Beahrs Environmental Leadership Program

summer certificate course in Sustainable Environmental Management
June 28–July 19, 2013

PROGRAM DIRECTORS
Robin Marsh and David Zilberman
The 3-week certificate course offers a series of interdisciplinary workshops on topics in environmental leadership, management and policy with a focus on innovation and collaboration. Workshops are facilitated by UC Berkeley faculty and non-academic experts from the greater San Francisco Bay Area. Training methods include lectures, small group exercises, role play simulations, debates, participant case studies, panels and presentations, and open space sharing.

A visit to the South Bay Salt Pond Restoration Project during the 2012 Central Coast field trip.

"The well-designed workshops and thematic groups facilitated by highly inspiring UC Berkeley faculty, whose conviction and passion on the state of the environment has no doubt, provoked us to become more active champions in our own particular fields of endeavor. I am truly grateful to now be a part of a network of environmental professionals whose knowledge and resources will help me pursue a more purposeful leadership in the environment."

Ramon de Mesa, Global Environment Facility, Philippines/USA

The curriculum is enhanced by field trips that showcase California's groundbreaking responses to diverse agricultural, natural resource and urban environmental challenges:

- Capay Valley in Yolo County (diversified farming and marketing systems);
- Central Coast ("ridge to reef" coastal management, intensive horticulture, sustainable fisheries);
- Berkeley & San Francisco Bay Area ("green" urban planning and entrepreneurship);
- UC Berkeley Botanical Garden (remote sensing tools, habitat & water quality monitoring).

"The most memorable field trips were to the South Bay Salt Pond Restoration project and the central coast of California. They were enriching, professional, and exposed me to the practical reality of integrated landscape/seascape conservation and development approaches. I liked most the business model being used at ALBA (Agriculture Land-Based Assoc.) as it empowers the farm workers and when they develop their wings to fly (capacity), they start their own farms. This is a classic example of sustainability."

Simon Akwetaireho,
The Jane Goodall Institute, Uganda

Purpose

The ELP at Berkeley is designed for mid-career development and environmental practitioners who are challenged to solve complex cross-sectoral environmental problems. They come from nonprofit and community-based organizations, applied research and education institutions, government, international agencies, and the business sector. ELP summer training provides participants with a unique opportunity to interact with UC Berkeley, as well as their global peers, to access new information and tools, share practical experiences, and develop collaborative leadership skills. Participants are continually challenged to meet environmental goals with solutions that also reduce poverty and social conflict.

Summer course participants:

- learn to integrate interdisciplinary knowledge and analyze trade-offs to solve global and local environmental problems;
- explore innovative policies, technologies and institutions that promote sustainable livelihoods and environments;
- strengthen skills in communication, collaborative leadership and facilitating multi-stakeholder processes; and
- experience cross-cultural and cross-sectoral learning from peers around the world.
Workshop Topics*

POLICIES FOR SUSTAINABLE DEVELOPMENT. Understand the principles of environmental policy-making and trade-off analysis with respect to food, fuel and biodiversity. Learn to identify different economic instruments, including life-cycle analysis, policy options and market strategies for solving complex environmental problems such as climate change, degradation of ecosystem services, and renewable and non-renewable resource scarcity. Learn methods to assess demand for environmental amenities and develop strategies to implement change.

LEADERSHIP FOR COLLABORATIVE CHANGE. Learn self-awareness and communication skills for effective leadership. Discuss diverse styles of leadership and becoming agents of change. How can you “market” the change you want to see? How can you facilitate communities to be more powerful? Learn the latest approaches and tools for collaboration, conflict management, and facilitation of multi-stakeholder processes.

IMPACT ASSESSMENT AND QUANTITATIVE ANALYSIS. Introduction of methods to evaluate and compare the impact of environmental, development, and public health policies. Learn how to design experiments to quantify the impacts of policy interventions and how to look for and use available data to assess effectiveness of natural resources and poverty alleviation policies.

SUSTAINABILITY DIALOGUE. Explore the meaning of sustainability in a complex, ecologically constrained world. Understand the relationships between sustainability, eco-literacy and eco-design, and the systemic nature of world problems. Discover the power of social networks for achieving social and planetary change.

POPULATION, POVERTY/WEALTH & THE ENVIRONMENT. Understand global and regional demographic dynamics and conceptual frameworks linking population, reproductive health, gender, poverty/wealth and the environment. Learn successful community-based approaches for integrating population issues with natural resource management and promotion of sustainable livelihoods.

RESOURCES & SUSTAINABLE LIVELIHOODS. Discuss current technologies, institutions and policy approaches that jointly promote sustainable livelihoods and conserve natural resources, including collaborative multi-stakeholder platforms, ecoagriculture, REDD+ multi-use landscapes, GIS tools for community-based resource monitoring, and “green” urban planning. Workshop covers three major issues: 1. Working Landscapes and Biodiversity Conservation; 2. Climate Change Science, Mitigation & Adaptation; 3. Water Governance, Monitoring & Management.

MITIGATION OF AND ADAPTATION TO CLIMATE CHANGE. Understand the likely impacts of climate change and alternative strategies for adaptation and mitigation. Risk management and assessment methods including international agreements and domestic initiatives, renewable energy, and transition to a green economy.

* Some workshops will be conducted as parallel sessions. Program is adapted to the composition and needs of the participants.
Summer certificate course: Sustainable Environmental Management, June 28-July 19, 2013

Applications must be received by Monday, January 14, 2013. Online application strongly preferred. E-mail applications to beahrselp@berkeley.edu or FAX to (510) 643-4483.

PERSONAL INFORMATION

Check one: Mr. □ Ms. □ Mrs. □ Dr. □ Full name: ___________________________ Date of Birth (MOS/DAY/YR) ___/___/____

Permanent Address ___________________________ Phone/Mobile ___________________________ Fax ___________________________________________

Male □ Female □

Full name: ___________________________________________________________ Date of Birth (MOS/DAY/YR) ___/___/____

Skype ___________________________________________ Email ___________________________________________

EMPLOYMENT

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EDUCATION

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Professional Discipline (Ex. Economics, Zoology, etc.): ___________________________

Specialty (Ex. Environmental Economics, Wildlife Management, etc.): ___________________________

Professional Development: (Training, awards, associations, etc.): ___________________________

REFERENCE

Provide the name, address and phone number of a senior member of your organization from whom you are requesting a letter of reference. Letters should evaluate your professional work and highlight potential benefits from your participation in the course.

A copy of the signed letter must be sent by email (beahrselp@berkeley.edu) with the signature clearly scanned or by fax.

Name: ___________________________ Title: ___________________________

Address: ___________________________ Email or Fax: ___________________________

PERSONAL STATEMENT

As part of your application, please answer the following questions, limiting your responses to 250 words per question (750 words total).

1. Describe your current work responsibilities. For what kinds of activities, operations and decisions are you directly responsible?

2. What are the two or three most important environmental issues or challenges you are currently addressing in your work? What skills will you need to better manage these challenges?

3. What do you hope to gain by participating in the international ELP training course?

FINANCIAL INFORMATION

The ELP at UC Berkeley has resources to offer a limited number of partial scholarships. The program is unable to offer any full scholarships. Each accepted applicant is responsible for seeking his/her own funding from government, employers, sponsors or other funding institutions to cover the course fees, visa costs, all travel expenses, and personal travel insurance. In addition, we ask you to bring approximately $400 for meals and exploration on your 'free' evenings. If funding is confirmed, please attach letter of support from the funding organization.

Are you seeking a partial scholarship from the ELP? Yes □ No □

SUBMITTING APPLICATION

ALL of the following are due by Monday, January 14, 2013:

1. This APPLICATION FORM filled out and signed, with your signature clearly visible. A scanned signature is acceptable.

2. Your PERSONAL STATEMENT: Answer all 3 questions (maximum 250 words per question).

3. The signed LETTER OF REFERENCE. This may arrive separately. A scanned signature is acceptable.

4. Signature of Applicant: ___________________________ Date: ___________________________

Print Name: ___________________________

Please submit your application online (http://beahrselp.berkeley.edu). If you are unable to do this, you may send your application and personal statement as email attachments to: beahrselp@berkeley.edu. Receipt of emailed/faxed applications will be acknowledged.
ELP training at UC Berkeley will benefit interdisciplinary practitioners who are leading efforts to bridge environment and poverty reduction. Visit the website to see a full listing of past participants and their organizations.

Participants must fulfill the following requirements:

- proficiency in English to allow full participation in course discussions;
- a résumé that demonstrates strong professional experience and leadership potential;
- affiliation with an institution concerned with environmental management/sustainable development; and
- successful and timely completion of the application, including required attachments.

The course fee is US$8,000. This fee covers the costs of instruction, housing, most meals, course materials and field trips, certificate, and travel insurance if needed. In addition, participants are responsible for their own travel arrangements and for covering approximately US$400 in additional meals and incidentals. See the application form for more details on financial information.

“International sharing of experiences among ELP peers was great!! I discussed many topics, including my own research with many of them and I think that the interaction was really enhancing. I think we will be able to collaborate in the very near future. In fact, I think that joining people with such expertise is one of the great aspects of the ELP program.”
— Armando Sanchez, National Autonomous University of Mexico, Mexico

Benefits

- UC Berkeley certificate in Sustainable Environmental Management.
- Enhanced capacity to develop and apply solutions that balance environmental, economic and social equity objectives;
- Strengthened skills for communicating ideas, managing conflict, facilitating multi-stakeholder processes and leading social change.
- Lifetime membership in the global Berkeley ELP Alumni Network, eligibility to apply for small grants, and a continuing learning relationship with the University of California.

Accommodations on the UC Berkeley Campus

The Foothill Residence Hall, at the northeast corner of the UC Berkeley campus, offers simple, modern, clean dormitory rooms surrounded by trees and overlooking spectacular views of the Bay Area. Housing is single occupancy. Bath and living areas are shared with participants of the same gender. A self-service computer center, dining facilities, laundry, and other amenities are on site. Classrooms, shops, restaurants and public transportation are nearby.

Cost

“The field trip to Moss Landing to learn about the Blanco Drain Wetlands Project in the Salinas Valley was highly relevant to my work. The creative arrangement between farmers, researchers and others to solve nutrients could be one model to better manage nutrient loadings from agricultural lands into the Great Lakes and their tributaries.”
— Victoria Pebbles, Great Lakes Commission, USA

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— Ibrahim Abu-Bakarr, Njala University, Sierra Leone

Participants & Requirements

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"I am proud of being an ELP family member...a unique international platform of sharing experiences and perspectives that have enriched and reminded me that successes and failures depend largely on qualitative facilitation and leadership. I am keen to promote further this valuable knowledge and insightful information in my field of work in mitigating social, economic, and environmental externalities of local and national developments through an integrated approach to agroecology, health, population and environment."

— Norman Jiwan, Sawit Watch, Indonesia

“...I think that the international sharing with all the participants was spectacular! Everybody not only had knowledge but also a lot of human quality which made the course and sharing just very valuable.”

— Maria Esther Arrien, Repsol YPF E & P Bolivia S.A., Bolivia

**Beahrs ELP Advisory Board**

Tony Barclay  
Adjunct Professor, Georgetown and Columbia University  
Former CEO, Development Alternatives Inc.

Richard Beahrs  
Senior Advisor, Revolution Foods

Susan Carpenter  
Susan Carpenter and Associates

Claire Kremen  
University of California, Berkeley

Robin Marsh  
University of California, Berkeley

Vince Resh  
University of California, Berkeley

David Roland-Holst  
University of California, Berkeley

David Zilberman  
University of California, Berkeley

**Contributing Faculty**

- Miguel Altieri  
  Agroecology

- Maximilian Auffhammer  
  Environmental Economics/Climate Change, Econometrics

- Justin Brashares  
  Wildlife Conservation/Protected Areas

- Martha Campbell  
  Population/Reproductive Health

- Fritjof Capra  
  Systems Theory/Ecoliteracy

- Susan Carpenter  
  Conflict Management

- Louise P. Fortmann  
  Rural Sociology

- Lynne Gaffikin  
  Epidemiology

- J. Keith Gilless  
  Economics/Forest Management

- Alain de Janvry  
  Development Economics

- Dan Kammen  
  Renewable Energy/Climate Change

- Claire Kremen  
  Conservation Biology/Biodiversity

- Robin Marsh  
  Agricultural/Socio-Economics

- Kara Nelson  
  Environmental Engineering/Water Quality

- Dara O’Rourke  
  Environmental Justice

- Matthew Potts  
  Forest Health/Population Studies

- Isha Ray  
  Water/Common Property Management

- Vince Resh  
  Aquatic Ecology

- David Roland-Holst  
  Globalization and Food Security

- Jeffrey Romm  
  Forest/Environmental Policy

- Ananya Roy  
  Regional Planning/Global Poverty

- Sofia Berto Villas-Boas  
  Environmental Regulation/Consumer Behavior, Food Policy

- Mathis Wackernagel  
  Sustainability Science/Ecological Footprint

- David Zilberman  
  Agricultural/Env Economics

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**E L P Alumni Networking**


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**Contact**

For more course information and for other related programs, visit:  
[http://beahrselp.berkeley.edu](http://beahrselp.berkeley.edu)

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For more details on the course, please visit:  
[http://beahrselp.berkeley.edu](http://beahrselp.berkeley.edu)