

# Laurie Manderino

## Denver, Colorado

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### Career Summary:

Thirteen years experience specializing in environmental policy and finance, with clients including EPA, DoD, State of CO, US Agency for International Development (USAID), municipalities, and the private sector. Most recently spent 5 years managing international development projects in Africa.

### Employment History:

#### **Tetra Tech EM (formerly PRC Environmental Management)**

**1988-1994**

Environmental Consultant - Policy and Finance (Washington DC and Denver, CO)

- Served as manager for 30+ work assignments with municipal, state, and national government clients; Led multi-discipline project teams across various US offices; prepared work plans and progress reports.
- Designed database for large industrial client in CO to track air emissions as a tool for regulatory compliance; created custom reports; prepared users' guide and conducted staff training.
- Led economic portion of cost-effectiveness study of CO oxygenated fuels program; designed surveys to measure program costs and impact on pricing; presented to legislative audit committee.
- Completed cost-benefit analysis for large-scale Navy environmental cleanup project in CA; designed probability model to consider variables such as future land use and environmental health risks; saved Navy an estimated \$8 million by enabling them to negotiate less-stringent cleanup levels.
- Assisted 6 mid-western states to project future hazardous waste generation and demand for waste management based on projected economic activity over a 20-year period.
- Designed incentive financing programs, including grants and soft loans, to support air pollution control in Libby, MT; participated in public meetings to present options and seek community input.
- Analyzed corporate financial statements to assess a company's ability to pay penalties as part of potentially-responsible party searches under the Superfund and RCRA hazardous waste programs.
- Promoted cost-effectiveness of pollution prevention programs to corporate and government clients through cost-saving spreadsheet analyses and educational materials development.

#### **Harvard Institute for International Development**

**1994-1998**

Project Manager - Environmental Program (Cambridge, MA)

- Managed 5-year, \$14 million USAID-funded regional program to promote cost-effective environmental policies in Central and Eastern Europe; led 6-person management team and backstopped 8 field offices with 50+ employees; supervised country work plan preparation.
- Organized pilot studies in Czech Republic to promote dialogue among policymakers, civil society, and researchers on proposed emissions trading schemes and fee-based systems for solid waste.
- Coordinated team of 12 local & international consultants for an Asian Development Bank-funded study of market-based instruments for air and water environmental policy in China.
- Advised Egyptian Environmental Affairs Agency on development of a national environmental fund.

#### **Organization for Economic Cooperation and Development**

**1998-2000**

Environmental Finance Expert - Environment Directorate (Paris, France)

- Studied global trends in public-private partnerships for urban water supply and sanitation; drafted guidelines for legal, economic, and financial reforms to support sustainable water services.
- Advised the Project Preparation Committee, a network of donors and financial institutions (World Bank, IFC, EU, USAID) on creating effective environmental investment partnerships for infrastructure projects.
- Contributed to environmental finance chapter for major publication assessing 5 years of environmental progress in Central & Eastern Europe in post-transition period.

#### **International Resources Group**

**2000**

Environmental Finance Consultant - (Washington DC and Romania)

- Supported USAID-funded project to advise the Romanian Ministry of Environment on creating a national fund to finance environmental investment projects, capitalized by fiscal instruments and donor financing.

**US Peace Corps – Benin**  
Assistant Country Director

**2000-2003**

- Managed overall program budget and oversaw logistical, communications, and financial support to 120 volunteers working in health, micro-finance, education, and environment.

**Pediatric AIDS Foundation – Rwanda**  
Country Director

**2004-2006**

- Established Rwanda country office, recruited 18 local staff, and initiated AIDS testing and treatment programs at 30 health centers under USAID-funded program.

### **Education:**

M.S. Finance, 1993 - University of Colorado at Denver / Denver, CO

B.A. Business Administration and Management, 1985 - California University of Pennsylvania / California, PA  
Undergraduate Studies in Business – Wharton School, University of Pennsylvania / Philadelphia, PA

### **Other Training:**

Executive Program on Climate Change, observer, Harvard University, 1998 (2 weeks)

Environmental Economics and Policy Workshop, observer, Harvard University, 1997 (5 weeks)

The Leadership Challenge, Tom Peters Group Learning Systems, 1992 (1 week)

Contract Administration, Management Concepts, Inc, 1992 (1 week)

### **Select Reports and Publications:**

Manderino, L.A., *A Proposed Framework for Understanding and Promoting Environmental Investment in Central and Eastern Europe*. Presented to the International Conference of the European Society for Ecological Economics, Vienna, Austria, May 2000.

Manderino, L.A., et. al., *Environment and the Transition to a Market Economy: Progress in Central and Eastern Europe and the New Independent States, Chapter 6: Environmental Financing*. OECD Center for Cooperation with Non-Members, 1999.

Manderino, L.A., et.al., *Environmental Policy Dialogue: Lessons Learned*. Prepared for US Agency for International Development, 1998.

Manderino, L.A., *A Cost-Benefit Approach to Environmental Cleanup Decision Making*. Presentation to the National Association of Business Economists Annual Meeting, 1994.

Manderino, L.A.; Bowles, S.L., *A Cost Analysis of Colorado's Oxygenated Fuels Program*. Proceedings of the Air and Waste Management Association Annual Conference, 1993.

Manderino, L.A.; Bowles, S.L., *Regulations Pertaining to Vehicle Fleets Contained in the 1990 Clean Air Act Amendments, Colorado Regulations, and Denver Municipal Codes*. Proceedings of the Air and Waste Management Association Annual Conference, 1993.

Manderino, L.A.; Fox, R.; Anderson, R.L., *An Integrated Community Approach to Reducing Residential Wood Smoke: Innovative Funding of Control Strategies*. Proceedings of the Air and Waste Management Association PM10 Specialty Conference, 1992.

Manderino, L.A.; Diecidue, A.M.; Johnson, M.F., *Assessing a Potentially Responsible Party's Ability to Pay Superfund Cleanup Costs*. Hazardous Materials Control Research Institute National Superfund Conference Proceedings, 1989.