



PRESIDENT'S CORNER

Dear Friends and Colleagues:

I am deeply honored to have been given the opportunity to serve as your President. I find myself somewhat in awe of the tremendous contributions that have been made through the years to the Association and to the field by members of AEEP; but I am eager to do my utmost to facilitate your efforts to build upon the excellent foundation that has been laid.

The Board of Directors made some momentous decisions at their October Board meeting, and there are many important activities currently underway or in the planning stages. These decisions and activities include:

1. Establishment of a Business Office

For several years the Board considered the need to establish an AEEP Business Office to improve services and communications and to free up volunteer time for other activities. In October the Board reviewed proposals and selected one for contract negotiation. An agreement was subsequently made with Ms. Joanne Giroux Fetzner of Champaign, Illinois to provide the services described in the "help wanted" ad sent to our members last summer.

Joanne has worked with professional associations for many years. In a letter to the Board she said: "I understand the demands and priorities facing university professors ... My highest priority will be to make AEEP participation a pleasant, productive, and trouble-free experience for all members." Please welcome her to our team and please be patient with her and the officers of AEEP as we devise new procedures and iron out any bugs that arise in the system.

2. A Dues Increase

In October the Board voted to raise dues for the first time in the history of the Association and assigned the newly elected President the unenviable task of explaining the increase to the membership. Since this matter had been thoughtfully considered by the Board for the past several years and more recently by an Ad-Hoc Dues Committee, and since there are good reasons for the increase, I am not fearful that Mark Benjamin (Chair of the Bylaws Committee) will be inundated with calls for information about impeachment procedures.

The Ad-Hoc Dues Committee, chaired by Joe Malina, examined AEEP's financial records over the period of 1987 to 1994 and concluded that the dues paid by Assistant and Associate Professors and Affiliate and Student members were insufficient to cover the cost of the services provided to them. The committee considered various options for balancing income and expenses and recommended that dues be increased to cover the shortfall and the additional expense of a paid secretariat.

The Board agreed with the recommendations of the Committee and decided that: A) dues for Associate Professors and Affiliate Members should cover the cost of services; B) dues for Assistant Professors and Student Members should continue to receive a slight subsidy; C) reserve funds should be gradually increased to a higher level; D) the benefits of a paid secretariat to AEEP justify an increase in dues; and E) the dues increase should be modest, yet large enough to avoid another increase in the near future.

The dues increase enabled us to establish a business office and to begin rebuilding our reserves. It will also provide us with more flexibility to support to support new initiatives.

3. The 1996 Education Conference

The Seventh Environmental Education Conference is scheduled for August, 1996. Chet Rock is co-chairing the planning committee, along with Joe Lagnese of AAFP. Please send your suggestions to Chet.

4. AEEP Conferences and Workshops

An ad hoc committee chaired by Bruce Rittmann is evaluating AEEP's contributions to professional education through workshops and conferences and is analyzing the results of a survey of 65 AEEP members. The committee's report will help the Board decide what changes might be beneficial. If you were not among those surveyed but have comments to offer, please forward them to one of the officers prior to mid-January.

5. Long-Range Planning

The Long-Range Planning Committee, chaired by Bruce Logan, has recommended that we establish a student membership grade and that we initiate the development of an "Association of Environmental Engineering Students". The latter will require a substantial effort by a committee or task force; please inform me ASAP if you are willing to volunteer your time to launch this important effort.

The Long-Range Planning Committee has also recommended several initiatives related to curricula and textbooks. Arne Vesilind will organize an ad-hoc committee to examine how AEEP can best become involved in reviewing textbooks and disseminating the information to AEEP members, preferably by electronic means.

A 21st Century Highway Committee will soon be appointed to determine how AEEP can best take advantage of modern electronic communications to facilitate the exchange of information among its members. This might include not only textbook reviews and syllabi, but also more frequent

updating of E-Mail addresses, setting up electronic discussion groups and bulletin boards, etc. Volunteers and suggestions are most welcome.

6. Membership Categories

At present we have no official membership category for retired members or student members; and the emeritus category is poorly defined and ambiguously labeled. The Bylaws Committee and an Ad Hoc Committee on Emeritus Membership, chaired by George Hanna, are currently examining this matter. Please feel free to convey any thoughts you may have on this matter to the Chairs or to me by mid-January. We hope to resolve this matter soon and to make an necessary changes to the Bylaws before the next Annual Meeting.

7. Dialog with AAEE

Our Executive Board plans to meet with the AAEE Board in January to open up a dialog on topics of mutual interest. Please convey your comments or suggestions to any one of our officers or to Greg Reed, our liaison to AAEE.

Other activities are described elsewhere in this newsletter. If you would like to contribute to the work of a particular

committee or if you would like to start up a new committee to address something not receiving adequate attention, please give me a call or drop me a note by FAX or E-Mail. Speaking on behalf of the Board, I want to assure you that we want your agenda to be our agenda. Please communicate your ideas, hopes, and concerns to any Board member or to the Chair of the appropriate committee.

On behalf of the Association, I offer special thanks to John Carollo Engineers for their support of the Pollution Prevention Workshop at the WEF Conference; to Brian Lewis for underwriting the AEEP Meet & Greet following our Annual Meeting; to Engineering Science, CH2M-Hill, and Montgomery Watson for their support of the thesis awards; and to our other sustaining members for their continued support of the Association.

Best wishes for the New Year! Please consider, perhaps as a New Year's resolution, pledging to make at least one non-monetary contribution, formally or informally, to the activities of the Association during 1995.

Steve Randtke

AEEP NEWS AND ANNOUNCEMENTS

Dr. Alexander Zehnder Distinguished Lecturer 1994-95

The Distinguished Lecturer Committee has selected Dr. Alexander Zehnder, Director of EAWAG/ETH in Switzerland to deliver the 1994-95 Distinguished Lecture. The announcement of his lecture and invitations to serve as host were mailed to the entire membership mailing list. The Committee is in the process of selecting.

Publishing a book?

If you are an author of a new book of interest to environmental engineers, we will run an announcement for you in the AEEP Newsletter. Just send (mail, fax or email) the notice to:

Chet A. Rock
University of Maine
Dept. of Civil & Environmental Engineering
5711 Boardman Hall
Orono, ME 04469-5711
FAX: (207) 581-1215
Phone (207) 581-2170
email - chetrock@maine.maine.edu

AEEP MAILING LABELS

Mailing labels of AEEP members may be obtained by contacting:

Mark J. Rood
Dept. of Civil Engineering, MC-250
Univ. of Illinois at Urbana/Champaign
205 N. Mathews Avenue
Urbana, IL 61801-2352
(217) 333-6963 Fax: (217) 333-9464
email: m-rood@uiuc.edu

The cost is \$15 for members and \$50 for non-members.

AEEP Academic Genealogy

Copies of the AEEP Academic Genealogy are free and available by contacting:

P. Aarne Vesilind
Dept. of Civil & Env. Engg.
Duke University
Durham NC 27708-0287
TN: (919) 660-5204 FN: (919) 660-5219
email: pav@egr.duke.edu



AEEP Members:

Does AEEP have your correct email address? If not, please let AEEP Secretary Jo Ann Silverstein know.

She can be reached at silverst@spot.colorado.edu

SWANA

The Solid Waste Association of North America (SWANA) is vitally interested in two issues which are closely linked to academia: municipal solid waste management (MSWM) research and development (R&D), and municipal waste management training and education (T&E).

SWANA is interested in establishing a larger base of interests on the issues with academia for several purposes. One is to learn more about what course work, programs and research in solid waste field is being done by universities. This in turn would enable SWANA to share with its membership information on the availability of university programs.

Another interest is in developing an informal, but focused, network between SWANA and academicians to raise the level of professionalism in MSWM; to share information and data; and to advance all of our interests in gaining greater investments in MSWM R&D and T&E.

For additional information, please contact: H. Lanier Hickman, Jr., PE, DEE, Executive Director, SWANA, PO Box 7219, Silver Spring Maryland 20907-7219, telephone (301) 585-2898 or fax (301) 589-7068.

The AEEP Business Office has been established to improve services and communications. An agreement has been made with Ms. Joanne Giroux Fetzner of Champaign, Illinois to provide this service. Please note the **AEEP Business Office** address:

AEEP

Joanne Fetzner
AEEP Business Office
2101 Winchester Drive
Champaign, IL 61821
(217) 398-6969/Fax (217) 333-9576
jfetzn@psych.uiuc.edu

Deadline for April 1995 AEEP NEWSLETTER

Please submit articles for the
 April
 issue of the AEEP Newsletter to:
 Chet A. Rock

University of Maine
 Dept. of Civil & Environmental Engineering
 5711 Boardman Hall
 Orono, ME 04469-5711
 FAX: (207) 581-1215
 Phone (207) 581-2170
 email - chetrock@maine.maine.edu
 before Friday, March 3rd.

NEW

GROUND WATER CONTAMINATION: TRANSPORT AND REMEDIATION

PHILIP B. BEDIENT, **AEEP Member**, Professor and Chair of Environmental Science and Engineering, Rice University.

HANADI S. RIFAI (Ph.D., Rice University) lecturer and research associate at Rice University.

CHARLES J. NEWELL (Ph.D., Rice University) Vice President, Groundwater Services, Inc.

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**To order Ground Water Contamination:
 Transport and Remediation, write or call:**

Prentice Hall - Neodata
Box 11073
Des Moines, IA 50381-1073
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Copyright 1994, 550 pp., cloth, 7X9 1/4", \$64
ISBN: 0-13-362592-3, Title code: 36259-0

Montgomery-Watson Consulting Engineers M.S. Thesis Awards



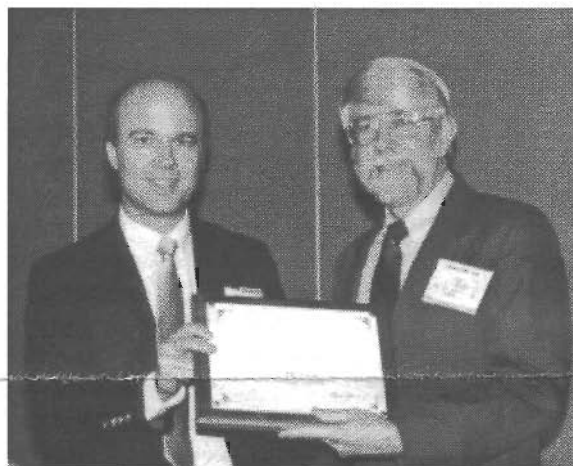
Donnal Bassett of Montgomery-Watson presents Shawn M. Sock with the 1994 Montgomery-Watson Consulting Engineers M.S. Thesis Award at the AEEP luncheon held in Chicago in October.

Entries are sought for the 1995 Montgomery-Watson Master's Thesis Awards. First and second place awards will be given, each consisting of a plaque and a cash prize for both the student and the faculty advisor. The cash prize for the first place award is \$600 for the student and \$300 for the faculty advisor; the amounts for the second place award are \$400 and \$200, respectively.

Faculty advisors wishing to compete should send three copies of the thesis to W.P. Ball, Department of Geography and Environmental Engineering, The Johns Hopkins University, 313 Ames Hall., Baltimore, MD 21218-2686. They should be accompanied by a simple letter of transmittal stating the student's current address and indicating when the thesis was completed. The copies will not be returned, so inexpensive xerographic copies

are recommended. The deadline for submission is March 15, 1995 for dissertations completed during the 1994 calendar year. Faculty advisors are urged to limit themselves to a single entry (which will be considered for each of the two awards); self nominations by students will not be accepted.

A selection committee of three AEEP members will read and judge each thesis on the basis of 100 points allocated as follows: scientific and technical merit of the research - 30 points; originality of research - 30 points; contribution to advancement of environmental engineering - 30 points; and, clarity of presentation - 10 points. The selections will be made by September 1st so that the recipients and their advisor can be invited to the AEEP luncheon at the WEF meeting.



Donnal Bassett of Montgomery-Watson presents Leslie Grady, Jr., with the 1994 Montgomery-Watson Consulting Engineers M.S. Thesis Advisor Award at the AEEP luncheon held in Chicago in October.

AEEP Founder's Award



Aarne Vesilind presents Daniel Okun with the 1994 AEEP Founders' Award at the AEEP luncheon held in Chicago in October.

Daniel A. Okun, Kenan Professor of Environmental Engineering Emeritus at the University of North Carolina-Chapel Hill, was awarded the 1994 AEEP Founders' Award at the Annual Meeting held on October 17, 1994 in Chicago. This award is given annually to recognize an AEEP member who has made "sustained and outstanding contribution to environmental engineering education and the profession." The 1993 award was presented to Professor Richard Engelbrecht of the University of Illinois.

Nominations are being sought for the 1995 AEEP Founders' Award. Nominations may be made communicating (orally or in writing) the name of the nominee to the chair of the awards committee, R. Scott Summers, Dept. of Civil and Environmental Engineering, ML-71, University of Cincinnati, OH 45221-0071, telephone (513) 556-3692, or fax (513) 556-2599. The deadline for nominations to be assured of receiving full consideration is March 15, 1995.

Engineering-Science and CH2M-Hill Doctoral Thesis Awards

Winners of the 1994 Engineering Science and CH2M-Hill Doctoral Thesis Awards are as follows:

Engineering Science Doctoral Award

Dr. Chih-Hsiang Liao, "The Investigation of Hydrogen Peroxide Photolysis as a Water Treatment Process," under the supervision of Mirat D. Gurol, Drexel University, Philadelphia, PA

CH2M-Hill Doctoral Award (photo not available)

Dr. James Farrell, "Desorption Equilibrium and Kinetics of Chlorinated Solvents on Model Solids, Aquifer Sediments, and Soil," under the supervision of Martin Reinhard, Stanford University, Stanford, CA

Entries are sought for the 1995 Outstanding Doctoral Thesis Awards, one sponsored by Engineering Science, Inc., and the other by CH2M-Hill. Two separate but equivalent awards will be given, each consisting of a plaque and a cash prize of \$1000 for the student, and a plaque and a cash prize of \$500 for the faculty advisor.

Faculty advisors wishing to compete should send three copies of the thesis to James R. Hunt, Department of Civil Engineering, University of California at Berkeley, 631 Davis Hall, Berkeley, CA 94720. The theses should be accompanied by a simple letter of transmittal stating the student's current address and indicating when the thesis was completed. The copies will not be returned, so xerographic copies inexpensively bound are recommended.

The deadline for submission is March 15, 1995 for dissertations completed during the 1994 calendar year.

Faculty advisors are urged to limit themselves to a single entry (which will be considered for each of the two awards); self nominations by students will not be accepted.

A selection committee of three AEEP members will read and judge each thesis on the basis of 100 points allocated as follows: scientific and technical merit of the research -30 points; originality of research - 30 points; contribution to advancement of environmental engineering - 30 points; and, clarity of presentation - 10 points. The selections will be made by September 1st so that the recipients and their advisor can be invited to the AEEP luncheon at the WEF meeting. The recipients of the 1994 awards were:

Our thanks to Engineering Science and CH2M-Hill for their generosity in sponsoring these awards and to members of the 1994 Doctoral Thesis Review Panel: James Symons (Chair), James Hunt, and Michael Aitken.



Nicholas Presecan from Engineering-Science presents Mirat D. Gurol, with the 1994 Engineering-Science Doctoral Thesis Award for her student, Dr. Chih-Hsiang Liao, and herself at the AEEP luncheon held in Chicago in October.

AEEP Outstanding Paper Award

Nominations are sought for the 1995 AEEP Outstanding Paper Award for a "landmark paper that has withstood the test of time." Nominators should send a copy of the paper and a letter (two pages maximum) to R. Scott Summers, Department of Civil and Environmental Engineering, ML-71, University of Cincinnati, OH 45221-0071. The letter should give the full citation, the reasons why the paper is considered a "landmark," and a description of the influence the paper has had on the practice of environmental engineering. Nominations must be made by members of AEEP who are not an author or co-author of the paper; they are due July 1, 1995.

According to the current rules of the competition, any author of a winning paper is ineligible in the competition for a period of three years, and at least one of the authors must be living. The winners since 1985:

- 1985 McCarty, P.L., and A.W. Lawrence, "Unified Basis for Biological Treatment Design and Operation," J. San. Engrg. Div., ASCE, June, 1970.
- 1986 Dick, R.I., "Role of Activated Sludge Final Settling Tanks," J. San Engrg. Div., ASCE, April, 1970.
- 1987 Dick, R.I., and B.B. Ewing, "Evaluation of Activated Sludge Thickening Theories," J. San Engrg. Div., ASCE, August 1967.
- 1988 McCarty, P.L., "Anaerobic Waste Treatment Fundamentals," Public Works, September-December, 194.

- 1989 Weber, W.J., Jr., and J.C. Morris, "Kinetics of Adsorption on Carbon from Solution," and "Equilibria and Capacities for Adsorption Carbon," J. San. Engrg. Div., ASCE, April 1963 and June 1964.
- 1990 O'Conner, Donald J., "Oxygen Balance of an Estuary," Jour. San. Engrg. Div., ASCE, 86, SA3, 35-55, May 1960.
- 1991 Yao, K.M., M.T. Habibiyan, and C.R. O'Melia, "Water and Waste Water Filtration: Concepts and Applications," Envir. Sci. & Tech., 5(11), 1105, May 1971.
- 1992 Argaman, Y., and W.J. Kaufman, "Turbulence and Flocculation," J. San. Engrg. Div., ASCE, 96, SA2, 223-241, April 1970.
- 1993 Stevens, A.A., and J.M. Symons, "Measurement of Trihalomethane and Precursor Concentration Changes," Jour. Amer. Water Works Assn., 69:10:546, 1977.
- 1994 Morel, F.M.M., and J.J. Morgan, "A Numerical Method for Computing Equilibria in Aqueous Chemical Systems," **Envir. Sci. & Tech., 6:58-67, 1972.**

Please take a few moments to reflect on the papers that you think have had the greatest impact on environmental engineering and consider nominating one of them for this award. Note that papers in all areas of environmental engineering, including air pollution, water quality, solid waste, hazardous waste, etc. are eligible.

EMPLOYMENT OPPORTUNITIES

The University of Alabama

The Department of Civil and Environmental Engineering at the University of Alabama invites applications for a tenure-track faculty position at the Assistant/Associate Professor level effective January 1, 1995. Applicants should have an earned doctorate in civil or environmental engineering, good verbal skills, demonstrated teaching ability and a demonstrated potential for obtaining and performing funded research. At least one degree in civil engineering is highly desirable. The successful candidate will be expected to teach at both the undergraduate and graduate levels, supervise graduate students, and initiate a program of sponsored research. U.S. citizenship or Permanent Residency is required. Review of applications will begin in October 1994 and will continue until the position is filled. Send a complete resume, three references (names, addresses, and phone numbers) to the following address, Chairperson, Search Committee, Department of Civil and Environmental Engineering, Box 870205, Tuscaloosa, AL 35487-0205.

The University of Alabama is an equal opportunity/affirmative action employer.

Arizona State University

The Department of Civil Engineering at Arizona State University (ASU) invites applications for an assistant professor position in the area of environmental engineering. Candidates must have an earned doctorate in engineering. We are seeking a faculty member who has the potential to provide a significant contribution to the development of the environmental engineering effort in the department through research, teaching and service. Duties include development of funded research activity including graduate student supervision, graduate and undergraduate teaching, and college, university, and professional community service. Salary will be commensurate with experience and qualifications. The Department currently has 18 full-time faculty, 350 undergraduate and 147 graduate students. The Department offers B.S., M.S., and Ph.D. degrees in all areas of civil engineering. The undergraduate program in civil engineering is fully accredited by ABET. ASU enrolls over 43,000 students and is located in the Phoenix metropolitan area. The Civil Engineering Department has a committed effort to rapidly expand its research activities and graduate program. Applicants must forward a resume, transcript, and names of three referees to: Dr. Larry W. Mays, Chair, Department of Civil Engineering, Arizona State University, Tempe, AZ 85287-5306. Application deadline is December 15, 1994 or every 15th of the month thereafter until the position is filled.

ASU is an equal opportunity, affirmative action employer.

Bucknell University

The Department of Civil Engineering at Bucknell University solicits applications for a tenure-track position at the assistant professor level in the area of environmental engineering beginning with the fall semester, 1995. The successful applicant will be expected to teach environmental courses for both engineering

and non-engineering students. The candidate's interests may be in any area of environmental engineering, but the following areas are preferred: water treatment; wastewater engineering; solid waste management; or air pollution control. Applicants should have an earned doctorate in civil engineering and an undergraduate civil engineering degree from an ABET-accredited institution. Professional registration, some industrial experience, and previous teaching and research experience are desirable.

Bucknell University, which emphasizes teaching, is primarily an undergraduate institution with an MSCE program. Bucknell has excellent environmental laboratory facilities, including a full-time laboratory director. Please send a resume with the names of three references to Dr. Michael D. LaGrega, Department of Civil Engineering, Bucknell University, Lewisburg, PA 17837. Screening of applicants will begin on January 16, 1995 and continue until the position is filled.

Bucknell University encourages applications from women and members of minority groups.

University at Buffalo

The Department of Civil Engineering invites applications for a tenure track position in Environmental Engineering starting Fall Semester 1995. The position is to be filled at the Assistant Professor rank. The candidate must have a doctorate in engineering with a demonstrated background in environmental engineering and show evidence of scholarship beyond the dissertation. Applicants should have a strong commitment to quality teaching at both the undergraduate and graduate level. The successful candidate will be expected to develop a nationally recognized research program, both individually and in collaboration with the current faculty. The candidate is expected to compliment the expertise of the eight current faculty in Environmental Engineering in the areas of process development and analysis and modeling of surface and groundwater systems.

The Environmental Engineering Program at the University of Buffalo has grown to national prominence and currently has greater than 60 full time graduate students, annual external funding approaching more than 1.5 million dollars, and environmental and computer laboratory space in excess of 10,000 square feet. Active research areas include GIS/environmental systems modeling, subsurface remediation process development and modeling for organics and metals, and chemical and biological oxidation of toxic organics. In addition, the Program has close ties to regional research organizations, including the New York State Center for Hazardous Waste Management and the Great Lakes Program. Screening of applications will begin February 1, 1995. Applications received after that date will be considered until the position is filled. Applicants should send their resume and names, addresses, and phone numbers of at least three references to: Dr. Dale D. Meredith, Chair, Department of Civil Engineering, University at Buffalo, Buffalo, New York, 14260.

The University at Buffalo is an equal opportunity/affirmative action employer.

Clemson University

Westinghouse Distinguished Scientist. The Department of Environmental Systems Engineering (ESE) is seeking applications for a distinguished scientist position. This is a senior-level position to be filled by an eminent scientist or engineering with an outstanding record related to the advancement of knowledge and practice within the environmental sciences and engineering. A record of participation in the evaluation and development of public environmental policy is desirable. It is expected that the successful candidate will teach one or two courses a year, maintain an active research program, and engage in other activities that complement and enhance existing areas of specialization within the department. Partial funding for this position is provided by a grant from the Department of Energy. An earned Ph.D. is required. This position will be filled outside the existing ESE faculty.

Jerry C. and Harriet Calvert Dempsey Professorship of Waste Management. The Department of Environmental Systems Engineering (ESE) is seeking applications for a named professorship. It is intended for a talented scholar and researcher whose accomplishments demonstrate ability in teaching and research of significance in the waste management field. An earned Ph.D. is required. The successful candidate will be expected to teach courses and develop cooperative research in their specialty area. This position will be filled from outside of the current ESE faculty.

Assistant Professor. The Department of Environmental Systems Engineering (ESE) is seeking applications for an entry-level, tenure-track position in either the nuclear environmental area or the surface/groundwater modeling area. Applicants in the nuclear environmental area should have expertise in one or more of the following: radioactive waste management, radionuclide transport in the environment, environmental measurements, environmental health physics, or radiochemistry. Applicants in the modeling area should have expertise in one or more of the following: surface water quality modeling, groundwater quantity and quality modeling, and modeling of contaminant fate and transport. An earned Ph.D. is required. The successful candidate will be expected to teach courses and develop cooperative research in their specialty areas.

ESE is a mature department (nearly 30 years old) which offers a comprehensive academic program in environmental science and engineering, including: process engineering, hazardous and radioactive waste treatment, contaminant characterization, contaminant fate and transport, analysis of natural systems, environmental restoration, and risk assessment and waste management. Review of candidates will begin January 1, 1995 and will remain open until the position is filled. Send resume and a list of three references (name, address, and telephone number) to Glen T. Daigger, Professor and Head, Linvil G. Rich Environmental Research Laboratory, Clemson Research Park, Box #340919, Clemson, South Carolina 29634-0919.

Clemson University is an affirmative action-equal opportunity employer.

The University of Colorado

The University of Colorado at Boulder's Department of Civil, Environmental, and Architectural Engineering invites applications for a tenure-track position in environmental engineering. A Ph.D. in engineering is required. The position has been approved at the Assistant Professor level but candidates at all levels will be considered. Responsibilities include conducting research with students in an active graduate program, and teaching undergraduate and graduate courses. We particularly seek an individual who links biological sciences to engineering. Example focus areas include: in situ bioremediation and subsurface microbiology, biokinetics of hazardous and/or solid waste degradation, biofilms and biofouling, and microbial ecology of biological processes. There are 30 faculty members overall within the Department, with five faculty in the environmental engineering area who work closely with five faculty in water resources. The Department has about 500 undergraduate students and 250 graduate students; the annual research budget is approximately \$3.5 million.

To apply, please send a resume and the names of three references to Stein Sture, Professor and Chair, Department of Civil, Environmental, and Architectural Engineering, Campus Box 428, University of Colorado, Boulder, CO 80309. Review of applications will begin on January 3, 1995, and will continue until the position is filled. The appointment will begin in August, 1995.

The University of Colorado at Boulder strongly supports the principle of diversity. We are particularly interested in receiving applications from women, ethnic minorities, disabled persons, veterans and veterans of the Vietnam era.

Marquette University

The Department of Civil and Environmental Engineering at Marquette University seeks applications for a tenure track position in environmental engineering at the assistant professor level starting August 15, 1995. Candidates for the position should have an earned Ph.D. in environmental engineering and an undergraduate degree in civil engineering is preferred. The successful candidate would be expected to teach undergraduate courses in environmental engineering as well as graduate courses in the general area of water and wastewater treatment processes. Interest in developing one or two courses in hazardous waste management would be desirable. The applicant would be expected to develop an active laboratory research program in the area of biological or biochemical processes, or one or more of the other water and wastewater treatment process areas of the candidate's expertise. The department consists of 11 faculty members, 300 undergraduate students and 80 graduate students (M.S. and Ph.D. -- 30 graduate students in the Water Resources/Environmental Engineering area). The Department is housed in newly renovated facilities on an attractive campus in a vibrant city with supportive industries. There are two interdisciplinary Research Centers within the department. A leading Jesuit University, Marquette University derives a distinctive character from the combination of its religious commitments, its location in a major city, its excellent faculty with diverse religious convictions and its deep involvement in and dedication to undergraduate and graduate education and scholarly research. Qualified applicants are invited to submit a resume including teaching and research interests and the names and addresses of at least three references to Dr. Thomas H. Wenzel, Chair, Department of Civil and Environmental Engineering, Marquette University, 1515 W. Wisconsin Avenue, Milwaukee, Wisconsin 53233. Deadline for applications is March 15, 1995.

Marquette University is an equal opportunity/affirmative action employer.

New Mexico Institute of Mining and Technology

New Mexico Institute of Mining and Technology invites applications for a tenure-track Assistant Professor in the department of Mineral and Environmental Engineering starting in August, 1995. Responsibilities include teaching undergraduate classes in environmental and general engineering, supervising undergraduate externally funded research program. A graduate program in environmental engineering is planned by the Department for the near future. The appointee will also assist present faculty in the ground-level development and implementation of the graduate program. Preference will be given to candidates with a strong background and interest in water and wastewater engineering and solid waste management. Industrial and/or consulting experience and professional registration are desirable. Fluency in both written and spoken English required. Salary is commensurate with qualifications. Candidate for the position must have a B.S. degree in engineering and a Ph.D. in environmental engineering or closely related fields. The closing date is April 1, 1995. Applicants should send a resume, bibliography, copies of transcripts, names and phone numbers of three references, and a written statement of teaching and research interests to: New Mexico Institute of Mining and Technology, Human Resources, Wells Hall Box C-097-D, Socorro, NM 87801.

Women and minorities are strongly encouraged to apply.

AAEOE

Northeastern University

The Department of Civil Engineering invites applications for a tenure-track faculty position at the Assistant or Associate Professor level in environmental/geoenvironmental engineering beginning September 1995. Responsibilities include teaching and developing research with special emphasis in the engineering aspects of waste disposal practices including groundwater modeling, pollutant transport, containment methods and hazardous waste remediation. Teaching duties include undergraduate and graduate courses in hydrology and hydraulics. Additional experience with site assessment and knowledge of current federal and state regulations is desirable. Ability to work with both environmental and geoenvironmental engineering faculty members is required. The applicant should have a Ph.D. in civil/environmental engineering with geoenvironmental background. Other relevant Ph.D.'s are also encouraged to apply. Evidence and promise of scholarly activities. Relevant professional experience and professional registration are highly desirable. Applicants should send a detailed resume including names of three references to Dr. M.K. Yegian, Chair, Department of Civil Engineering, Northeastern University, Boston, MA 02115.

Northeastern University is an equal opportunity/affirmative action employer.

New Jersey Institute of Technology

The New Jersey Institute of Technology's civil engineering department has an opening for an associate professor/full professor tenure-track position in environmental engineering. The department has a large environmental engineering graduate program with current enrollment of over 100 part/full-time students. Excellent research facilities are available through the university-based Hazardous Substance Management Research Center. In addition, the department is in the process of developing a state-of-the-art geoenvironmental research facility funded by the National Science Foundation. Teaching and research interests of the successful candidate will be in biological, physical, chemical treatment process engineering and/or environmental modeling. Please send resume and names and addresses of three references to Personnel Box APFP-CEE, New Jersey Institute of Technology, University Heights, Newark, NJ 07102-1982.

The New Jersey Institute of Technology is an equal opportunity, affirmative/action employer.

Purdue University

Purdue University's School of Civil Engineering invites applications and nominations for the endowed **Lee A. Rieth Professorship in Environmental Engineering**. Candidates for this position should be recognized as a national and international scholar in the field of environmental engineering and science, including remediation, prevention, assessment and control. Qualified candidates will possess an earned doctoral degree and have a distinguished record of research and teaching appropriate for appointment as a tenured full professor. The successful applicant should provide synergistic leadership directed at promoting excellence in academics and research. Primary selection criteria will include: a record of sustained scholarly performance, demonstrated excellence in teaching and research, and evidence of intellectual leadership. The Rieth Professorship offers the opportunity and challenge to share in the future growth and development of a nationally recognized school. Purdue's premier academic program in engineering annually awards of the largest number of engineering degrees in the country. The School of Civil Engineering has over 700 undergraduate students, 280 graduate students, and 60 faculty. The environmental hydraulic engineering area within civil engineering has 12 faculty, a graduate enrollment of 94 students, and diverse range of modern laboratory research facilities.

Nominations and applications should be sent to: Professor William L. Wood, Chair, Search Committee for the Lee A. Rieth Professorship, Purdue University, 1284 Civil Engineering Building, West Lafayette, IN 47907-1284, telephone (317) 494-2178, fax (317) 496-1988.

Minority and women candidates are encouraged to apply. The selection process will commence January 15, 1995 and continue until the position is filled. Applications should include a statement of interest in the position, a curriculum vitae and the names and addresses of at least four references.

Purdue University is an equal opportunity/affirmative action employer.

Penn State

Penn State University, Department of Civil and Environmental Engineering, has a tenure-track faculty position in environmental engineering open at the assistant professor level. Applicants must have an undergraduate engineering degree and a Ph.D. in the area of specialty. Duties include teaching undergraduate and graduate courses, advising, conducting research, and participating in continuing education programs. P.E./E.I.T. are preferred. Applicants should have academic and research interests in industrial pollution control systems including pollution prevention and waste minimization with emphasis on air, water, wastewater, or solid waste management. Professional experience in industrial settings is preferred.

Send resume and names of three references to Dr. Chin Y. Kuo, Head, Department of Civil and Environmental Engineering, The Pennsylvania State University, 212 Sackett Building, Box D, University Park, PA 16802, telephone (814) 863-3084. The appointments will begin in August 1995. Applications will be reviewed beginning December 1, 1994. However, applications will be considered until the position is filled.

*An affirmative action/equal opportunity employer.
Women and minorities are encouraged to apply.*

Universidad de los Andes

The Universidad de los Andes in Bogota, Columbia, Department of Civil Engineering has openings for tenure-track positions at the assistant professor level in the areas of environmental, geotechnical, construction and management, and transportation engineering. The candidates must have an earned doctorate in civil engineering with a strong research background and strong teaching/communication skills. Additionally, the candidates must be eligible for professional registration. Duties would include teaching at the undergraduate and graduate levels and developing funded research. Current enrollment in the Department is 505 undergraduate and 105 masters students. The total University enrollment is approximately 8000. The University is a private institution. The University is situated in Santafe de Bogota, D.C., Columbia, South America.

Texas A&M University

The College of Engineering at Texas A&M University invites applications and nominations for an **Endowed Chair in Civil Engineering**. Candidates for this chair, with national standing in the field of environmental engineering, would provide intellectual leadership as well as enrich the scholarly achievement at Texas A&M University. Applicants or nominees should have demonstrated the characteristics of originality, creativity, and productivity in the areas of teaching and research. The holder of the chair will be expected to maintain an active program of funded research, contribute to the teaching program, and continue a leadership role in the environmental engineering profession at national and international levels.

Applications should include a detailed resume and should be sent to: Dr. Juan B. Valdés, Environmental, Ocean and Water Resources Division, Department of Civil Engineering, Texas A&M University, College Station, TX 77843-3136 or telephone (409)845-3011. Review of applications will begin April 1, 1995. References will be requested of all finalists.

Texas A&M University is an equal opportunity/affirmative action employer with a strong commitment to the achievement of diversity among its faculty and staff. Women and minorities are especially encouraged to apply.

EMPLOYMENT OPPORTUNITIES

To place your free "EMPLOYMENT OPPORTUNITIES" ad in the AEEP Newsletter, please contact (by mail, fax or email):

Chet A. Rock
University of Maine
Dept. of Civil & Environmental Engineering
5711 Boardman Hall
Orono, ME 04469-5711
FAX: (207) 581-1215
Phone (207) 581-2170
EMail - chetrock@maine.maine.edu

NSF Doctoral Traineeships Groundwater Chemistry and Hydrology

Support is available for interdisciplinary doctoral research and training in agricultural engineering, agronomy, civil engineering, chemistry, and geology. The groundwater chemistry and hydrology program is an interdisciplinary program that is organized through the Maryland Water Resources Center. Students choose a home department in which one of the participating faculty reside. Students apply for admission to that department, and they also apply separately for the traineeship program. Trainees are encouraged to develop interdisciplinary curricula. In addition to meeting departmental requirements, trainees will participate in two core courses and in a groundwater chemistry and hydrology seminar to be offered each year.

Trainees will receive a stipend of \$14,000/per year plus full tuition and medical insurance. Traineeships will be renewable in subsequent years, subject to satisfactory progress toward a degree in the speciality area.

Interested students should contact Dr. George Helz, Water Resources Research Center, University of Maryland, College Park, MD 20742, tel. (301) 405-6928 or email gh17@umail.umd.edu. Trainees must have at least a bachelor's degree in a related discipline and must be US citizens.

Women and minority students are encouraged to apply.

**Clean Water - Clean
Environment - 21st Century
Team Agriculture - Working to
Protect Water Resources
Hyatt Regency Crown Center
Kansas City, Missouri
March 5-8, 1995**

Sponsored by:
Working Group on Water Quality
U.S. Department of Agriculture
Coordination by:
ASAE
The Society for engineering in agricultural,
food, and biological systems

Monday, March 6, 1995 - Water Quality Program Accomplishments

Tuesday, March 7, 1995 - Water Quality Challenges

Wednesday, March 8, 1995 - The Future

**50th Annual Purdue Industrial
Waste Conference
May 8-10, 1995
Stewart Center
West Lafayette, IN 47907**

This year there will be five guest speakers, eighty technical papers presented, exhibitors, and poster presentations from current environmental engineering graduate students throughout the United States. If you would like to be put on the mailing list or have questions regarding registration, please contact Cynthia S. Dalton, Purdue University, School of Civil Engineering, 1284 Civil Building, W. Lafayette, IN 47907-1284, or call (317) 494-2194.



REMINDER

Deadline for the April 1995
AEEP Newsletter
is Friday, March 3rd.

**American Chemical Society
210th National Meeting
"Disinfection By-Products and
NOM Precursors:
Chemistry, Characterization,
Control"
August 20-25, 1995
Chicago, Illinois**

The Division of Environmental Chemistry of the American Chemical Society (ACS) is organizing a symposium on disinfection by-products (DBPs) in water treatment and the role of natural organic matter (NOM) in the chemistry of DBP formation and control, for the Fall ACS meeting in Chicago, Illinois, August 20-25, 1995. The objective of this symposium is to provide a chemical perspective on factors affecting the formation of disinfection by-products (DBPs) during water treatment; the kinetics and extent of DBP formation from ozonation, chlorination, and other water treatment disinfectants within treatment plants and distribution systems are in interest. In addition, there is particular interest in papers on the role of NOM in disinfectant/oxidant demand and DBP formation, including papers on isolation and characterization of NOM. Papers on analytical developments in DBP and NOM measurements are also encouraged.

Short abstracts of 150 words or less should be submitted on American Chemical Society abstract forms; the Division also requires simultaneous submission of extended abstracts (up to four single-spaced pages including tables and graphs) prepared according to standard format for inclusion in its extended abstracts book; originals and three copies of each abstract should be transmitted to:

Roger A. Minear
Institute for Environmental Studies
University of Illinois
1101 W. Peabody Drive
Urbana, IL 61801

Short abstract forms and extended abstract format instructions are available through either ACS, Roger Minear (phone 217/333-2503; fax 217/333-8046) or Gary Amy (phone 303/492-6274; fax 303/492-7317).

Abstracts must be received before April 1, 1995.

continued...

World Environmental Congress International Conference and Trade Fair The London Convention Centre London, Ontario, Canada September 17-22, 1995

Technical Program

The WORLD ENVIRONMENTAL CONGRESS covers a board range of environmental science, technology and business topics. The program will include invited lectures, oral presentations, panel discussions and poster presentations.

The Second International Conference on Advanced Oxidation Technologies (AOTs-2) for Water and Air Treatment will be held as part of the WORLD ENVIRONMENTAL CONGRESS.

Call for Papers

Participants interested in presenting their work at the WORLD ENVIRONMENTAL CONGRESS including AOTs - 2 International Conference are invited to submit a one page abstract (approximately 300 words) in English for peer review. Papers will be selected for oral or poster presentation based upon technical merit and relevance to the congress theme.

Conference Chair - Dr. Hussain Al-Ekabi. Correspondence for technical information should be sent to him at the following address: Science & Technology Integration, Inc., U.W.O. Research Park, 100 Collip Circle, Suite 110, London, Ontario, N6G 4X8, Canada, phone (519) 858-5055, fax (518) 858-5056.

Other Conferences...

February 24-26, 1995 New Orleans, Louisiana, The Geoenvironmental 2000 - CONTACT: ASCE Central at 1-800-548-2723.

April 19-21, 1995 Seattle, Washington, Public Works and the Human Environment (APWA) - CONTACT: Engineering Professional Programs, 3201 Fremont Avenue N, Seattle, WA 98103 (206/543-5539 or fax 206/543-2352).

April 23-26, 1995 Salt Lake City, Utah, AWRA Annual Spring Symposium "Water in the 21st Century: Conservation, Demand, & Supply." - CONTACT: AWRA, 5410 Grosvenor Lane, Suite 220, Bethesda, MD 20814-2192 (301/493-8600 or fax 301/493-5844).

May 1-5, 1995 Las Vegas, Nevada, International High-Level Radioactive Waste Management Conference - CONTACT: ASCE, Attn: Natalie Soulier, 1015 15th Street, NW, Suite 600, Washington, DC 20005-2605 (202/789-2200 or fax 202/289-6797).

May 7-10, 1995 Boston, Massachusetts, ASCE Water Resources Planning and Management Annual Conference - CONTACT: ASCE, 345 E 47th Street, New York, NY 10017-2398.

May 14-16, 1995 Kruger N.P., South Africa, International Specialized Conference on River Basin Management for Sustainable Development - CONTACT: Intn'l Spec. Conf. on River Basin Mgmt., Conf. Planners, P.O. Box 82, Irene, 1675 South Africa.

June 8-11, 1995 Denver, Colorado, ASCE Education Conference - CONTACT: ASCE Central at 1-800-548-2723.

June 20-23, 1995 Fredericton, New Brunswick, 48th Canadian Water Resources Association's Conference - CONTACT: Dr. Nabil Elhadi, Environmental Planning & Sciences Branch, NB Environment, P.O. Box 6000, Fredericton, NB E3B 5H1 (506/457-4844).


June 25-28, 1995 Honolulu, Hawaii, AWRA Annual Summer Symposium (An International Symposium) "Water Resources & Environmental Hazards: Emphasis on Hydrologic and Cultural Insight in The Pacific Rim." - CONTACT: AWRA, 5410 Grosvenor Lane, Suite 220, Bethesda, MD 20814-2192 (301/493-8600 or fax 301/493-5844).

July 23-26, 1995 Pittsburgh, Pennsylvania, National Conference on Environmental Engineering - CONTACT: ASCE Central at 1-800-548-2723.

July 25-28, 1995 San Francisco, California, Waterpower '95 - CONTACT: ASCE Central at 1-800-548-2723.

August 14-18, 1995 San Antonio, Texas, International Conference on Water Resources Engineering; International Groundwater Management Symposium; Watershed Management Symposium; and Texas Water '95 - CONTACT: ASCE Central at 1-800-548-2723.

August 14-18, 1995 Brno & Prague, Czech Republic, Second IAWQ Specialized Conference on Diffuse Pollution - CONTACT: Vladimir Novotny, Dept. of Civil & Environmental Engineering, Marquette University, Milwaukee, WI 53233.

November 5-9, 1995 Houston, Texas, AWRA 31st Annual Conference & Symposia "Water Management in Urban Areas, "Advances in Model Use and Development in Water Resources," & "North American Water Resources." - CONTACT: AWRA, 5410 Grosvenor Lane, Suite 220, Bethesda, MD 20814-2192 (301/493-8600 or fax 301/493-5844). 

American Society for Microbiology Audioconference Program

The ASM Audioconference Program is a convenient and cost-effective service that allows clinical microbiologists to keep current in their microbiological knowledge and skills. All that is needed to take part in the Audioconference Program is a speaker phone and one hour of time! Each audioconference consists of a forty minute presentation by an expert scientist and a twenty minute question and answer period. In addition, lecture outlines and valuable supplemental information are provided.

Preliminary topics for the 1995 ASM Audioconferences include: Amplifications of Mycobacteria; Group A Streptococcus Syndrome; Syphilis: Methodology, Sensitivity, and Specificity; C. difficile; Parasites; Rapid Viral I (respiratory); Rapid Viral II (non-respiratory); Anaerobes; Laboratory Safety; Serologic Testing of HIV; Unusual Pathogens I; Unusual Pathogens II; Susceptibility for Fungi; E. Coli 0157; Opportunistic Moulds; Blood Culture; Susceptibility Testing for Veterinary; Non-Fermenters; and Application of Spot Test for Rapid Identification. For more information contact Training Coordinator, Office of Education and Training, ASM, 1325 Massachusetts Avenue, NW, Washington, DC 20005 or fax (202) 942-9329.

Short-Course Sediment Quality Evaluation and Management Sediment Quality Criteria

Objective:

To provide an overview of the various approaches that are being used to evaluate the water quality significance of chemical contaminants in aquatic sediments as they may impact aquatic life-related beneficial uses of waterbodies.

Instructor: G. Fred Lee, Ph.D., P.E., D.E.E.

Dates: February 13-14, 1995 Costa Mesa, CA

April 19-20, 1995 San Francisco, CA

Cost: 30 day advance \$400

Government/Student \$375

Standard \$500

For further information contact: Dr. G. Fred Lee, phone (916) 753-9630 or fax (916) 753-9956.

ORGANIZATIONS OF INTEREST

ASEE Report Calls for Partnerships in Engineering Education

A major ASEE study on engineering education, "Engineering Education for a Changing World," calls for the nation's engineering schools to form new partnerships - with all levels of education institutions, industry and government - to help make engineering education more relevant and attractive to students and more connected to the community.

"Engineering Education for a Changing World" was a joint project of ASEE's Engineering Deans Council and Corporate Roundtable. The ASEE Engineering Deans Council represents the more than 300 colleges of engineering in the United States; the ASEE Corporate Roundtable represents the Society's major corporate affiliates.

The report urges engineering colleges to develop their own mission statement to meet the changing needs of today's society. It also specifies a range of other, related actions for engineering colleges to consider.

Establish a clear individual mission. Engineering schools may decide to emphasize preparing students for traditional engineering careers, offering advanced professional degrees similar to those in law or medicine, or producing university professors and researchers.

Reward faculty to emphasize the school's mission. Besides their traditional teaching and research, engineering professors could be rewarded for working with colleagues in other disciplines, collaborating with industry, developing continuing education programs, working with the community and developing new curricula.

Reshape engineering curricula. Engineering education should teach students the social, economic and political context of engineering, instill communication and teamwork skills and provide motivation to acquire new knowledge. This

process would be facilitated through the information superhighway.

Encourage lifelong learning. Schools must re-think and reshape continuing education programs, with some targeted to business and financial management. Industry should require and pay for courses for their engineering staff.

Reach out to K-12 schools. Since students must make the decision early in secondary school to preserve the option of studying engineering, each engineering school should work with industry to partner with at least one local K-12 school.

Reach out to other disciplines on campus. Engineering students can help students in other disciplines understand the applications of the mathematics and science they are learning. And other disciplines can broaden engineers' outlook. For example, art faculty and students can teach engineers aspects of product design and political science majors can teach the value of issues advocacy.

Collaborate with other engineering colleges and government laboratories. Regional consortia of engineering colleges could share research and teaching laboratories, facilities and even faculty. Similar sharing could take place with national laboratories.

Copies of the report can be obtained through Nicole Michels at (202) 331-3537. Copies are \$5 each for ASEE institutional and individual members and \$7 for non-members.

IAWQ/IWSA Environmental Engineering Education (E³) Specialist Group Call for New Members

For more than a quarter of a century, the Association of Environmental Engineering Professors (AEEP) has effectively served environmental engineering educators in North America. A similar group has now been established in Latin American and is serving environmental engineering educators in that region. It has become clear that environmental engineering educators world-wide would benefit similarly from an international organization established to provide a forum for the exchange of information regarding the education of environmental engineers and scientists. Such an organization is now in place.

The Environmental Engineering Education (E³) Specialist Group was recently created by IAWQ President Thomas Keinath under the auspices of the International Association on Water Quality jointly with the International Water Supply Association. The first meeting of the Joint IAWQ/IWSA E³ Specialist Group was held in Budapest, Hungary on July 26, 1994. Thirty-four members attended this organization meeting, during which time the goals of the group were established.

The Terms of Reference of the E³ Specialist Group were approved as follows:

To promote the exchange of information regarding education in environmental engineering and related fields through newsletters, educational materials, workshops,

specialty conferences and seminars.

To facilitate the exchange of environmental scholars and educators throughout the world.

To organize international academic lecture tours featuring eminent environmental scientists and engineers.

To encourage and nurture collaboration with groups and organizations having similar terms of reference, but with a national or regional scope.

To communicate the activities of the Group within the Group, to the broader body of IAWQ/IWSA and to interested and collaborative groups and organizations.

During the meeting the IAWQ co-chair was elected. He is Professor Paul L. Bishop of the University of Cincinnati, USA. He is a former President of the AEEP in the USA. The IWSA co-chair is Dr. Jan Schippers of KIWA in the Netherlands.


The first charge given to the Group was to begin preparations for a one-day conference on Environmental Engineering Education to be held in Singapore in conjunction with the IAWQ Biennial Conference in 1996. Anyone interested in working on development of the conference or who has ideas as to topics to include should contact Professor Bishop.

Membership in the IAWQ/IWSA E³ Specialist Group is open to anyone interested in environmental engineering education. Membership in IAWQ or IWSA is not required for membership; however, officers must be members of one of the two organizations. There are currently over 180 members of the E³ Group, representing 31 countries. If you would like to join, please provide your name, affiliation, address, phone number, FAX number and email address (if available) to: Dr. Paul L. Bishop, Department of Civil and Environmental Engineering, University of Cincinnati, P.O. Box 210071, Cincinnati, OH 45221-0071, USA, telephone (513) 556-3675, fax (513) 556-2599, oemail - pbishop@boss.cee.uc.edu

AAEE 1995 Kappe Lecturer

The American Academy of Environmental Engineers has announced Dr. Daniel A. Okun, P.E., DEE as the Academy's 1995 Kappe Lecturer. He will be visiting universities for one or two days during the 1995 fall semester.

The objective of the Kappe Lectures is to share the knowledge of today's practitioners with tomorrow's engineers. Dr. Okun has prepared three lectures (To Filter or not to Filter; Water Problems in Asia, Africa, and Latin America; and Water Reclamation and Reuse) and is prepared to present one or all three. In addition, during his stay, Dr. Okun will be available for informal meetings.

For additional information contact: Willeam C. Anderson, P.E., DEE, Executive Director, American Academy of Environmental Engineers, 130 Holiday Court, Suite 100, Annapolis, Maryland 21401, telephone (410) 266-3311 or fax (410) 266-7653. 

Invoice # _____
 Date _____

ASSOCIATION OF ENVIRONMENTAL ENGINEERING PROFESSORS
 Attn: Dr. Desmond F. Lawler
 Department of Civil Engineering, ECJ 8.6
 The University of Texas at Austin
 Austin, Texas 78712

Item #	Title	Member	Non-Mem Price	Quantity	Amount
1	Environmental Engineering Unit Operations and Unit Processes Laboratory Manual, 1988 (Ed.: Suidan)	\$10.00	\$20.00		
2	Aquatic Microbiology Laboratory Manual 1976 (Cooper, et al.)	\$ 7.00	\$ 7.00		
3	Proceedings, Sixth Conference on Environmental Engineering Education (Aug, 1991, Corvallis, OR)	\$12.00	\$ 12.00		
4	Fundamental Research Directions for Environmental Engineering (Proceedings of the Nov., 1988 AEEP/NSF Conference)	\$ 8.00	\$16.00		
5	Register of Environmental Engineering Graduate Programs (1993 Edition)	\$25.00	\$40.00		
6	So You Want to Be an Environmental Engineer? OUT OF PRINT	\$.50	\$.50		
7	AEEP Computer Manual (Ed.: Crittendon)	\$20.00	\$40.00		
8	AEEP Diskette (Set of 5 Discs)	\$10.00	\$20.00		
9	AEEP - 25 Years (Hendricks/Baumann)	\$10.00	\$20.00		

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1-4 7-9	1-3 volumes @ \$2.50; 4-6 @ \$5.00; 7-9 @ \$7.50; each additional 5 @ \$2.50	
5	1 vol. \$4.00; 2 for \$8.00; 3 for \$12.00; each additional 3 @ \$4.00	
6	1-2 @ \$.50; 3-10 @ \$1.00; 11-25 @ \$2.00 each additional 25 @ \$1.00	
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Prepayment required. Please forward a check or money order payable to **AEEP** to the above address. (Please **do not** make check to The University of Texas.)

APPLICATION FOR MEMBERSHIP

in the
Association of Environmental Engineering Professors

Name _____

Official Title _____ Department _____

Business Address _____ Tel. _____

Home Address _____ Tel. _____

e-mail _____ Fax _____

Applying for: Membership Status Rank: _____

Affiliate Status

Student Status

PLEASE ATTACH BRIEF (1-3 page) CURRICULUM VITAE

Ordinarily, dues are payable to the Association on January 1. The AEEP annual dues, prorated for the first year according to the date of application, is shown below.

INITIAL DUES PAYMENT: BASED ON STATUS, RANK AND DATE OF APPLICATION

RANK/STATUS	1 Jan. -	1 Apr. -	1 July -	1 Oct. -
	31 Mar.	30 June	30 Sept.	31 Dec.
Professor	\$65.00	\$48.75	\$32.50	\$16.25
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Please return this form along with your dues, c.v., and Directory Data form to:

JoAnn Silverstein
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University of Colorado
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Boulder CO 80309-0428

Enclosed are my AEEP dues in the amount of: US \$ _____

Signature _____

Date _____

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