

MONIQUE M. MIKHAIL

(617) 894-5235

moniquemikhail@gmail.com

EDUCATION

UC-Berkeley - Beahrs Environmental Leadership Program

Berkeley, CA

Summer Certificate Course - Sustainable Environmental Management, 2008

Tufts University - Friedman School of Nutrition Science and Policy

Boston, MA

M. S. in Agriculture, Food, and the Environment, May 2006

Sustainable Development Focus / Water Resources Concentration

Cumulative Grade Point Average: 3.87 / 4.00

Purdue University

West Lafayette, IN

B. S. in Agricultural and Biological Engineering, May 2000

Food Process Engineering Focus with a Minor in International Studies

Dean's List 1995-2000

Study Abroad in Dominican Republic, 1999; Study Abroad in Australia, 1998

EXPERIENCE

Stockholm Environment Institute

Boston, MA

Staff Scientist, present

- Developing and calibrating a hydrologic WEAP model of a Wyoming watershed to synchronize with a biological response model and determine the effects of climate change on invasive species.
- Analyze the impacts of agricultural water management (AWM) technologies utilizing the sustainable livelihoods framework; compile monitoring and evaluation techniques for AWM.
- Coordinate the social science and WEAP modeling components of an urban water analysis project for Phnom Penh, Cambodia.

International Development Enterprises

Denver, CO

Knowledge Management Coordinator, 2008

- Created new knowledge management function within the organization.
- Worked closely with Monitoring and Evaluation Coordinator, Capacity Building Coordinator, and Project Manager of multi-country multi-function program to draw out, synthesize, and disseminate best practice within the IDE approach and mission.
- Strengthened collaboration across IDE to ensure that research/evaluation (M&E and R&D) and program design mutually reinforce one another.
- Coordinated Environment Task Force; created IDE Environment Statement and Guidelines; worked with consultant to create EIA tool for country offices.
- Represented IDE with international partners on MUS.

Technical Writer/Research Analyst, 2007 - significant time in Nepal and India

- Created strategy for action research on MUS projects in Nepal and India according to project deliverables.
- Coordinated with the International Water Management Institute and the International Water and Sanitation Center for global MUS project outcomes.
- Conducted interviews and group meetings with multiple stakeholders including rural communities, project staff, NGO partners, and government bodies including the Department of Agriculture, Department of Irrigation, Department of Water Supply and Sanitation, Department of Local Development, etc. in both Nepal and India.
- Analyzed outcomes of and wrote reports on the Learning Alliance approach and potential for MUS scale-up, the implementation process and best practices, appropriate technologies and their applicability, and case studies depicting various aspects of MUS implementation.
- Managed process of documenting IDE water control technologies in Nepal and India. Outputs included catalogue sheets, technical guidelines, operation manuals, posters, and pamphlets.

Consultant, 2006

- Coordinated with Director of Water Development and country-level staff on MUS to gather information on project operation in the Indus-Gangetic basin.
- Analyzed project information and wrote case studies for MUS publications.
- Researched methods of identifying improved health and livelihoods due to MUS.
- Edited and number-checked multi-million dollar grant proposal.

Stockholm Environment Institute

Boston, MA

Consultant, 2006

- Researched the links between peri-urban livestock production and water resources.
- Co-wrote a grant proposal for a global water resource study.

Tufts University

Boston, MA

Teaching Assistant, Theories of Public Policy Course, 2006

- Researched and selected international articles for class readings on various course topics.
- Assisted students in research for policy papers and other course work.
- Assisted professor in grading policy papers.

Research Assistant, 2005-2006

- Researched and wrote for faculty on indicators of sustainable agriculture progress over the past thirty years and the effects of the National Organic Program on small-scale organic producers.

Directed Study, 2005-2006

- Co-wrote successfully-funded grant proposal for a capacity-building study with a Native American food systems organization on the Oneida Nation of Wisconsin for all operations dealing with their native variety of white flint corn.
- Conducted interviews and analysis of the organization's cannery operation.
- Created a cost analysis of the cannery.
- Created outreach/marketing plan for organization's community activities and food products.
- Wrote final report and presentation to the organization.

Community Food Security Coalition

Boston, MA

Consultant, Healthy Food & Communities Work Group, 2006

- Researched and wrote white paper on supermarket 'deserts' and policy strategies to encourage community-based retail markets.
- Researched community food reserves and regional food system authorities for food security domestically and abroad.

BAIF Development Research Foundation

Pune, India

Sustainable Agriculture Intern, Summer 2005

- Designed, conducted and reported project review survey with wheat farmers in three villages of rural Maharashtra state.
- Encouraged farm households attending community meetings to participate in water filtration scheme for pure drinking water.
- Designed, conducted and reported survey to obtain baseline data on home water use and sanitation practices within rural households in a village of Maharashtra state.

Public Citizen's Critical Mass Energy and Environment Program

Washington, D.C.

National Organizer – Food Safety Campaign, 2002-2004

- Developed and coordinated national Safe School Lunch campaign, and facilitated coalition building.
- Wrote workshop proposals, coordinated and participated in workshops at conferences, presented at community events, and organized educational forums.
- Conducted outreach and education efforts to consumers and community groups on food safety.
- Wrote and developed educational packets, newsletter articles, fact sheets, action alerts, flyers, postcards and other materials for various aspects of campaign.
- Handled press inquiries, conducted media interviews, and wrote and submitted letters to the editor of various news media.

- Conducted hiring and oversaw work of food safety interns.
- Represented department colleagues on Public Citizen's Employee Committee.

National Association of State Universities and Land-Grant Colleges

Washington, D.C.

Administrative Assistant - Food, Environmental and International Affairs, 2000-2001

- Coordinated congressional meetings for university constituents.
- Developed concept papers, proposals, and correspondence regarding international agriculture and the environment.
- Researched genetically modified organisms, international education, and environmental issues.
- Organized meetings of university presidents, deans, faculty, and government representatives.

Office of Congressman Edward Pease

Washington, D.C.

Congressional Intern, 2000

- Communicated with constituents through conversations and written correspondence.
- Reported on committee hearings and briefings.

PUBLICATIONS

- Mikhail, M., Yoder, R. (2008). *Multiple Use Water Service Implementation in Nepal and India: Experience and Lessons for Scale-up*.
- Mikhail, M., Yoder, R., Sharma, K., Adhikari, D. (2008). *Technology Adoption and Adaptation for Multiple Use Water Services in the Hills of Nepal*. Second International Forum on Water and Food. Addis Ababa, Ethiopia.
- Khawas, N. S., Mikhail M. (2008) *Analysis of the MUS Learning Alliance Process in Nepal*. International Symposium on Multiple-use Water Services. Addis Ababa, Ethiopia.
- Yoder, R., Mikhail, M., (2008) *Impact of Multiple Use Water Services in Tori Danda Community, Nepal*. International Symposium on Multiple-use Water Services. Addis Ababa, Ethiopia.
- Van Koppen, B., Smits, S., Mikhail, M. (2009) *Community-scale Multiple-use Water Services: New Investment Opportunities to Achieve the Millennium Development Goals*. Irrigation and Drainage, forthcoming.
- Butterworth, J., Smits, S., Mikhail, M., & Dominguez, I. (2008) *Learning Alliances to Influence Policy and Practice: Experiences Promoting Institutional Change in the Multiple Use Water Services (MUS) Project*. MUS Project working paper [online] Available at www.musproject.net.
- Mikhail, M. (2006) *Water Systems for Multiple Use*. Development Challenges, South-South Solutions. E-newsletter of the Special Unit for South-South Cooperation in UNDP. September.

ACTIVITIES AND COMMUNITY SERVICE

- PR Chair for Sustainable Agriculture Symposium (FOOD student organization at Tufts), 2006
- Organized international labor event for the Fair Labor Organizing Committee of the AFL-CIO, 2002
- Organized educational events and wrote magazine articles for Left Turn, a national community-based NGO, Washington, DC, 2001 - 2004
- Worked on outreach and logistics for Mobilization for Global Justice, a community-based NGO, 2001-2002
- Dance Instructor/Jazz Department Head at Morton Community Center in West Lafayette, IN where I co-founded the dance program, taught over 350 students, and choreographed, designed and directed all audio and visual elements of annual productions, 1993-2000
- Mentor for Society of Women in Engineering Mentor Program, 1997-1998
- Scholarship Chair and Recycling Committee Chair of Kappa Alpha Theta, 1997-1998
- Homeless Shelter Volunteer, South Bend, IN, Summer 1997
- Secretary of Biological and Food Process Engineering Club, Purdue, 1996-1997
- Japan Homestay in Tokyo - Cultural Customs Experience, Summer 1994

HONORS

- Recipient of Tufts Institute for the Environment Grant for feasibility study, 2005
- Member of Phi Kappa Phi & Gamma Sigma Delta honor society, 1999
- Society of Women in Engineering Merit Award recipient, 1997
- National Women's Leadership Conference selected attendee, 1997
- Member of Alpha Lambda Delta honor society, 1996