

Donna Kostka and husband, Floyd Reichman, just returned from a month in Alaska, including wilderness experiences north of the Arctic Circle. They have slides and love to show them.

California Chapter (CalNAEP)

On May 22, 1999 the California Chapter of NAEP (CalNAEP) joined members of the Central Coast Chapter of the Association of Environmental Professionals (AEP) for a double header tour of Pacific Gas & Electric's (PG&E's) Diablo Canyon Nuclear Power Plant and Unocal's Avila Beach Remediation Project.

Diablo Canyon is a 2,200 Megawatt power plant that serves approximately 10% of California's population (i.e., 2 million people). After an introduction at the Visitor Center, PG&E's senior biologist lead the tour through the facility's Biology Laboratory. The Biology Lab was originally built for thermal effects and biofouling control studies; however, now it is being used as an educational facility. Tour participants had an opportunity to handle many interesting marine specimens in the "touch tank" including sea cucumbers, sea stars, swell shark egg cases, rock fish, crabs, eels, urchins and abalone. The tour also included seeing the Control Room Simulator and Turbine Building. Before entering the Turbine Building everyone had to pass through a "search train" and then were equipped with safety goggles, and specially designed hard hats with hearing protection and built in walkie-talkies. Following the 4-hour technical tour everyone had lunch at a restaurant in Port San Luis Harbor.

The afternoon tour of Unocal's Avila Beach Remediation project was led by CalNAEP President John Baum, who is the Project's Compliance Manager. The tour began on the hillside above San Luis Obispo Bay overlooking the town of Avila Beach. The Project's Archaeologist gave a fascinating history of the area, which began with the Chumash approximately 9,000 years ago. The tour then got next to the remediation site and was able to see the fast-track "train approach" of excavating petroleum contaminated soil (mostly below the groundwater table), dredging, skimming, sampling, and backfilling within a construction

cell enclosed by sheetpile. Another unique aspect of the Project is that the remediation is occurring within a popular coastal tourist town that still has residents living in close proximity. In order to ensure public safety the Project has a Community Monitoring Team (CMT) that monitors volatile air emissions, dust, and odor. The CMT's Project Manager gave a presentation of how air emissions are monitored from fixed monitoring stations, a mobile van, and hand-held instruments. For more information on the Avila Beach Remediation Project go the Project's web site at <www.projectavila.com>.

To start the new millennium CalNAEP and AEP will be co-sponsoring a statewide environmental conference May 22-24, 2000 in Santa Barbara. Santa Barbara, which helped spark the environmental movement with the first Earth Day 30 years ago is also the birthplace of both NAEP and AEP. This landmark conference will feature Jean-Michel Cousteau as the keynote speaker, a private dinner and tour of the Santa Barbara Zoological Gardens, three field trips, and an opportunity to tour an offshore oil well with a helicopter shuttle. For more information on the CalNAEP/AEP conference go to <www.califaep.org/santabarbara>.

Rocky Mountain Association of Environmental Professionals (RMAEP)

Nanci Hilton with TranSystems in Denver has agreed to become the new Rocky Mountain Chapter Representative to the NAEP Board of Directors. The Directors for the Chapter are spread over the Rocky Mountains and are looking for ways to have effective meetings. One consideration is to have activities on a more localized basis. A member in Phoenix, Mike Collins, is interested in organizing activities and increasing membership. Carl Eriksson (clerikso@sprynet.com), President of RMAEP, is interested in hearing from other professionals in the Rocky Mountain area that are interested in getting involved at a more local level.

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New NAEP Members

Lee Wilson, Dixie Labs, AL
Michael Collins, Engineering & Environmental Consultants, AZ
James Tress, Jr., Westland Resources Inc., AZ
Laurie McClenahan, MHA Environmental Consulting Inc., CA
David Roland, ESTC, CA
Thomas Engels, Jones & Stokes, CA
Russell D'Hondt, CA
Michael Beck, CA
Brian Farris, CA
Junko Peterson, MIG, Inc., CA
Christine Kook, Laughing Creek, CA
Charles Williams, Themis Corp, CA
Richard Muhl, D-Max Engineering, CA
Robert Carson, City of Thousand Oaks, CA
John Mahoney, Mahoney Environmental, CO
Terry Garner, Environmental Site Assessment, LLC, CO
Karen Lusby, CO
Melissa Bondi, NRCA, DC
Barbara Britton, IRG, DC
Paul DeVane, FL
Chris Roelandts, Environmental Services Inc., FL
Edward Domanico, FL
Jeremy Craft, FL
Nancy Gassman, Broward Co. DPEP, FL
Judith Enzor, American Ecology Group, Inc., FL
Carlton Marchman, Hussey, Gay, Bell & DeYoung Environmental Inc., GA
Todd Bloodsworth, Q. L. Environmental, IA
George Benda, Chelsea Group, IL
John Wanska, IL
Howard Nevins, American Enviro Services, IN

Richard Baker, KS
 Tobias Schroeder, KS
 Nat Campbell, III, P & D Solutions Corporation, KY
 Latonia Viverette, Orleans Parish School Board, LA
 Keith Sampson, SRP Environmental LLC, LA
 Mark Soticheck, ENCON, MA
 John Simpson, MA
 Gregory Wirsen, Green Seal Environment, MA
 Judi Durda, The Weinberg, MD
 David Blaha, ERM, MD
 Reo Menning, MD
 Michael McCarley, Roy F Weston Inc., MD
 Sigmund Schutz, Preti, Flaherty, Beliveau, Pachios, Haley, ME
 Cory Scott, Natural Resource Group Inc., MN
 M. Travis Blake, Blake & Associates, Inc., NC
 A. Barry Nelson, ETPA, NC
 Michael McCoy, NC
 Tony Bell, Jr., NC
 Larry George, Marshall Miller & Associates, NC
 Arvid Thomsen, HDR, NE
 Craig Danielson, Danielson Inc., NE
 Jeffrey Dey, RCC, NJ
 Timothy Gallagher, Enviroprobe Service Inc., NJ
 Bruce Wilcox, PBS & J, NV
 Scott Leard, Leard Environmental Services Inc., NY
 Shemon Singer, Singer Environ, NY
 Sandra Basham, The Sherwin-Williams Co., OH
 Laura Lyden, JLT Research, OH
 Ilda Hershey, Oklahoma State University, OK
 Rebecca Lindenmeyr, Booz-Allen & Hamilton Inc., PA
 Karen Stadnik, PA
 Charles Niclaus, Niclaus Engineering Corporation, PA
 Edward Oswald, Wetland & Environmental Services Inc., SC

Susan Guthrie, Wetland & Environmental Services Inc., SC
 Peter Gerace, Wetland & Environmental Services Inc., SC
 Pamela McIntyre, Wetland & Environmental Services Inc., SC
 New Kirk Environmental, SC
 Earline Lagueruela, S&C Advertising & Public Relations, TX
 Lester Walters, Jr., Two Wells Consulting Inc., TX
 Jerry Stiles, Consultants, Inc., TX
 Juan (John) Flores, Jr., TX
 Louis Esposito, Spectra Environmental, Inc., TX
 Angela Eaton, MFG Inc., TX
 David Bascom, ABB Randall Corporation, TX
 Phillip Tennison, TX
 John Foster, TX
 Steven Dillard, Environmental Consultant Services, Inc., TX
 Joseph Bowar, TX
 Tammala Tennison, TX
 Richard Jones, Jones/Smith Environmental Services Inc., TX
 Jerry Rose, Pacific West, UT
 Clinton Dudley, Earth Care Corp, VA
 Kathleen Cardamone, Booz-Allen & Hamilton, VA
 Jason Erwin, VA
 Diane Clark, Booz-Allen & Hamilton, VA
 Amanda Reynolds, VA
 Bruce Sigurdson, WECEI, VA
 Stephen Matney, W. L. Black & Assoc. Env. Services, VA
 Mark Anderson, Stateside Associates, VA
 William Beckley, WA
 Allan Roberts, NEETC, Inc., WV

Upcoming NAEP Board Meetings

March 24–25, 2000, Denver, Colorado
 June 25–29, 2000, Portland, Maine
 September 15–16, 2000, Seattle, Washington

Upcoming NAEP Conferences

June 25–29, 2000, Portland, Maine
 June 2001, Washington, DC
 June 2002, Reno, Nevada

Introducing the Concept of Accepting Environmental Technicians into NAEP

At the September 1999 NAEP Board meeting, the Board agreed to appoint a committee to examine the implications of welcoming Environmental Technicians into the Association.

The committee, which will tentatively report its findings at the December 1999 meeting, will look to identify problems and advantages of bringing in technicians and thus representing the entire field, rather than, as it has until now, limiting its membership to professionals.

Using a set of criteria as guides, the committee will attempt to satisfy those issues, at which time they will present both problems and potential solutions for the Board's approval.

ABCEP Incorporated

On August 30, 1999, the Academy of Board Certified Environmental Professionals (ABCEP) was incorporated in Washington, DC. The incorporation comes after many years of discussions between the NAEP Board of Directors and the Certification Review Board of ABCEP. As a newly formed corporation, the Board of Trustees for ABCEP has elected an interim slate of officers to lead ABCEP into its new journey. Those officers are: Dr. Richard Kramer, CEP, Chairman; Dr. Thomas Cuba, CEP, Vice-chairman; Michael Herbaugh, CEP, Treasurer; and Craig Stanley, Secretary.

ABCEP will hold its first regular meeting during the annual NAEP conference in

Portland, Maine, in June. The Board of Trustees plans on developing operating processes for ABCEP and board selection processes prior to that meeting and insuring that all members (CEPs) of ABCEP are informed of those processes. The Board of Trustees reappointed the Certification Review Board (CRB) and reappointed Dr. Robert Michaels as the CRB Chairman. All CEPs are encouraged to contact the ABCEP Board of Trustees or officers and express their views or desires for participation in ABCEP.

The Board of Trustees are: Audrey Binder, Thomas Cuba, John Daugherty, Kara Downey, Michael Herbaugh, Gary Kelman, Richard Kramer, Robert Michaels, James Spangler, Ravi Srinivas, and Craig Stanley.

NAEP congratulates ABCEP on its incorporation and strongly endorses the Certified Environmental Professional credential that ABCEP offers.

EPA Scientist Awarded Fulbright

Dr. Robert T. Lackey, Associate Director for Science at the US Environmental Protection Agency (EPA) laboratory in Corvallis, Oregon, has been selected as a 1999–2000 Fulbright Scholar.

An internationally recognized authority on the links between ecological science and public policy, Lackey will continue his research and study during a six-month Fulbright tenure at the University of Northern British Columbia (UNBC) in Prince George, British Columbia. He will also teach a graduate-level course at UNBC on ecological science and policy.

Lackey's research focuses on ecosystem health, ecosystem management, and ecological risk assessment—specifically studying current ecological policy issues to identify the exact type of scientific information needed by decision makers. EPA and other organizations have recognized that many of today's environmental problems cannot be solved through the traditional command and control approaches that address only

air or water or solid waste in isolation. The most important ecological concerns facing the nation today are not isolated threats to the environment, but large-scale, often subtle stressors such as immense changes in land use, vast hydrologic modification of watersheds, widespread introduction of exotic or alien species and their resulting ecological consequences, climate change and all of its ecological ramifications, and the ecological repercussions of decreasing biological diversity.

The Fulbright American Scholar Program annually supports nearly 700 American scholars and professionals for study in more than 100 countries, where they lecture or conduct research in a wide variety of academic and professional fields, ranging from art history to zoology. The Fulbright Program established in 1946 under Congressional legislation introduced by former Senator J. William Fulbright of Arkansas, is considered the US government's flagship international exchange program. It is designed to increase mutual understanding between the people of the United States and those of other countries.

See the September 1999 issue of *Environmental Practice* for Dr. Lackey's commentary, "The Savvy Salmon Technocrat: Life's Little Rules."

Conferences

International Association for Impact Assessment, 20th Annual Meeting
Theme: Back to the Future
June 19–23, 2000, Hong Kong
To be held at the Hong Kong Convention & Exhibition Centre; will include courses, special sessions, workshops, and technical visits. Contact IAIA Executive Office, 1330 23rd Street South, Suite C, Fargo, ND 58103 USA; (phone) 701-297-7908; (fax) 701-297-7917; (e-mail) info@iaia.org (web) www.iaia.org

Envirosoft 2000
June 28–30, 2000, Bilbao, Spain
Development and application of computer techniques to environmental studies. Organized by the Wessex Institute of Technol-

ogy, UK and University of Basque Country, Spain. Contact Karen Savage: (phone) 44 0 238 029 3223; (fax) 44 0 238 029 2853; (e-mail) ksavage@wessex.ac.uk

EURO Environment 2000
October 18–20, 2000, Aalborg, Denmark
Visions, strategies and actions towards sustainable industries. Abstracts due February 15, 2000. Contact the Aalborg Congress & Culture Centre, EURO Environment secretariate, Else Herfort and Steffen L. Thomsen, PO Box 149, DK-9100 Aalborg; (phone) 45 99 35 55 55; (fax) 45 99 25 55 80; (e-mail) euro@akkc.dk

Books & Resources

Agroforestry in Sustainable Agricultural Systems (Advances in Agroecology), 1998, L. E. Buck, J. P. Lassoie, E.C.M. Fernandes (Eds.), Lewis Publishers, 400 pp., \$69.95 hardcover.

Anarchy and the Environment: The International Relations of Common Pool Resources, 1999, J. S. Barkin & G. E. Shambaugh (Eds.), State University of New York Press, 205 pp., \$54.50 hardcover, \$17.95 paperback.

Basic Concepts in Environmental Management, 1999, K. M. MacKenthun, Lewis Publishers, 176 pp., \$49.95 hardcover.

Biodegradation and Bioremediation, Second Edition, 1999, M. Alexander, Academic Press, San Deigo, 453 pp.

Consilience: The Unity of Knowledge, 1998, E. O. Wilson, Alfred A. Knopf, New York, 332 pp.

Contaminated Forests: Recent Developments in Risk Identification and Future Perspectives, 1999, I. Linkov & W. R. Schell (Eds.), Kluwer Academic Publishers, 448 pp.

Cool Companies: How the Best Businesses Boost Profits and Productivity by Cutting Greenhouse Gas Emissions, 1999, J. J. Romm, Island Press, 277 pp., \$24.95 hardcover.

Ecological Education in Action: On Weaving Education, Culture, and the Environment,

1999, G. A. Smith & D. R. Williams (Eds.), State University of New York Press, \$59.50 hardcover, \$19.95 paperback.

Eco-Pragmatism: Making Sensible Environmental Decisions in an Uncertain World, 1999, D. A. Farber, University of Chicago Press, 224 pp., \$23 hardcover.

EHSfreeware.com, resource for free environmental, health and safety (EH&S) software packages, databases, and interactive information resources, contact Elizabeth Donley, Donley Technology: (phone) 804-224-9427; (e-mail) edonley@donleytech.com; (web) www.EHSfreeware.com

Emergence of the Environmental Profession, 1999, Sherman J. Rosen, \$19.00 paperback (including tax and shipping), \$18 each for 4 or more: SJR Press, 207 Cypress Lane, Oldsmar, FL 34677; (phone) 727-787-5231; (fax) 727-789-9256

Encyclopedia of Environmental Science, 1999, D. E. Alexander & R. W. Fairbridge (Eds.), Kluwer Academic Publishers, 741 pp., \$480 hardcover.

Environmental Cancer—A Political Disease? 1999, S. R. Lichter & S. Rothman, Yale University Press, New Haven, 235 pp.

The Environmental Crisis, 1999, M. A. Santos, Greenwood Press Guides to Historic Events of the Twentieth Century, Westport, CT, 250 pp.

Environment Statistics: Analysing Data for Environmental Policy (Novartis Foundation Symposia), 1999, V. Barnett, John Wiley & Sons, 292 pp., \$125 hardcover.

EUROTRAC 98: Transport and Chemical Transformation in the Troposphere, Volumes 1 & 2, 1999, P. M. Borrell & P. Borrell

(Eds.), WIT Press, 1808 pp: (phone) 978-667-5841; (web) www.compmech.com or www.witpress.com

Evaluation of Guidelines for Exposures to Technologically Enhanced Naturally Occurring Radioactive Materials, National Research Council, National Academy Press, Washington, DC, 281 pp.

Handbook of Global Environmental Policy and Administration, 1999, D. L. Soden & B. S. Steel (Eds.), Marcel Dekker, Inc., New York, 840 pp.

Health Effects of Exposure to Radon, 1999, National Research Council, National Academy Press, Washington, DC, 500 pp.

Industrial Environmental Performance Metrics: Challenges and Opportunities, 1999, National Academy of Engineering, National Academy Press, Washington, DC, 252 pp.

Managing the Environment, Managing Ourselves: A History of American Environmental Policy, 1999, R.N.L. Andrews, Yale University Press, 416 pp., \$30 paperback.

The Market and the Environment: The Effectiveness of Market Based Policy Instruments for Environmental Reforms, 1999, T. Sterner (Ed.), Edward Elgar Publishers, \$80 hardcover.

The National Environmental Policy Act: An Agenda for the Future, 1999, L. K. Caldwell, Indiana University Press, 272 pp., \$29.95 hardcover.

OilTrack, oil spill trajectory simulation software, WIT Press, \$1490 (\$375 for Oil-Track Starter Pack): (phone) 978-667-5841; (fax) 978-667-7582; (e-mail) cmina@ix.net.com; (web) www.compmech.com

Politics and the Environment: From Theory to Practice, 1999, J. Connelly, G. Smith, Routledge, 336 pp., \$25.99 paperback.

Preserving Yellowstone's Natural Conditions: Science and the Perception of Nature, 1999, J. A. Pritchard, University of Nebraska Press, Lincoln, 370 pp.

Protecting Public Health and the Environment: Implementing the Precautionary Principle, 1999, C. Raffensperger & J. Tinker, Island Press, Covela, CA, 350 pp., \$30 paper.

Refugees, Environment and Development, 1998, R. Black, Addison Wesley Longman Limited, Essex, UK, 229 pp.

State of the World 1999: The Millennium Edition, 1999, L. R. Brown, C. Flavin, H. F. French, L. Starke, W. W. Norton & Company, 259 pp., \$13.95 paperback.

Valuation and the Environment: Theory, Method, and Practice (Advances in Ecological Economics), 1999, M. O'Connor & C. L. Spash (Eds.), Edward Elgar Publishers, \$95 hardcover.

Waste and Want: A Social History of Trash, 1999, Susan Strasser, Metropolitan Books, 355 pp., \$27.50 hardcover.

Wildlife and the American Mind: Public Opinion On and Attitudes Toward Fish and Wildlife Management, 1998, M. D. Duda, S. J. Bissell, & K. C. Young, Responsive Management, 804 pp.

Editors' Note: If you would like to review one of these books or other resources, contact the editorial office: (phone) 360-866-6000 ext. 5955; (e-mail) frenchca@evergreen.edu

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