

June 2017

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Professional Experience:

2017-present Vice President, Energy and Climate Program, Resources for the Future, Washington, D.C
2015-2017 Co-Director, Center for Energy and Climate Economics, Resources for the Future, Washington, D.C
1984-present Senior Fellow, Resources for the Future, Washington, D.C.
2006-2015 Director, Center for Climate and Electricity Policy, Resources for the Future, Washington, D.C
2000-2002 Vice President for Programs, Resources for the Future, Washington, D.C.
1987-1998 Director, Quality of the Environment Division, Resources for the Future, Washington, D.C.
1982-1984 Fellow, Quality of the Environment Division, Resources for the Future, Washington, D.C.
1981-1982 Visiting Assistant Professor, University of North Carolina at Chapel Hill.
1977-1981 Fellow, Quality of the Environment Division, Resources for the Future, Washington, D.C.

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"A Contingent Valuation Study of Lost Passive Use Values Resulting From The Exxon Valdez Oil Spill." (with R. T. Carson, R. C. Mitchell, W. M. Hanemann, S. Presser, and P. A. Ruud), a report to the Attorney General of the State of Alaska, November 10, 1992.

"Distributional and Environmental Consequences of Taxes on Energy: A Partial Equilibrium Model of U.S. Household Energy Demand," (with Hadi Dowlatabadi and F. Ted Tschang) report to the U.S. Environmental Protection Agency, Office of Research and Development under grant number R81-8458-010, February 1994.

"Integrated Economic and Ecological Modeling for Public Policy Decision Making," (with Hadi Dowlatabadi and Lawrence H. Goulder), report to the Office of Policy Planning and Evaluation, United States Environmental Protection Agency, May 1994.

"Prospective Interim Lost Use Value Due to DDT and PCB Contamination in the Southern California Bight, Vol. I," (with R. T. Carson, W. M. Hanemann, J. A. Krosnick, R. C. Mitchell, S. Presser, P. A. Ruud and . K. Smith), Report to the National Oceanic and Atmospheric Administration, under Contract No. 50-DGNC-1-00007, September 30, 1994.

"Cost-Benefit Analysis and Regulatory Reform: An Assessment of the Science and the Art" (with Alan Krupnick, and Michael Toman), report the Congressional Commission on Risk Assessment and Risk Management, July 1996.

"Valuation of Developmental and Reproductive Effects: A Scoping Study," (with Matt Cannon and Alan Krupnick) report to the Office of Policy Planning and Evaluation, United States Environmental Protection Agency, August 1996.

"Experts Meeting on the Choice of Modeling Platform for Carbon Policy Analysis," (with Michael A. Toman), report to the Office of Policy Planning and Evaluation, United States Environmental Protection Agency, Joel Scheraga, Project Officer, April 1997.

"The Economics of Carbon Policy and the Importance of Endogenous Technical Change," report to the United States Environmental Protection Agency, United States Department of Energy and the Electric Power Research Institute, March 1998.

"Near-Term Greenhouse Gas Emission Targets," Final report to the National Commission on Energy Policy, October 2004.

"Econometric Underpinnings of Computable General Equilibrium Models used for Climate Policy Analysis," Final Report to: US Environmental Protection Agency, Climate Economics Branch, February 2009.

“Feasibility Assessment of a Carbon Cap-and-Trade System for Mexico,” (with Dallas Burtraw, Richard D. Morgenstern, Daniel Morris, and Elizabeth Topping), RFF Report, July 2010.

“Reforming Institutions and Managing Extremes: U.S. Policy Approaches for Adapting to a Changing Climate,” (with Daniel F. Morris, Molly K. Macauley and Richard Morgenstern), RFF Report, Volumes 1 & 2, December 2010.

PROFESSIONAL ACTIVITIES

- 2010-Present Member, Advisory Board, Low Climate Impact Scenarios and the Implications of Required Tight Emission Control Strategies (LIMITS)
- 2010-Present Lead Author, Inter Governmental Panel on Climate Change, Fifth Assessment Report.
- 2006-Present Clipore Scholar. Clipore is the Climate Policy Research Program of the Swedish Foundation for Strategic Environmental Research (Mistra)
- 2006-Present Member, Scientific Committee, European Union, Scanning Policy Scenarios for the Transition to Sustainable Economic Structures
- 2004-2007 Member, Consumer Energy Council of America Transmission Infrastructure Forum
- 2002-2005 Member, Scientific Committee, European Union, Modeling the Transition to Sustainable Development
- 2001-2008 Member, Advisory Committee, Center for Environment and Natural Resource Economics and Policy, North Carolina State University
- 2000-2006 Member, Advisory Committee, Climate Policy Center, Washington, DC
- 1999-2008 Member, Advisory Committee, International Economic Policy, U.S. Department of State
- 1994-2001 Treasurer, Association of Environmental and Resource Economists
- 1992-1995 Editorial Council, Journal of Environmental Economics and Management
- 1990-1992 Board of Directors, Association of Environmental and Resource Economists
- 1989-1992 Associate Editor, Journal of Productivity Analysis

CONGRESSIONAL TESTIMONY

- July 11, 1995 Before the Subcommittee on Water Resources and Environment, Committee on Transportation and Infrastructure, U.S. House of Representatives; regarding natural resource damages under CERCLA and OPA.
- June 25, 2008 Before the Senate Energy and Natural Resources Committee, U.S. Senate, regarding the report of the International Energy Agency, Energy Technology Perspectives 2008.
- Nov. 10, 2009 Before the Senate Energy and Natural Resources Committee, U.S. Senate, regarding Policy Options for Reducing Greenhouse Gas Emissions