review and examination process that they have special knowledge in one or more of the following areas:

- Air Pollution Control
- General (Public Health) Environmental Engineering
- Hazardous Waste Management
- Industrial Hygiene
- Radiation Protection
- Solid Waste Management
- Water Supply and Wastewater Engineering

Divided into three primary sections, this book lists environmental engineers alphabetically, by specialty and by geography (state or foreign country). In addition, the book describes in detail the certification program that each person must satisfy to obtain this distinction. The book also contains biographical and professional data about the Academy.

Copies of this hardcover edition of *Who's Who In Environmental Engineering* can be purchased for $60, postage paid, from the American Academy of Environmental Engineers, c/o Ellin Hopson, Suite 400, Annapolis, Maryland 21401.

**Environmental Engineering Selection Guide**

The 1993 edition of the *Environmental Engineering Selection Guide* is now available from the American Academy of Environmental Engineers. Upon request, the Guide is provided free of charge to those that employ environmental engineers.

The Guide provides a resource for those seeking to locate environmental engineering experts for consulting assignments. It also lists the accredited environmental engineering programs at U.S. universities and all those professors who are certified environmental engineering specialists.
EMPLOYMENT OPPORTUNITIES

University of Canterbury, New Zealand

Applications are invited for Senior Lecturer or Lecturer in the Department of Civil Engineering from suitably qualified candidates with a specialized knowledge of environmental engineering. The appointee will be expected to expand the teaching and research in environmental topics, at undergraduate and graduate level. Applicants should have expertise in one or more of the following areas: water and wastewater treatment, solid and hazardous waste management, atmospheric pollution and wider aspects such as environmental impact assessment. The successful candidate may also be required to contribute to other civil engineering undergraduate courses.

The salary for Senior Lecturers is on a scale from NZS 50,000 to NZS 58,600 per annum (taxed), and a range from NZS 65,800 to NZS 66,800, and for Lecturers, a scale from NZS 36,000 to NZS 43,700, (taxed), and from NZS 46,000 to NZS 47,200 per annum. Applications close on September 23, 1990.

Further particulars and Conditions of Appointment, quoting Position No. CE36, may be obtained from the undersigned to whom applications must be addressed: A.W. Hayward, Registrar, University of Canterbury, Private Bag, Christchurch, New Zealand. The University has a policy of equality of opportunity in employment.

Clemson University

The Department of Environmental Systems Engineering at Clemson University invites applications for a tenure-track faculty position commencing August 1991. Applicants should have research experience and interest in any one or more of the following: physicochemical or biological technologies for treating wastewaters and hazardous wastes, or for remediating contaminated environments; environmental biotechnology; or environmental chemistry. Although preference will be given to applicants at the Assistant Professor level, exceptional candidates of other levels are encouraged to apply. The successful candidate must have outstanding research capability as well as a strong interest in teaching at the undergraduate and graduate levels, developing an active research program, and directing graduate student research. A PhD in environmental engineering - science or allied field is required. Interested candidates should submit a resume and the names, addresses, and telephone numbers of not less than three references to: Professor Thomas M. Keinath, Head, Department of Environmental Systems Engineering, Clemson University, Clemson, SC 29634-0919. Review of applications will begin on October 3, 1990, and continue until the position is filled. Clemson University is an Affirmative Action/Equal Opportunity Employer.

University of Connecticut

The University of Connecticut, Department of Civil Engineering invites applications for a tenure-track position in the area of Biochemical Processes in Environmental Engineering at the Assistant Professor level. Duties include teaching and advising undergraduate and graduate civil engineering students, developing a nationally recognized sponsored research program and directing graduate research. Opportunities exist for cooperation with the Environmental Research Institute at the University. University is a research center administered through the School of Engineering encompassing 14 full-time research and support staff, over 80 affiliate faculty from 9 accident departments and fully-equipped and
staffed analytical laboratories. An Engineering de-
gree, Civil Engineering preferred, and a Ph.D. in an
appropriate field are required. It is anticipated that
this position will become available as of January,
1991. forward curriculum vitae and the names of
three references to Professor Domenic Grasso,
Chairman, Search Committee, Department of Civil
Engineering, The University of Connecticut, Storrs, CT
06269-3037. The University of Connecticut is an
Affirmative Action/Equal Opportunity Employer.

University of Massachusetts

The Environmental Engineering Program of the De-
partment of Civil Engineering at the University of
Massachusetts-Amherst invites applications for a
tenure-track position in Environmental Engineering
commencing September 1991. The candidate
should be strong in the biological area of environ-
mental engineering with teaching and research in-
terests in one or more of the following: biological
processes, bioremediation of groundwater aquifers,
and biodegradation of hazardous substances. Prefer-
ence will be given to candidates with or eligible for
Professional Engineering registration. The position is
of the Associate Professor or Full Professor level,
and salary is commensurate with qualifications and
experience. Responsibilities include graduate and
undergraduate teaching and contributions to an
active graduate research program. The Environ-
mental Engineering Program is ABET accredited at
the advanced level and has seven permanent fac-
tulty. There are 30 to 35 full-time MS and PhD students
in Environmental Engineering, and 1989-90 research
expenditures in the Program exceeded $450,000.
Interested candidates should send a resume and
names of at least three references to Professor
James K. Edzwald, Department of Civil Engineering,
Environmental Engineering Program, University of
Massachusetts, Amherst, MA 01003.

Applications will be reviewed beginning October 4,
1990 and will be accepted until the position is filled.
The University is an Affirmative Action/Equal Op-
portunity employer.

University of Minnesota

The Department of Civil and Mineral Engineering in-
vites applications for an entry-level tenure-track fac-
culty position. The successful applicant must have a
Ph.D. or equivalent degree by time of appointment.
The candidate is expected to have a strong com-
mmitment to research and teaching at the under-
graduate and graduate levels, including the
advising of MS and PhD students, and the pro-
duction of scholarly publications. Vigorous inter-
action with community of environmental and water
resources engineers is desired. Eligible candidates
should have academic training and research inter-
ests in the application of microbiological principles
in environmental processes and engineering prob-
tems. Examples areas of specialization include:
environmental microbiology, biochemical engineering,
and microbiological processing. Position will be
available December 15, 1990. Please send a detailed resume and names of three
or more references to Dr. W. Moel, Dep't of Civil En-
engineering, 609 Pillsbury Drive SE, Minneapolis, MN
The University of Minnesota is an equal opportu-
nity educator and employer and specifically in-
vites and encourages applications from women
and minorities.

Rensselaer Polytechnic Institute

Rensselaer Polytechnic Institute announces the avail-
bility of a tenure-track academic position in
Environmental Engineering. The area of specializa-
tion is flexible; however, we are seeking outstanding candidates who can fit into a group that puts em-
phasis on integrated process design. Research in-
terests include water and air resources, hazardous
waste management, mathematical modeling, and
radioactive waste disposal, among others. This po-
sition is open at any level. Responsibilities include
undergraduate and graduate teaching and re-
search. Preference will be given to candidates eli-
gible for Professional Engineering registration.

Within the Environmental Engineering and Environ-
mental Sciences Department, an ABET accredited Bachelor of Science degree is offered, one of the
few such accredited programs in the United States.
Graduate programs leading to the Master of Sci-
ence, Master of Engineering, PhD, and D.Eng. de-
grees are also well established. The department
presently has four faculty, 40 undergraduate stu-
dents, and 30 full-time and 30 part-time graduate
students. Interested candidates should send a re-
sume and names of three references to Professor
Nicholas L. Clesceri, Environmental Engineering,
Rensselaer Polytechnic Institute, Materials Research
Center - Room 203, Troy, NY 12180-3592. If you need
any additional information, please contact Professor
Clesceri at (518) 276-6414 or FAX (518) 276-8554.
Applications will be accepted until the position is
filled. Rensselaer is an Equal Opportunity/Affirmative Action Employer.
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These rates apply for Book Rate postage within the United States. For delivery outside the U.S. or for speedier delivery (by First Class Mail or UPS), additional postage and handling charges will be billed to you.

**BILLING ADDRESS:**

**SHIPPING ADDRESS (if different):**

Prepayment required. Please forward a check or money order payable to AEEP to the above address.
APPLICATION FOR MEMBERSHIP
in the
Association of Environmental Engineering Professors

Name ____________________________________________________________

Official Title ___________________________________________ Dept.: ________

Business Address ___________________________________________ Tel. ________

Name Address ___________________________________________ Tel. ________

Applying for: Membership Status [] Rank: ___________________________ Affiliate Status []

PLEASE ATTACH RESUME

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

INITIAL DUES PAYMENT REQUIRED BASED ON RANK AND DATE OF APPLICATION

<table>
<thead>
<tr>
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<th>1 Jan.</th>
<th>1 Apr.</th>
<th>1 July</th>
<th>1 Oct.</th>
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<tr>
<td>Professor</td>
<td>$50.00</td>
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<td>Associate Professor</td>
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<td>12.50</td>
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<td>20.00</td>
<td>15.00</td>
<td>10.00</td>
<td>5.00</td>
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</tbody>
</table>

Please return this form along with your dues to:

William R. Knapp
Department of Civil Engineering
Virginia Polytechnic Institute and State University
Blacksburg, Virginia 24061

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

Signature ___________________ Date ____________