

Gary Wolff, P.E., Ph.D.

Research Affiliate

Pacific Institute for Studies in Development, Environment, and Security

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EDUCATION AND REGISTRATIONS

Ph.D. Agricultural and Resource Economics, University of California at Berkeley, 1997

M.S. Civil Engineering, Stanford University, 1984

B.Sc. Renewable Energy Engineering Technology, Jordan College, Cedar Springs, MI, 1982

California Registered Civil Engineer (No. 41252)

California Contractors License C46 (inactive) -- Solar Specialty (No. 486178)

PROFESSIONAL EXPERIENCE

Research Affiliate, 2006 - Present

Principal Economist and Engineer, 2001 to 2006

Pacific Institute for Studies in Environment, Development, and Security

Visiting Professor of Environmental Economics, 2000 to 2001

Monterey Institute of International Studies, Monterey, California

Director of the Incentives Program, 1998 to 2000

Redefining Progress, Oakland, California

Consultant, 1995 to 1998

Provided services to municipal government, non-profit organizations, and private clients for projects involving both engineering and economics skills.

Founder and Principal Engineer, 1987 to 1994

3E Engineering, Fremont, California

Environmental Engineer, 1986 to 1987

Central Contra Costa Sanitary District, Martinez, California.

Water Resources Control Engineer, 1984 to 1986

San Francisco Bay Regional Water Quality Control Board, Oakland, California

Solar Contractor, 1982 to 1983

Sundu Solar Systems, Grand Rapids, Michigan

Energy Conservation Analyst, 1981 to 1982

Under contract to Michigan Consolidated Gas Company, Grand Rapids, Michigan

HONORS, AWARDS, FELLOWSHIPS

- Visiting Scholar, Center for Conservation Biology, Stanford University, 1998-1999
- Post-Doctoral Fellow, Center for Conservation Biology, Stanford University, 1997-1998

PUBLIC AND PROFESSIONAL SERVICE

- Member, State Water Resources Control Board
(Appointed by Governor Schwarzenegger)
- Former Member, San Francisco Bay Regional Water Quality Control Board
(Appointed by Governor Schwarzenegger and confirmed by the CA Senate)
- Chair, Castro Valley Sanitary District Community Advisory Committee
- Past President, Alameda County Recycling Board, A County Charter Agency
(Appointed by the Alameda County Board of Supervisors)
- Former Chair, East Bay Municipal Utility District (EBMUD) Demand Management
Advisory Committee
- Former Board Chair, Waterkeepers of Northern California
- Executive Committee, US Bureau of Reclamation Desalination Research Roadmap
- Member, American Economics Association (AEA)
- Member, American Society of Civil Engineers (ASCE)
- Member, American Solar Energy Society (ASES)
- Member, International Water Association (IWA)
- Member, International Ecological Engineering Society (IEES)
- Member, International Society for Ecological Economics (ISEE)
- Member, Northern California Recycling Association (NCRA)
- Member, Water Environment Federation (WEF)

RESEARCH PAPERS AND PUBLICATIONS

Cooley, Heather, Peter Gleick, and Gary Wolff. June 2006. Desalination, With a Grain of Salt -- A California Perspective. Pacific Institute, Oakland.

Wolff, Gary. Winter 2006. The Economics of Green Building: Methods and Examples, The Journal of Green Building, College Publishing: Glen Allen, Virginia.

Wolff, Gary and Eric Hallstein, December 2005. Beyond Privatization: Restructuring Water Systems to Improve Performance. Pacific Institute, Oakland

Wolff, Gary. March 2005. Economies of Scale and Scope in River Basin Management. Institute of Developing Economies: Tokyo.

Wolff, Gary. January 2005, Investing in Clean Agriculture: Pesticide Use Reduction to Protect Water Quality in California. Pacific Institute, Oakland.

Wolff, Gary. October 2004. User Manual for the Pacific Institute Water to Air Models. Pacific Institute, Oakland, California.

Wolff, Gary, M. Cohen, and B. Nelson. August 2004. Energy Down the Drain: The Hidden Costs of California's Water Supply. Natural Resources Defense Council, New York.

Gleick, Peter H., Dana Haasz and Gary Wolff. 2004. "Urban Water Conservation: A Case Study of Residential Water Use in California," in The World's Water: 2004-2005 (Island Press: Washington D.C.)

Gleick, Peter H., Veena Srinivasan, Christine Henges-Jeck, and Gary Wolff. 2004. "Urban Water Conservation: A Case Study of Commercial and Industrial Water Use in California," in The World's Water: 2004-2005 (Island Press: Washington D.C.)

Wolff, Gary. 2004. Double Dividends in a World With Natural Capital, in *Critical Issues in Environmental Taxation II*, Janet E. Milne, Larry Kreiser, and Kurt Deketelaere, editors. Richmond Law and Tax Publishing.

Wolff, Gary. 2004. The Risks and Benefits of Globalization and Privatization of Fresh Water, in *Challenges of the New Water Policies for the XXI Century*, Cabrera & Cobacho, editors. Swets & Zeitlinger, The Netherlands.

Wolff, Gary and Meena Palaniappan. January/February 2004. Public or Private Water Management; Cutting the Gordian Knot, Journal of Water Resources Planning and Management. American Society of Civil Engineers, New York.

Gleick, Peter H., Dana Haasz, Christin-Henges Jeck, Veena Srinivasan, Gary Wolff, Katherine Kao Cushing, and Amardip Mann. 2003. Waste Not Want Not: The Potential for Urban Water Conservation in California. Pacific Institute, Oakland, California.

Moss, J., Gary Wolff, Graham Gladden and Eric Guttierrez. 2003. Valuing Water for Better Governance. CEO Panel for Business and Industry, Paris.

Wolff, Gary. 2003. "Water Quality: Wastewater Treatment, Technical Note D.2." in Davis, Richard and Rafik Hirji, Editors, Water Resources and Environment. World Bank: Washington.

Wolff, Gary. 2003. "Water Quality: Non-Point Source Pollution, Technical Note D.3." in Davis, Richard and Rafik Hirji, Editors, Water Resources and Environment. World Bank: Washington.

Wolff, Gary. 2003. "Irrigation and Drainage: Rehabilitation, Technical Note E.2." in Davis, Richard and Rafik Hirji, Editors, Water Resources and Environment. World Bank: Washington.

Wolff, Gary. 2003. Independent Review of the Proposed Stockton Water Privatization. Pacific Institute: Oakland

Wolff, Gary and P. H. Gleick. 2002. "The Soft Path to Water," in Gleick, Peter H., Editor, The World's Water 2002-2003: The Biennial Report on Freshwater Resources. Island Press, Washington, DC.

Wolff, Gary. 2002. Healthy, Fair, and Profitable: A Win-Win Pesticide Policy. EcoVenture and the Pacific Institute, Oakland.

Gleick, Peter H., Gary Wolff, Elizabeth L. Chalecki, and Rachel Reyes. 2002. The New Economy of Water: The Risks and Benefits of Globalization and Privatization of Fresh Water. Pacific Institute, Oakland, CA.

Miller, Ansje, Gautam Sethi, and Gary Wolff, 2002. What's Fair? Consumers and Climate Change. Redefining Progress, San Francisco

Wolff, Gary. 2001. Economic Evaluation of the Cadiz Groundwater Storage and Dry Year Supply Project, Metropolitan Water District of Southern California. Pacific Institute: Oakland

Wolff, Gary. 2000. When Will Business Want Environmental Taxes? Redefining Progress, San Francisco.

Wolff, Gary and Gautam Sethi. 2000. What's Fair? Workers, Investors, and Climate Change. Redefining Progress, San Francisco.

Sanstad, Alan and Gary Wolff. 2000. Tax Shifting and the Likelihood of Double Dividends: Theoretical and Computational Issues. Redefining Progress, San Francisco.

Hamond, M. Jeff, Hardy Merriman, and Gary Wolff. 1999. Equity and Distributional Issues in the Design of Environmental Tax Reform. Redefining Progress, San Francisco.

Ehrlich, Paul. R., Gary Wolff, Gretchen Daily, Jennifer B. Hughes, Scott Daily, Michael Dalton, and Lawrence Goulder. 1999. Knowledge and the Environment, Ecological Economics 30:267-84

Hamond, M. Jeff, Gary Wolff, Clifford Cobb, and Mark Frame. 1999. Greening the Golden State: A Tax Reform for California's Future. Redefining Progress, San Francisco.

Fleishman, Erica, Gary H. Wolff, Carol L. Boggs. 1999. Conservation in practice: overcoming obstacles to implementation, Conservation Biology 13 (2): 450-2

Wolff, Gary. 1998. Searching for Double Dividends in a Sea of Data, Proceedings of the National Tax Association meeting in Austin, Texas

Wolff, Gary. 1997. Waiting For Pigou: A Qualitative Approach to Environmental Taxation, Ph.D. Dissertation at the University of California at Berkeley

Wolff, Gary. 1995. The Role of Agent's Beliefs in Determination of Urban Irrigation Water Price Elasticity, a working paper prepared to fulfill the econometrics requirement for the Ph.D. Degree in Agricultural and Resource Economics, University of California at Berkeley (data on large irrigation water users from the Dublin/ San Ramon Services District, Dublin, California)

Wolff, Gary and Natalie Pickering. 1990. Physical Constraints on Land Use of a Municipal Waste Landfill. Proceedings of the Thirteenth Annual Madison Waste Conference, Madison, Wisconsin

Heglie, Jeff, Tim Bray, Dan Bostrum, and Gary Wolff. 1990. Planning for Leachate Management at a Closed Landfill. Proceedings of the Water Pollution Control Federation Specialty Conference, Chicago, Illinois