

Dara J. O'Rourke, Ph.D.

Mitsui Career Development Assistant Professor
Environmental Policy Group
Massachusetts Institute of Technology

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RESEARCH AND TEACHING INTERESTS

Research the environmental, social, and equity impacts of global production systems and new strategies of democratic governance. Research political economy and policy aspects of global supply chains, from resource extraction, to manufacturing, to use and disposal. Interested in governmental and non-governmental strategies for monitoring and accountability over production systems. Evaluate models of public participation in environmental and labor policy issues and innovative regulatory strategies. Teach courses on environmental policy and regulation, industrial ecology, and environmental justice.

EDUCATION

University of California at Berkeley
Ph.D. in the Energy and Resources Program

Berkeley, CA
December 1999

University of California at Berkeley
Master of Science in the Energy and Resources Program

Berkeley, CA
May 1995

Massachusetts Institute of Technology
Bachelor of Science in Mechanical Engineering and Political Science

Cambridge, MA
June 1989

FELLOWSHIPS, HONORS, AND AWARDS

2001-03	Mitsui Career Development Professorship, M.I.T.
1998-99	Switzer Environmental Fellowship
1998-99	Simpson Memorial Research Fellowship
1998	Voted One of the "Male Sports Figures of 1997" by the <i>Village Voice</i>
1995	Foreign Language and Area Studies Fellowship (Vietnamese)
1994-98	National Science Foundation Graduate Fellowship
1989	Pi Tau Sigma National Mechanical Engineering Honor Society
1988	John Burchard Humanities Scholar, M.I.T.

BOOKS

Fung, Archon, Dara O'Rourke, and Charles Sabel (2001), *Can We Put an End To Sweatshops?*, Boston: Beacon Press.

O'Rourke, Dara (under contract), *Community-Driven Regulation: New Strategies for Balancing Development and the Environment in Vietnam*, Cambridge, MA: MIT Press.

PUBLICATIONS – REFEREED

O'Rourke, Dara (under review), "Outsourcing Regulation: Analyzing Non-Governmental Systems of Labor Standards and Monitoring," *Policy Studies Journal*.

O'Rourke, Dara and Eungkyoon Lee (under review), "Mandatory Planning for Environmental Innovation," *Journal of Environmental Planning and Management*.

O'Rourke, Dara and Gregg Macey (under review), "Community Environmental Policing: Assessing New Strategies of Public Participation in Environmental Regulation," *Journal of Policy Analysis and Management*.

O'Rourke, Dara (forthcoming 2002), "Motivating a Conflicted Environmental State: Community Driven Regulation in Vietnam," in A.P.J. Mol and F.H. Buttel (eds.) *The Environmental State Under Pressure*, Social Problems and Public Policies Series, Amsterdam: Elsevier.

O'Rourke, Dara (forthcoming 2002), "Monitoring the Monitors: A Critique of Corporate Third-Party Labor Monitoring," in Rhys Jenkins, Ruth Pearson and Gill Seyfang (eds.) *Corporate Responsibility and Ethical Trade: Codes of Conduct in the Global Economy*, London: Earthscan.

O'Rourke, Dara (2001), "Community-Driven Regulation: Towards an Improved Model of Environmental Regulation in Vietnam," in Peter B. Evans (ed.), *Livable Cities: The Politics of Urban Livelihood and Sustainability*, Berkeley: University of California Press.

Sabel, Charles, Dara O'Rourke and Archon Fung (2001), "Quale volano per gli standard internazionali di protezione sociale? Proposta per un progressivo miglioramento delle condizioni di lavoro nell'economia globalizzata," *Il diritto del Mercato Del Lavoro*, n.1, 2001, pp: 85-121.

Sabel, Charles, Dara O'Rourke and Archon Fung (2000), "Ratcheting Labor Standards: Regulation for Continuous Improvement in the Global Workplace," Washington, D.C.: The World Bank, Social Protection Discussion Paper No. 0011.

Fung, Archon and Dara O'Rourke, (2000) "Reinventing Environmental Regulation from the Grassroots Up: Explaining and Expanding the Success of the Toxics Release Inventory," *Environmental Management*, vol. 25, no. 2, pp.:115-127.

O'Rourke, Dara, Lloyd Connelly, and C.P. Koshland, (1996) "Industrial Ecology: A Critical Review," *International Journal of Environment and Pollution*, Vol. 6, Nos. 2/3, pp. 89-112.

Sikor, Thomas O. and Dara O'Rourke, (1996) "Economic and Environmental Dynamics of Reform in Vietnam," *Asian Survey*, Berkeley CA, Vol. XXXVI, No. 6, June, pp. 601-617.

O'Rourke, Dara, (1995) "Economics, Environment and Equity: Policy Integration During Development in Vietnam," *Berkeley Planning Journal*, Vol. 10, pp. 15-35.

PUBLICATIONS – NON-REFEREED

O'Rourke, Dara (2002), "The Implementation of the OECD Guidelines for Multinational Enterprises and the Functioning of National Contact Points," Discussion Paper for the OECD Meeting of the Trade Union Advisory Committee, Paris, June 17th, 2002.

Brown, Garrett, Dara O'Rourke, and Betty Szudy (2002), "China Capacity Building Project on Occupational Health and Safety," May 29, 2002, report available at: <http://www.igc.org/mhssn/>

O'Rourke, Dara (2001), "Sweatshops 101: Lessons in Monitoring Apparel Production Around the World," *Dollars and Sense*, cover article, September/October.

O'Rourke, Dara (2001), "Sweatshops 101," in (eds.) Ellen Frank, John Miller, Alejandro Reuss, and the Dollars & Sense Collective, *Real World Macro*, Cambridge: Economic Affairs Bureau, 2001.

O'Rourke, Dara, (2001), "To fix sweatshop conditions in factories, we must listen to workers," *The Boston Globe*, Op-ed page, February 27th, 2001.

Fung, Archon, Dara O'Rourke, and Chuck Sabel (2001), "Realizing Labor Standards," *The Boston Review*, New Democracy Forum, February, 2001.

O'Rourke, Dara (2000), "Monitoring the Monitors: A Critique of PricewaterhouseCooper's Labor Monitoring," white paper, released Sept. 28, 2000, available at web.mit.edu/dorourke/www/

Business for Social Responsibility, Investor Responsibility Research Center, and Dara O'Rourke (2000), "Independent University Initiative Final Report," San Francisco, CA.

Sabel, Charles, Dara O'Rourke, and Archon Fung, (2000) "Ratcheting Labor Standards: How Open Competition Can Save Ethical Sourcing," in (ed.) R. Thamotheram, *Visions of Ethical Sourcing*, London: Financial Times Prentice Hall.

O'Rourke, Dara and Garrett Brown (1999), "Beginning to Just Do It: Current Workplace and Environmental Conditions at the Tae Kwang Vina Nike Shoe Factory in Vietnam," report released March 14, 1999, available at: www.globalexchange.org/economy/corporations/nike/vt.html

O'Rourke, Dara (1998), "Vietnam's Reforms and Economic Growth," by Charles Harvie and Tran Van Hoa, book review, *Crossroads: An Interdisciplinary Journal of Southeast Asian Studies*.

O'Rourke, Dara, (1997) *Smoke from a Hired Gun: A Critique of Nike's Labor and Environmental Auditing in Vietnam as Performed by Ernst & Young*, report published by the Transnational Resource and Action Center: San Francisco, November 10th, available on the Internet at: www.corpwatch.org/trac/nike/ernst/

Karliner, Joshua, Alba Morales, and Dara O'Rourke, (1997) "The Barons of Bromide: The Corporate Forces Behind Toxic Poisoning and Ozone Depletion," *The Ecologist*, Vol. 27, No. 3, May/June, pp. 90-98.

O'Rourke, Dara, (1996) "Is Sustainable Development Sustainable?" *Boston Book Review*, Cambridge, MA, July/August.

Fung, Archon, Penn Loh, and Dara O'Rourke, (1996) "Out of the Darkness: A Response to Richard Flacks' 'Reflections on Strategy in a Dark Time,'" *Boston Review*. Vol. 21, No. 1, Feb/March: 10.

O'Rourke, Dara, et al., (1995) "Environment and Industrial Renovation in Vietnam: A Report from Vinh Phu Province," *Institute of International Studies Working Paper*, Berkeley, CA:IIS.

Sikor, Thomas O. and Dara O'Rourke, (1995) "A Tiger in Search of a New Path: The Economic and Environmental Dynamics of Reform in Viet Nam," *Vietnam's Socio-Economic Development* Hanoi, No. 4, Winter, 1995, pp. 35-52.

O'Rourke, Dara, (1993) "Worker Health Hazards at Seagate," *Multinational Monitor*, Washington, D.C., November.

O'Rourke, Dara, (1992) "Alternatives to Ozone Depleting Substances in Solvent Cleaning," Greenpeace International, Washington, D.C., June.

O'Rourke, Dara, (1992) "Green Tide - Bagging Honduras," *Z Magazine*, Boston, MA, March.

O'Rourke, Dara, (1991) "Conservation and Recycling Practices for CFC-113 and Methyl Chloroform," U.S. EPA, June.

CONFERENCE PAPERS AND INVITED LECTURES

O'Rourke, Dara (2002), "Business, Labor and Globalization: A Strategic Approach," World Economic Forum, New York, Jan. 31-Feb. 4th, 2002.

O'Rourke, Dara (2002), "Codes and Monitoring in Global Supply Chains," paper presented at the Rockefeller Conference on Codes, Monitoring and Worker Organizing, Puebla, Mexico, Feb. 7-9.

O'Rourke, Dara (2001), "Collaborative Regulation," paper presented at the Association of Collegiate Schools of Planning annual conference, Cleveland, OH, Nov. 10th 2001.

O'Rourke, Dara (2001), "From Codes to Compliance: The Challenges and Opportunities for Monitoring and Verification," EU Conference on Codes and Monitoring, Brussels, Oct. 3rd, 2001.

O'Rourke, Dara (2001), "Towards Livable Cities in Vietnam," paper presented at the American Sociological Association, Anaheim, CA, August 18, 2001.

O'Rourke, Dara (2001), "Enforcing Health and Safety Standards in US Suppliers Abroad," 22nd Annual Scientific Meeting, Universities Occupational Safety and Health Educational Resource Center, New York, April 6, 2001.

O'Rourke, Dara (2001), "Globalization, Sweatshops & Monitoring: New Strategies for Regulating Multinational Firms," presented to the World Bank, March 21, 2001.

O'Rourke, Dara (2001), "Are Free Trade and Corporate Voluntarism Enough?" 2001 Asia Business Conference, Harvard Business School, Feb. 3rd, 2001

O'Rourke, Dara (2001), "Ratcheting Standards: New Regulatory Strategies for the Global Workplace," Greening of Industry Conference, Bangkok, Thailand, Jan. 21st, 2001.

O'Rourke, Dara (2000), "Community-Driven Regulation: The Political Economy of Development and the Environment in Vietnam," American Collegiate Schools of Planning, Nov. 4th, 2000.

O'Rourke, Dara (2000), "Democratizing Environmental Regulation: Community Participation in Pollution Regulation in Vietnam," Policy Briefing, American Sociological Association, Washington, D.C., August 14, 2000.

O'Rourke, Dara (2000), "Global Monitoring of Global Production: Nike and the Transnational Movement for Social and Environmental Justice," presentation at the conference *Towards Sustainability: Social and Environmental Justice*, Tufts University, June 1st, 2000.

O'Rourke, Dara (2000), "Global Production and Environmental Justice," Working Group on Environmental Justice, Harvard University, April 18th, 2000.

O'Rourke, Dara and Archon Fung (2000), "Ratcheting Labor Standards: Regulation for Continuous Improvement in the Global Workplace," Special Program for Urban and Regional Studies (SPURS), Massachusetts Institute of Technology, March 14, 2000.

O'Rourke, Dara and Archon Fung (2000), "Ratcheting Labor Standards: Regulation for Continuous Improvement in the Global Workplace," Hauser Center on Nonprofits, Harvard University, February 25, 2000.

O'Rourke, Dara, (1999), "Motivating a Conflicted Environmental State," paper presented at the Conference on *The Environmental State Under Pressure: The Issues and the Research Agenda*, Sponsored by the Environment and Society Research Committee (RC 24), International Sociological Association, Northwestern University, Chicago, Illinois, August 6, 1999.

O'Rourke, Dara (1998), "The Challenge of Independent Monitoring," University of Wisconsin, Madison, April 16, 1998.

O'Rourke, Dara (1998), "Nike's Labor Practices and the Need for Independent Monitoring," paper presented at the *2nd Annual Labor in the Global Economy Conference: Human Rights and Labor Solidarity*, UC Berkeley, January 29-30, 1998

O'Rourke, Dara (1997) "From Here to ISO 14000: The Challenges of Transforming Environmental Management in Asia," presentation as a panel chair at the *6th International Conference of the Greening of Industry Network*, Santa Barbara, CA, November 18, 1997.

O'Rourke, Dara (1997) "Economic Incentives and the Environment," presentations at the UNIDO workshops on *Industrial Pollution Reduction in Vietnam*, Bien Hoa - October 10 and Viet Tri - October 14, 1997.

O'Rourke, Dara, (1996) "Global Production, Local Environments, and Industrial Ecology," paper presented at the Woodrow Wilson School, Princeton University, December 5, 1996.

COURSES

"Environment and Society: Managing the Environmental and Social Impacts of Industrial Society" Undergraduate Course, syllabus available: web.mit.edu/11.122/www/

"Environmental Policy and Regulation" Graduate Course, team taught.

"Environmental Justice: Race, Poverty, Environment, and Regulation" Graduate Course, syllabus available: web.mit.edu/11.368/www/

"Technology, Industry, and Ecology: Transforming Industry Through Policy, Planning, and Design" Graduate Course, syllabus available: web.mit.edu/11.369/www/

PROFESSIONAL EXPERIENCE AND CONSULTING

National Environment Agency
Consultant

Hanoi, Vietnam
Sept. 2000 to Feb. 2001

Served as the project leader and author of a study on public disclosure of environmental information in Vietnam. Analyzed current environmental data gathering, management, and distribution by the Vietnamese government, international agencies, and NGOs. Worked with the National Environment Agency to propose a new system for environmental data management and disclosure to the public. Wrote proposal to the World Bank for funding a pilot project on environmental information disclosure for Hanoi which will be completed in 2002.

Independent University Initiative
Consultant

San Francisco, CA
Sept. 1999 to Sept. 2000

Served as a consultant to the Independent University Initiative on Sweatshops, a joint-research project funded by Harvard University, Notre Dame, Ohio State, the University of Michigan, and the University of California. Conducted research on the apparel industry producing university-logo garments, specific factory conditions in China, South Korea and Indonesia, and systems to monitor factory performance around the world.

United Nations Development Programme
Urban and Industrial Environmental Specialist

Hanoi, Vietnam
Nov. 1998 to April 1999

Worked as the international specialist in urban and industrial environmental management on a project to assess the effectiveness of development aid in Vietnam. Researched past aid projects in environmental sector, energy, urban planning, industrial development, and infrastructure. Analyzed policies and institutional arrangements of responsible government agencies and international donors. Presented lessons of past projects and recommended strategies to enhance future development assistance.

United Nations Industrial Development Organization
Economics and Incentives Expert

Bien Hoa and Viet Tri, Vietnam
Oct. 1996 to August 1998

Worked as a consultant on two UNIDO projects focusing on industrial pollution control in Vietnam. Analyzed firm environmental management systems and technical and institutional barriers to pollution prevention. Evaluated the potential for market-based instruments for pollution control. Analyzed internal firm incentives for environmental management changes. Assisted in waste audits of case study factories, and review of permit process.

The Royal Netherlands Embassy
Technology Consultant and Mission Leader

Hanoi, Vietnam
March to April 1997

Led an appraisal mission of a project to establish a Capacity Building Center for Small and Medium-sized Enterprises (SMEs) in Vietnam focused on the promotion of cleaner production technologies. Researched the current economic and institutional situation for SMEs in Vietnam, assessing environmental problems and technical assistance needs.

Economic Development Institute
Pollution Prevention Advisor

Washington, DC
September 1995

Consultant to the Economic Development Institute of the World Bank on the design of a program on industrial pollution prevention policy in Vietnam. Participated in development of program objectives and activities with Vietnamese environmental officials, lectured on pollution prevention policies, and facilitated discussions on research and training needs.

SwedeCorp
Technical Instructor

Hanoi, Vietnam
February 1995

Consultant to SwedeCorp (a branch of the Swedish International Development Agency) and the Vietnamese Ministry of Heavy Industry as a lecturer at the country's first pollution prevention workshop. Trained government officials and factory managers on industrial waste audit methods, management and technology changes to prevent pollution, and environmental cost accounting.

Center for Environmental Science and Technology
Environmental Researcher

Vietnam
June to August 1994

Conducted research in Vietnam in collaboration with the Centre for Environmental Science and Technology (CEST) at the Hanoi University of Technology. Designed, raised funds for, and implemented a research project analyzing environmental impacts of recent industrial development in Vietnam. Case studies focused on three sectors: pulp and paper, chemicals and fertilizers, and textiles.

United Nations Environment Programme
Project Coordinator/Consultant
Coordinated the Network for Industrial Environmental Management (NIEM), a network composed of research institutions, laboratories, government agencies, and pulp and paper mills located in eight Asian countries (China, India, Indonesia, Malaysia, Philippines, Sri Lanka, Thailand, and Vietnam). Catalyzed participating institutions to exchange information on environmental management in pulp and paper mills. Primary functions included design of the third phase of NIEM activities to focus on cleaner production methods, and to advance technology transfer between participating countries.

Bangkok, Thailand

Dec. 1992 to June 1993

Pacific Northwest Pollution Prevention Research Center
Technical Director
Coordinated research efforts for an environmental non-profit focusing on pollution prevention. Researched cleaner technologies and alternative manufacturing processes that prevent or reduce toxics use at their source. Led waste reduction projects on industries key to the Northwest region such as pulp and paper, oil and gas production, fish processing, aerospace, and agriculture. Coordinated industry roundtables and research projects to assess potential areas for waste reduction.

Seattle, WA

Oct. 1991 to Dec. 1992

United Nations Environment Programme
Research Associate
Researched industrial pollution in Thailand, specifically examining the use of CFCs and other ozone depleting chemicals in manufacturing industries. Conducted on-site inspections and interviews at production facilities to identify usage trends and potentials for emissions reductions. Assisted Thai government and private sector in development of hazard reduction programs.

Bangkok, Thailand

Feb. 1991 to July 1991

ICF Incorporated
Research Assistant
Worked on technical issues related to global climate change and ozone depletion. Researched and wrote a manual on conservation and recycling practices for CFC-based solvent cleaning. Prepared report on the human health and environmental effects associated with greenhouse warming. Researched CFC and halon uses in refrigeration, fire extinguishing, and solvent cleaning systems, identifying alternative systems. Ran computer model studying the relative atmospheric concentrations of chlorine and resulting levels of ozone depletion associated with different regulatory options.

Washington, D.C.

Aug. 1989 to Jan 1991

Weyerhaeuser Corporation
Mechanical Engineer
Worked in the Forests Products division on Weyerhaeuser's consumer products development. Designed second generation prototypes for Woodscape™ landscaping timbers. Worked on the design and manufacture of a proto-type end-glue, finger-jointing machine. Worked with mills in the Pacific Northwest on manufacturing process engineering.

Tacoma, WA

Summer 1987 to Spring 1989

PUBLIC SERVICE

- Committee member, National Academy of Sciences committee on "Improved International Labor Standards."
- Board member, Independent Monitoring Project, Berkeley, CA
- Board member, Public Information Network, Seattle, WA.
- Advisory board, Boston Network on International Development, Boston, MA

PROFESSIONAL MEMBERSHIPS

- American Collegiate Schools of Planning (ACSP)
- American Sociological Association (ASA)
- International Society for Industrial Ecology (ISIE)

DEPARTMENTAL SERVICE

- Head, Environmental Policy Group (2000-2001)
- Undergraduate Committee (2001-2002)
- Strategic Planning Committee (2000-2001)
- Ph.D. Committee (1999-2001)
- Faculty Search Committee - Senior Environmental Policy faculty (2000-2001)

THESIS ADVISEES

Jill Blockhus, Ph.D. candidate, Environmental Policy

Michael Borucke, Bachelors in Environmental Engineering

Jason Corburn, Ph.D. in Environmental Policy

Sharon Chan, Masters in City Planning, Environmental Policy

Daniel DeLisi, Masters in City Planning, Environmental Policy

Helena Fu, Bachelors in Urban Studies and Planning

Eung Kyoon Lee, Ph.D. candidate, Environmental Policy

Sushila Maharjan, Masters in City Planning, Environmental Policy

Andy Sheng, Masters in Technology Policy Program

Jesse Williamson, Masters in City Planning, Housing, Community, and Economic Development

MEDIA CITATIONS

The New York Times

The Wall Street Journal

The Associated Press

The Boston Globe

The Los Angeles Times

The San Francisco Chronicle

The Economist

Business Week

Newsweek

Christian Science Monitor

The International Herald Tribune

Agence France Presse

Inter Press Service

Bloomberg News

ESPN

The Chronicle of Higher Education

Corporate Counsel

National Law Journal