September 2023

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M.P.P., Public Policy, University of Michigan, 1986.

B.S., Community Economic Development, University of California, Davis, 1980.

*Areas of Specialization:*

Environmental Policy, Public Finance, Industrial Organization, Applied Game Theory.

*Professional Activities:*

Darius Gaskins Senior Fellow, Resources for the Future, 2010-.

Senior Fellow, Resources for the Future, Quality of the Environment Division, 1998-present.

Fellow, Resources for the Future, Quality of the Environment Division, 1989-1998.

Consultant to state and federal agencies, electricity companies, environmental organizations and international lending and economic assistance institutions.

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Professional Lecturer in International Relations, Energy, Environment, Science and   
 Technology. Johns Hopkins SAIS University. (1993-1999).

Adjunct Professor, Department of Economics, Georgetown University. (1998).

Instructor, University of Michigan: Introductory Microeconomics.  
 Teaching Assistant, University of Michigan: Operations Research.   
 Teaching Assistant, University of Michigan: Law and Economics. (1984-1989).

Economic Analyst, Pacific Gas and Electric Company. (1984)

Program Manager, SolarCal Local Government Commission on Conservation and   
 Renewable Resources, State of California. (1981-1982).

*PUBLICATIONS*

“A Net-Zero Target Compels a Backward Induction Approach to Climate Policy,” 2023. (Geoffroy Dolphin, Michael Pahle, Dallas Burtraw, Mirjam Kosch). *Nature Climate Change*, https://doi.org/10.1038/s41558-023-01798-y.

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*AWARDS*

The Northeastern Agricultural and Resource Economics Association Award for Outstanding Public Service through Economics, 2017.

The Ralph C. d’Arge and Allen V. Kneese Award for Outstanding Publication in the *Journal of the Association of Environmental and Resource Economists,* 2014.

MacArthur Scholar, University of Michigan Program in International Peace and Security Studies, 1985-1989.

Institute of Public Policy Studies Fellowship, 1983-1984.

*OTHER SERVICE*

Chair, California Independent Emissions Market Advisory Committee, 2018-

Treasurer, Association of Environmental and Resource Economists, 2014-2018.

Member, Princeton Carbon Mitigation Initiative Advisory Council, 2010-2016.

Member, Bard Center for Environmental Policy Advisory Committee, 2010-2013.

Member, National Academy of Sciences, Board on Environmental Studies and Toxicology, 2005-2011.

Member, Environmental Protection Agency Advisory Council on Clean Air Compliance Analysis, 2004-2010.

Member, State of California Economic and Allocation Advisory Committee, 2009-2010.

Member, State of California Market Advisory Committee for Greenhouse Gas Policy, 2006-2007.

Member, Environmental Protection Agency Science Advisory Board Second Generation Model Advisory Panel, 2004-2005.

Member, Environmental Protection Agency, Scientific Advisory Board, Environmental Economics Advisory Committee, 1998-2004.

Member, Environmental Protection Agency, Scientific Advisory Board, Committee on Illegal Competitive Advantage, 2004.

Member, National Research Council, Committee on Air Quality Management in the United States, 2001-2004.

Reviewer, National Energy Modeling System, Energy Information Administration, 1992-1999.

Reviewer of proposals for Environmental Protection Agency, National Science Foundation, Department of Energy.

Member, Environmental Protection Agency, Effluent Guidelines Task Force, 1996-1998.

Member, National Oceanic and Atmospheric Administration Blue Ribbon Panel on Valuation of Environmental Benefits in the Great Lakes Region, 1997-1998.

Member, Environmental Protection Agency, Scientific Advisory Board, Mercury Subcommittee, 1997.

Member, Management Board, New York State Environmental Externality Cost Study, 1993-1995.

Reviewer for:  
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