

**JOSEPH E. ALDY**

ASSOCIATE PROFESSOR OF PUBLIC POLICY  
HARVARD KENNEDY SCHOOL

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**Education:**

Doctor of Philosophy, Department of Economics, Harvard University, 2005  
Master of Environmental Management, Nicholas School of the Environment, 1995  
Bachelor of Arts, Duke University, 1993

**Professional Experience:**

2015-present Associate Professor of Public Policy  
Harvard Kennedy School  
2009-2015 Assistant Professor of Public Policy  
Harvard Kennedy School  
(public service leave Jan 2009 – Dec 2010; paternity leave 2012)  
2011-present Visiting Fellow  
Resources for the Future  
2011-present Faculty Research Fellow  
National Bureau of Economic Research  
2014-present Senior Adviser  
Center for Strategic and International Studies  
2015 Non-Resident Fellow  
Center on Global Energy Policy, Columbia University  
2015 Lone Mountain Fellow  
Property & Environment Research Center  
2009-2010 Special Assistant to the President for Energy and Environment  
National Economic Council and Office of Energy and Climate Change,  
The White House  
2005-2009 Fellow  
Resources for the Future  
2007-2008 Adjunct Assistant Professor  
Department of Economics, Georgetown University  
2008 Adjunct Professor

2007 Georgetown Public Policy Institute  
Lecturer  
Applied Economics Master's Program, Johns Hopkins University

1999-2000 Senior Economist for the Environment and Natural Resources  
Council of Economic Advisers, Executive Office of the President

1998-1999 Senior Advisor for the Global Environment  
Council of Economic Advisers, Executive Office of the President

1997-1998 Staff Economist for the Environment and Natural Resources  
Council of Economic Advisers, Executive Office of the President

1996-1997 Economist  
Natural Resources and Environment Division, Economic Research Service

1995-1996 Associate in Research  
Nicholas School of the Environment

**Other Professional Affiliations:**

2015-present Member, Editorial Advisory Panel, *Nature Energy*

2015-present Trustee, Board of Trustees, Robert and Patricia Switzer Foundation

2011-present Faculty Chair, Regulatory Policy Program, Mossavar-Rahmani Center for Business and Government

2011-present Member, Editorial Board, *Economics of Energy and Environmental Policy*

2011-present Faculty Affiliate, Mossavar-Rahmani Center for Business and Government

2011-present Faculty Affiliate, Taubman Center for State and Local Government

2011-present Faculty Fellow, Harvard Environmental Economics Program

2011-present Faculty Associate, Harvard University Center for the Environment

2008-2009 Treasurer, Association of Environmental and Resource Economists

2007-2009 Co-Director, Harvard Project on International Climate Agreements

2006-2009 Co-Director, International Energy Workshop

**Awards:**

2008 Nicholas School of the Environment Rising Star Alumni Award

2005 Stone Pre-Doctoral Fellowship in Environmental and Resource Policy  
(Winner of Best Paper on Environmental and Resource Policy by Harvard University doctoral student)

2003 Certificate of Distinction in Teaching, Harvard University

2002 Certificate of Distinction in Teaching, Harvard University

**Fellowships:**

2004-2005 Morris K. Udall Scholarship and Excellence in National Environmental Policy Foundation Fellowship

2003-2004 Repsol YPF-Harvard Kennedy School Energy Policy Fellowship

2003-2004 Switzer Foundation Environmental Fellowship

2000-2003 STAR Fellowship, U.S. Environmental Protection Agency  
1996-1998 Presidential Management Internship, Executive Office of the President  
and USDA Economic Research Service  
1994 NNEMS Fellowship, U.S. Environmental Protection Agency

**Research Grants:**

Alfred P. Sloan Foundation, “The Efficiency and Fiscal Implications of Multiple, Overlapping Energy and Environmental Policies,” Principal Investigator, 2015-2017  
Alfred P. Sloan Foundation, “Durability and Adaptability in Energy Policy,” Study Group Member, 2014-2016  
Electric Power Research Institute, “The Competitiveness Effects of Domestic Climate Policy: A State-Level Evaluation,” Principal Investigator, 2011-2012.  
Smith Richardson Foundation Domestic Policy Fellowship, “The Competitiveness Effects of U.S. Climate Change Policy,” Principal Investigator, 2009. [Note: fellowship resources could not be accepted as condition of appointment in the Obama Administration.]  
Doris Duke Charitable Foundation, “Beyond Kyoto: Designing the Post-2012 International Policy Architecture to Address Global Climate Change,” Co-Principal Investigator, 2007-2009.  
Pew Center on Global Climate Change, “Competitiveness Impacts of Climate Change Mitigation Policies,” Principal Investigator, 2007-2008.  
Electric Power Research Institute, “Efficient Mechanisms for U.S. Domestic Climate Policy,” Principal Investigator, 2007.  
USDA Economic Research Service, “Managing Invasive Species Risks,” Co-Principal Investigator, 2006-2008.

**Papers under Review:**

“Comparing Emissions Mitigation Efforts across Countries” (with William A. Pizer and Keigo Akimoto)  
“Climate Reparations or Redistribution?”  
“Heterogeneity in the Value of Life” (with Seamus J. Smyth)  
“The Labor Market Impacts of the 2010 *Deepwater Horizon* Oil Spill and Offshore Drilling Moratorium”  
“Designing Energy and Environmental Fiscal Instruments to Improve Public Health”  
“Belt and Suspenders and More: The Incremental Impact of Energy Efficiency Subsidies in the Presence of Existing Policy Instruments” (with Sébastien Houde)

**Research Papers in Progress:**

- “Fossil Fuel Subsidies and the Costs of Climate Stabilization Policies”
- “Frameworks for Evaluating Different Policy Approaches to Address the Competitiveness Concerns of Mitigating Greenhouse Gas Emissions”
- “Evaluating Policy Design Options of a Carbon Border Tax Adjustment” (with John Agan, Wesley Look, and Gilbert Metcalf)
- “The Impacts of Power Sector Carbon Regulations on the Manufacturing Labor Market” (with William A. Pizer)
- “Capital versus Output Subsidies: Implications for Alternative Incentives for Wind Investment” (with Todd D. Gerarden and Richard L. Sweeney)
- “The Additionality of the Clean Development Mechanism: A Macro Perspective” (with Gabriel Chan)
- “Life-Saving Information: Mortality Risk Reduction from Air Quality Forecasts” (with Marie-Abele Bind)
- “Promoting Environmental Quality through Fuels Regulations: Lessons for a Durable Energy and Climate Policy”
- “Information Provision and Countervailing Risks: The Case of UV-Index and Ozone Pollution Forecasts”
- “Evaluating Mitigation Effort: Tools and Institutions for Assessing Nationally Determined Contributions”
- “Transparency, Policy Surveillance, and Levels of Effort: Assessing and Comparing INDCs” (with Keigo Akimoto, Carlo Carraro, William A. Pizer, and Massimo Tavoni)
- “Learning from Experience: An Assessment of the Retrospective Reviews of Agency Rules and the Evidence for Improving the Design and Implementation of Regulatory Policy”
- “If Fossil Fuel Subsidies Are So Bad, Why Are They So Common?”
- “Temperature Shocks, Energy Prices, and U.S. Mortality: An Assessment of the Health Impacts of Climate Change” (with Dan Stone)

“Income and Environmental Quality: The Case of the People’s Republic of China” (with Dick Morgenstern and Ramanan Laxminarayan)

“Insurance against Weather and Energy Price Shocks: The Benefits of Energy Subsidies to Low-Income Households”

“Distributional Consequences of Environmental and Safety Regulations: Insights from Labor Market Decisions” (with Seamus J. Smyth)

**Publications – Journal Articles:**

“Policy Surveillance in the G20 Fossil Fuel Subsidies Agreement: Lessons for Climate Policy.” *Climatic Change*, forthcoming.

“Mobilizing Political Action on Behalf of Future Generations: The Case of Climate Change Policy.” *The Future of Children*, forthcoming.

“Alternative Metrics for Comparing Domestic Climate Change Mitigation Efforts and the Emerging International Climate Policy Architecture.” *Review of Environmental Economics and Policy*, with William A. Pizer, forthcoming.

“Competitiveness Impacts of Climate Change Mitigation Policies.” *Journal of the Association of Environmental and Resource Economists* 2(4): 565-595, with William A. Pizer, 2015.

“Pricing Climate Risk Mitigation.” *Nature Climate Change* 5: 396-398, 2015.

“Review of *Planetary Economics: Energy, Climate Change and the Three Domains of Sustainable Development*, by Michael Grubb with Jean-Charles Hourcade and Karsten Neuhoff.” *Economics of Energy and Environmental Policy*, forthcoming.

“Using and Improving the Social Cost of Carbon.” *Science* 346: 1181-1182, with William Pizer, Matthew Adler, David Anthoff, Maureen Cropper, Kenneth Gillingham, Michael Greenstone, Brian Murray, Richard Newell, Richard Richels, Arden Rowell, Stephanie Waldhoff, and Jonathan Wiener, 2014.

“The Crucial Role of Policy Surveillance in International Climate Policy.” *Climatic Change* 126(3-4): 279-292, 2014.

“Risk Regulation Lessons from Mad Cows.” *Foundations and Trends in Microeconomics* 8(4), with W. Kip Viscusi, 2013.

“The Case for a U.S. Carbon Tax.” *Oxford Energy Forum* 91: 13-16, 2013.

- "A Preliminary Assessment of the American Recovery and Reinvestment Act's Clean Energy Package." *Review of Environmental Economics and Policy* 7(1): 136-155, 2013.
- "Review of *Climate Change and Common Sense: Essays in Honour of Tom Schelling*, edited by Robert W. Hahn and Alistair Ulph." *Journal of Regional Science* 53(1): 201-203, 2013.
- "Climate Negotiators Create an Opportunity for Scholars." *Science* 337: 1043-1044, with Robert N. Stavins, 2012.
- "Willingness to Pay and Political Support for a U.S. National Clean Energy Standard." *Nature Climate Change* 2: 596-599, with Matthew J. Kotchen and Anthony A. Leiserowitz, 2012.
- "The Promise and Problems of Pricing Carbon: Theory and Experience." *Journal of Environment and Development* 21(2): 152-180, with Robert N. Stavins, 2012.
- "Using the Market to Address Climate Change: Insights from Theory and Experience." *Daedalus* 141(2): 45-60, with Robert N. Stavins, 2012.
- "Promoting Clean Energy in the American Power Sector: A Proposal for a National Clean Energy Standard." *Environmental Law Reporter* 42: 10131-10149, 2012.
- "Real-Time Economic Analysis and Policy Development During the BP *Deepwater Horizon* Oil Spill." *Vanderbilt Law Review* 64(6): 1795-1817, 2011.
- "The Environmental Justice Dimensions of Climate Change." *Environmental Justice* 4(1): 17-25, with Marie Lynn Miranda, Douglas A. Hastings, and William H. Schlesinger, 2011.
- "Designing Climate Mitigation Policy." *Journal of Economic Literature* 48(4): 903-934, with Alan J. Krupnick, Richard G. Newell, Ian W.H. Parry, and William A. Pizer, 2010. Reprinted in *Economics of the Environment: Selected Readings, Sixth Edition*, R.N. Stavins, ed., W.W. Norton, 2012.
- "Valuing the Risk of Death from Terrorist Attacks." *Journal of Homeland Security and Emergency Management* 7(1): Article 14, with Lisa A. Robinson, James K. Hammitt, Alan Krupnick, and Jennifer Baxter, 2010.
- "Introduction to the Frontiers of Environmental and Resource Economics." *Journal of Environmental Economics and Management* 57(1): 1-4, with Alan J. Krupnick, 2009.

- "Issues in Designing U.S. Climate Change Policy." *The Energy Journal* 30(3): 179-210, with William A. Pizer, 2009.
- "A Tax-Based Approach to Slowing Global Climate Change." *National Tax Journal* 61: 493-517, with Eduardo Ley and Ian W.H. Parry, 2008.
- "Adjusting the Value of a Statistical Life for Age and Cohort Effects." *Review of Economics and Statistics* 90(3): 573-581, with W. Kip Viscusi, 2008.
- "Introduction to Special Symposium on Energy and Development in Africa." *Energy Policy* 36(8): 2771-2772, with Mark Howells and Leo Schrattenholzer, 2008.
- "Climate Policy Architectures for the Post-Kyoto World." *Environment* 50(3): 6-17, with Robert N. Stavins, 2008.
- "Age Differences in the Value of Statistical Life: Revealed Preference Evidence." *Review of Environmental Economics and Policy* 1(2): 241-260, with W. Kip Viscusi, 2007.
- "Labor Market Estimates of the Senior Discount for the Value of Statistical Life." *Journal of Environmental Economics and Management* 53(3): 377-392, with W. Kip Viscusi, 2007.
- "Energy and Carbon Dynamics at Advanced Stages of Development: An Analysis of the U.S. States 1960–1999." *The Energy Journal* 28(1): 91-111, 2007.
- "Divergence in State-Level Per Capita Carbon Dioxide Emissions." *Land Economics* 83(3): 353-369, 2007.
- "Per Capita Carbon Dioxide Emissions: Convergence or Divergence?" *Environmental and Resource Economics* 33(4): 533-555, 2006.
- "Review of *Beyond Kyoto – A New Global Climate Certificate System* by Lutz Wicke." *Bulletin of the American Meteorological Society* 87: 1228-1229, 2006.
- "An Environmental Kuznets Curve Analysis of U.S. State-Level Carbon Dioxide Emissions." *Journal of Environment and Development*, U.S. EPA Special Issue 14(1): 48-72, 2005.
- "The Value of a Statistical Life: A Critical Review of Market Estimates throughout the World." *Journal of Risk and Uncertainty* 27(1): 5-76, with W. Kip Viscusi, 2003.
- "Thirteen Plus One: A Comparison of Global Climate Policy Architectures." *Climate Policy* 3(4): 373–397, with Scott Barrett and Robert N. Stavins, 2003.

“Environmental Equity and the Conservation of Unique Ecosystems: An Analysis of the Distribution of Benefits for Protecting Southern Appalachian Spruce-Fir Forests.” *Society and Natural Resources* 12: 93–106, with Randall A. Kramer and Thomas P. Holmes, 1999.

“The Role of Technology in Sustaining Agriculture and the Environment.” *Ecological Economics* 26: 81–96, with James Hrubovcak and Utpal Vasavada, 1998.

“Unit Pricing of Residential Municipal Solid Waste: Lessons from Nine Case Study Communities.” *Journal of Environmental Management* 52(1): 79-93, with Marie Lynn Miranda, 1998.

“Economics of Sustainable Agriculture.” *Agricultural Outlook* 238: 21-24, with Utpal Vasavada and Jim Hrubovcak, 1997.

“Recycling Jumps When Communities Use Unit Pricing for Residential Garbage.” *Resource Recycling* 15(8): 27-31, with Marie Lynn Miranda, 1996.

#### **Publications – Edited Books:**

*Post-Kyoto International Climate Policy: Implementing Architectures for Agreement.* New York: Cambridge University Press, with Robert N. Stavins, 2010.

*Post-Kyoto International Climate Policy: Summary for Policymakers.* New York: Cambridge University Press, with Robert N. Stavins, 2009.

*Architectures for Agreement: Addressing Global Climate Change in the Post-Kyoto World.* New York: Cambridge University Press, with Robert N. Stavins, 2007.

#### **Publications – Book Chapters:**

“Comparing Emission Mitigation Pledges: Metrics and Institutions.” *Towards a Workable and Effective Climate Regime*, Scott Barrett, Carlo Carraro, and Jaime de Melo, eds. Fondation pour les Etudes et Recherches sur le Developpement International, with William A. Pizer, 2015.

“Economic Instruments: The Ethics of Saving the Planet Cost-Effectively.” *Routledge Companion to Environmental Ethics*, Benjamin Hale and Andrew Light, eds. Routledge, forthcoming.

“Comparing Countries’ Climate Mitigation Efforts in a Post-Kyoto World.” *Implementing a US Carbon Tax: Challenges and Debates*, Ian Parry, Adele Morris, and Robertson C. Williams III, eds. Routledge, with William A. Pizer, 2015.



- “Environmental Risk and Uncertainty.” *Handbook of the Economics of Risk and Uncertainty*, Volume 1, Mark J. Machina and W. Kip Viscusi, eds., Elsevier, with W. Kip Viscusi, 601-649, 2014.
- “Foreword.” *Toward a New Climate Agreement: Conflict, Resolution, and Governance*. Todd Cherry, Jon Hovi, and David McEvoy, eds., Routledge, 2014.
- “The Employment and Competitiveness Impacts of Power-Sector Regulations.” *Does Regulation Kill Jobs?* Cary Coglianese, Adam Finkel, and Chris Carrigan, eds. Philadelphia: University of Pennsylvania Press, with William A. Pizer, 2014.
- “Eliminating Fossil Fuel Subsidies.” *15 Ways to Rethink the Federal Budget*, Michael Greenstone, Max Harris, Karen Li, Adam Looney, and Jeremy Patashnik, eds. Washington, DC: The Hamilton Project, Brookings Institution, 31-35, 2013.
- “Designing a Bretton Woods Institution to Address Global Climate Change.” *Handbook of Energy and Climate Change*, Roger Fouquet, ed. Cheltenham, UK: Edward Elgar, 2013.
- “Designing the Post-Kyoto Climate Regime.” *The Quest for Security: Protection without Protectionism and the Challenge of Global Governance*, Mary Kaldor and Joseph Stiglitz, eds. New York: Columbia University Press, with Robert N. Stavins, 2013.
- “Introduction.” *Post-Kyoto International Climate Policy: Implementing Architectures for Agreement*, Joseph E. Aldy and Robert N. Stavins, eds. New York: Cambridge University Press, 1-28, with Robert N. Stavins, 2010.
- “Lessons for the International Policy Community.” *Post-Kyoto International Climate Policy: Implementing Architectures for Agreement*, Joseph E. Aldy and Robert N. Stavins, eds. New York: Cambridge University Press, 899-929, with Robert N. Stavins, 2010.
- “Introduction and Overview.” *Post-Kyoto International Climate Policy: Summary for Policymakers*, Joseph E. Aldy and Robert N. Stavins, eds. New York: Cambridge University Press, 1-25, with Robert N. Stavins, 2009.
- “Lessons for the International Policy Community.” *Post-Kyoto International Climate Policy: Summary for Policymakers*, Joseph E. Aldy and Robert N. Stavins, eds. New York: Cambridge University Press, 27-55, with Robert N. Stavins, 2009.
- “Comment on Jeffrey A. Frankel’s ‘Addressing the Leakage/Competitiveness Issue in Climate Change Policy Proposals.’” *Climate Change, Trade and Competitiveness:*

- Is a Collision Inevitable?* Lael Brainard and Isaac Sorkin, eds. Washington, DC: Brookings Institution Press, 83-88, 2009.
- “Towards a Post-Kyoto International Climate Policy Regime.” *Beyond Copenhagen: A Climate Policymaker’s Handbook*. Juan Delgado and Stephen Gardner, eds. Brussels: Bruegel Books, 53-59, with Robert N. Stavins, 2009.
- “Introduction: International Policy Architecture for Global Climate Change.” *Architectures for Agreement: Addressing Global Climate Change in the Post-Kyoto World*, Joseph E. Aldy and Robert N. Stavins, eds. New York: Cambridge University Press, 1-27, with Robert N. Stavins, 2007.
- “Architectures for an International Global Climate Change Agreement: Lessons for the Policy Community.” *Architectures for Agreement: Addressing Global Climate Change in the Post-Kyoto World*, Joseph E. Aldy and Robert N. Stavins, eds. New York: Cambridge University Press, 350-367, with Robert N. Stavins, 2007.
- “Competitiveness Impacts of Carbon Dioxide Pricing Policies on Manufacturing.” *Assessing U.S. Climate Policy Options*, Raymond J. Kopp and William A. Pizer, eds. Washington, DC: Resources for the Future, with Richard Morgenstern, Evan M. Herrnstadt, Mun Ho, and William A. Pizer, 95-105, 2007.
- “Assessing the Costs of Regulatory Proposals for Reducing U.S. Greenhouse Gas Emissions.” *Assessing U.S. Climate Policy Options*, Raymond J. Kopp and William A. Pizer, eds. Washington, DC: Resources for the Future, 53-68, 2007.
- “Saving the Planet Cost-Effectively: The Role of Economic Analysis in Climate Change Mitigation Policy.” *Painting the White House Green: Rationalizing Environmental Policy Inside the Executive Office of the President*, Randall Lutter and Jason F. Shogren, eds. Washington, DC: Resources for the Future Press, 89–118, 2004.
- “Addressing Cost: The Political Economy of Climate Change.” *Beyond Kyoto: Advancing the International Effort Against Climate Change*. Arlington, VA: Pew Center on Global Climate Change, 85-110, with Richard Baron and Laurence Tubiana, 2003.
- “Can Annex I Countries Meet Their Emissions Targets at Modest Costs?” *The Kyoto Commitments: Can Nations Meet Them with the Help of Technology?* C.E. Walker, M.A. Bloomfield, M. Thorning, eds. Washington, DC: American Council for Capital Formation, 67-73, 2000.

**Publications – Policy Magazines, Non-Technical Papers, Op-Eds, and Reports:**

- “Need Transparency and Review Mechanisms.” *The Environmental Forum*, Nov/Dec 2015, 48.

- “The Road to Paris and Beyond: Comparing Emissions Mitigation Efforts.” *Resources* 189: 18-25, with William A. Pizer, 2015.
- “Heterogeneity in the Value of Life.” *VOX*, August 14, 2014, with Seamus J. Smyth, <http://www.voxeu.org/article/heterogeneity-value-life>.
- “Money for Nothing: The Case for Eliminating U.S. Fossil Fuel Subsidies.” *Resources* 186: 32-37, 2014.
- “OMB: Obscurity in Management and Budget?” *Regulation* 36(4): 5-6, with Art Fraas and Randall Lutter, 2014.
- “Financial Regulation Sans Analysis.” *Politico* Op-Ed, with Art Fraas and Randall Lutter, June 20, 2012.
- “Promoting Clean Energy in the American Power Sector.” The Hamilton Project Discussion paper 2011-04, The Brookings Institution, 2011.
- “An Economist’s View of the Oil Spill from Inside the White House.” *Resources* 177: 28-29, 2011.
- “Competitiveness Impacts of Climate Change Mitigation Policies.” Arlington, VA: Pew Center on Global Climate Change, with William A. Pizer, 2009.
- “The Role of Technology Policies in an International Climate Agreement.” Issue Paper prepared for the Climate Dialogue, September 2-3, Office of the Prime Minister, Copenhagen, Denmark, with Robert N. Stavins, 2008.
- “What Is the Role of Carbon Taxes in Climate Change Mitigation?” World Bank PREMnotes, Special Series on The Economics of Climate Change, Number 2, with Eduardo Ley and Ian W.H. Parry, July 2008.
- “Economic Incentives in a New Climate Agreement.” Issue Paper prepared for the Climate Dialogue, May 7-8, Office of the Prime Minister, Copenhagen, Denmark, with Robert N. Stavins, 2008.
- “Forging a Climate Agreement that Works.” *Washington Post* PostGlobal Op-Ed, with Robert N. Stavins, December 17, 2007.
- “Using Emission Fees to Curb Greenhouse Gases: A Primer.” Progressive Policy Institute Policy Memo, 2007.

“The Strategic Petroleum Reserve: A Short-Term Response.” *Resources* 163: 19-20, 2006.

“Heating Subsidies Make a Difference in Offsetting Winter Mortality Rates Among the Poor and Elderly.” *Resources* 160: 5-6, 2006.

“Designing a Regime for Developing Countries that is Cost-Effective and Equitable.” Paper presented at the *Leaders’ Summit on Post-Kyoto Architecture: Toward an L20?* Conference, Council on Foreign Relations, New York, NY, September 21, 2004, with Jeffrey A. Frankel.

“Climate Change: An Agenda for Global Collective Action.” AEI-Brookings Joint Center on Regulatory Affairs Related Publication, with Peter R. Orszag and Joseph E. Stiglitz, 2001.

*Unit Pricing Programs for Residential Municipal Solid Waste: An Assessment of the Literature.* Report submitted to the Climate Change Division, Office of Policy, Planning, and Evaluation, USEPA, with Miranda, Marie Lynn and Scott D. Bauer, October 1995.

*A Framework for Estimating the Economic Benefits from Reduced Ambient Ozone Welfare Effects Under Alternative Secondary National Ambient Air Quality Standards.* Durham, NC: Nicholas School of the Environment, Duke University. Master’s Project, 1995.

**Academic Seminar, Conference, and Workshop Research Presentations:**

Academic Seminar, Duke University, 2015

Academic Seminar, Columbia University, 2015

Academic Seminar, Boston College, 2015

Academic Seminar, Harvard University, 2015

Academic Seminar, Harvard Kennedy School, 2015

Academic Seminar, Environmental Defense Fund, 2015

BP/Harvard Kennedy School/Fletcher School Symposium on Energy Policy, Cambridge, MA, 2015

Addressing Competitiveness and Leakage Concerns in a Carbon Tax: What Are the Options? Workshop, Resources for the Future, Washington, DC, 2015

Kyoto’s “Success,” Copenhagen’s “Failure,” and Climate Policy after Paris, Stonehill College, Easton, MA, 2015

Opening Keynote Lecture, Quinto Congreso Nacional de Investigación en Cambio Climático, Universidad Nacional Autónoma de México, Mexico City, Mexico 2015

Lone Mountain Fellowship Seminar, Property & Environment Research Center, Bozeman, MT, 2015

Bilateral Cooperation between China and the United States: Facilitating Progress on Climate Change Policy, National Center for Climate Strategy and International Cooperation/National Development and Reform Commission and the Harvard Project on Climate Agreements, Beijing, China, 2015

AERE Summer Conference, San Diego, CA, 2015

Inequality and the Economic Analysis of Climate Change Workshop, Center for Law, Economics, and Public Policy, Duke University, Durham, NC, 2015

Comparison and Linkage of Mitigation Efforts in a New Paris Regime, Harvard Project on Climate Agreements/International Emissions Trading Association/World Bank, Cambridge, MA, 2015

If Fossil Fuel Subsidies Are So Bad, Why Are They So Common? Center on Global Energy Policy, Columbia University, New York, NY, 2015

The Society for Benefit-Cost Analysis Annual Conference (two talks), Washington, DC, 2015

The Future of Children: Climate Change Workshop, Princeton University and the Brookings Institution, Princeton, NJ, 2015

Academic Seminar, Yale University, 2014

Academic Seminar, Carnegie Mellon University, 2014

Regulatory Policy Initiative Workshop, Resources for the Future, Washington, DC, 2014

Enhancing the Transatlantic Trade and Investment Partnership: Reducing Regulatory Barriers Conference, George Washington University Regulatory Studies Center, Washington, DC, 2014

Workshop on Second Generation Biofuels, Harvard Kennedy School, Cambridge, MA, 2014

BP/Harvard Kennedy School Symposium on Energy Policy, Cambridge, MA, 2014

PERC Workshop on Environmental Quality and Human Health, Bozeman, MT, 2014

World Congress of Environmental and Resource Economists, Istanbul, Turkey, 2014

Social Cost of Carbon Workshop, Duke University, Durham, NC, 2014

Spring 2014 Workshop, Center for Energy and Environmental Policy Research, MIT, Cambridge, MA, 2014

AERE/American Economic Association, Annual Meeting, Philadelphia, PA, 2014

Academic Seminar, Harvard University, 2013

Academic Seminar, Harvard Kennedy School, 2013

Workshop on Building Block Strategies for Global Climate Action, NYU Law School, New York, 2013

BP/Harvard Kennedy School Symposium on Energy, Security, and Climate Policy, Cambridge, MA, 2013

IZA Workshop on Labor Market Effects of Environmental Policies, Institute for the Study of Labor, Bonn, Germany, 2013

Health and Welfare Implications of Taxation and Subsidy Policies to Alter Non-Communicable Disease Risks, Commission on Investing in Health/Harvard Global Health Institute/Disease Control Priorities Project Workshop, Cambridge, MA, 2013

Climate Change Impacts and Integrated Assessment, Energy Modeling Forum Summer Workshop, Snowmass, CO (two talks), 2013  
AERE Summer Conference Sponsored Sessions, Banff, Canada, 2013  
Mercator Institute and Harvard Project on Climate Agreements Durban Platform Workshop, Berlin, Germany, 2013  
AERE/American Economic Association, Annual Meeting, San Diego, CA (two talks), 2013  
Academic Seminar, Harvard Kennedy School, 2012  
Academic Seminar, Resources for the Future, 2012  
Power Generation and the Environment: Choices and Economic Trade-Offs, University of Wyoming, Jackson Hole, WY, 2012  
BP/Harvard Kennedy School Symposium on Energy, Security, and Climate Policy, Cambridge, MA, 2012  
Academic Seminar, Massachusetts Institute of Technology, 2011  
Academic Seminar, Columbia University, 2011  
Academic Seminar, Harvard Kennedy School, 2011  
Plenary Address, International Energy Workshop hosted by the Stanford Energy Modeling Forum, Palo Alto, CA, 2011  
The Future of Climate Negotiations, Policy Session sponsored by FEEM and Tilburg Sustainability Center, European Association of Environmental and Resource Economists Conference, Rome, Italy, 2011  
BP/Harvard Kennedy School Symposium on Energy, Security, and Climate Policy, Cambridge, MA, 2011  
Keynote Address, Rigs, Risk, and Responsibility: Conference on the BP Oil Spill, Vanderbilt Law School, Nashville, TN, 2011  
Keynote Address, Association of Environmental and Resource Economists (AERE) Summer Workshop, Washington, DC, 2009  
Academic Seminar, Harvard Kennedy School, 2008  
Academic Seminar, Duke University, 2008  
Academic Seminar, Yale University, 2008  
Academic Seminar, Tsinghua University, 2008  
Academic Seminar, Brookings Institution, 2008  
Academic Seminar, International Monetary Fund, 2008  
Academic Seminar, The World Bank, 2008  
PERC Lone Mountain Forum on Markets for Land and Pollution: Implications for Environmental Justice, Big Sky, Montana, 2008  
3<sup>rd</sup> Atlantic Workshop on Energy and Environmental Economics, A Toxa, Spain, 2008  
American Economic Association, Annual Meeting, New Orleans, LA, 2008  
Academic Seminar, Yale University, 2007  
Academic Seminar, University of Minnesota, 2007  
Academic Seminar, Triangle Resource and Environmental Economics Seminar (Duke/NC State University/Research Triangle Institute), 2007  
Academic Seminar, University of California – Berkeley, 2007  
Academic Seminar, Vanderbilt University, 2007  
Academic Seminar, University of Central Florida, 2007

Academic Seminar, Carnegie Mellon University, 2007  
PREISM Workshop, Economic Research Service, Washington, DC, 2007  
Plenary Address, International Energy Workshop hosted by the Stanford Energy Modeling Forum, Palo Alto, CA, 2007  
Global Climate Change Research Seminar, Electric Power Research Institute, Washington, DC, 2007  
Forum on Global Climate Strategies Beyond 2012: The Route Ahead, Florence School of Regulation, Madrid, Spain, 2007  
Climate Policy Network, Fifth Meeting, ZEW, Mannheim, Germany (two talks), 2007  
Great Decisions Lecture Series, University of North Carolina–Wilmington, Wilmington, NC, 2007  
Academic Seminar, University of Kentucky, 2006  
Ecological Society of America, Annual Meeting, Memphis, TN, 2006  
Third World Congress of Environmental and Resource Economists, Kyoto, Japan (two talks), 2006  
Plenary Address, International Energy Workshop, hosted by the University of Cape Town Energy Research Centre, Cape Town, South Africa (two talks), 2006  
Economics of Population Health Conference, American Society of Health Economists, Madison, WI, 2006  
Morbidity and Mortality: How Do We Value the Risk of Illness and Death? U.S. Environmental Protection Agency, Washington, DC, 2006  
Academic Seminar, University of Maryland, 2005  
Academic Seminar, Paul H. Nitze School of Advanced International Studies, 2005  
Academic Seminar, Johns Hopkins University, 2005  
Academic Seminar, University of California – Santa Barbara, 2005  
Academic Seminar, University of California – Davis, 2005  
Academic Seminar, Columbia University, 2005  
Academic Seminar, Rice University, 2005  
Academic Seminar, Resources for the Future, 2005  
Academic Seminar, Rand Corporation, 2005  
Academic Seminar, Public Policy Institute of California, 2005  
Colloquium on Socioeconomic Drivers of Greenhouse Gas Emissions, U.S. Environmental Protection Agency and World Resources Institute, Washington, DC, 2005  
Heartland Environmental and Resource Economics Workshop, Iowa State University, Ames, IA, 2005  
Academic Seminar, Stanford University, 2004  
Academic Seminar, University of Texas at Austin, 2004  
Academic Seminar, Harvard University, 2004  
International Energy Workshop, hosted by the International Energy Agency, Paris, France, 2004  
Association of Environmental and Resource Economists (AERE) Summer Workshop, Estes Park, CO, 2004  
AERE/American Economic Association Meeting, San Diego, CA (two talks), 2004

Roundtable Discussion on Benefit-Cost Analysis, Harvard Law School and Harvard Center for Risk Analysis, Cambridge, MA, 2004

**Academic Conference Paper Discussant:**

American Economic Association, Annual Meeting, Boston, MA, 2015

National Bureau of Economic Research Summer Institute, Urban Economics Workshop, Cambridge, MA, 2014

National Bureau of Economic Research Summer Institute, Environmental and Energy Economics Workshop, Cambridge, MA, 2014

World Congress of Environmental and Resource Economists, Istanbul, Turkey, 2014

Human Adaptation to Climate Change, Lone Mountain Forum, Bozeman, MT, 2011

Climate Change, Trade, and Competitiveness Conference, Brookings Institution, Washington, DC, 2008

American Economic Association, Annual Meeting, New Orleans, LA, 2008

AERE/American Economic Association, Annual Meeting, New Orleans, LA 2008

National Bureau of Economic Research Summer Institute, Environment and Public Policy Session, Cambridge, MA, 2007

POWER Conference on Electricity Industry Restructuring, UC-Berkeley, Berkeley, CA, 2007

*Strategic Options for Bush Administration Climate Policy* Book Forum, American Enterprise Institute, Washington, DC 2006

Invasive Species Management: 2006 PREISM Workshop, USDA Economic Research Service, Washington, DC, 2006

Economics of Climate Change: Understanding Trans-Atlantic Differences Workshop, Resources for the Future and the British Embassy, Washington, DC, 2006

Climate Policy Network Workshop, Cambridge, MA, 2006

Workshop on Voluntary Programs, Resources for the Future, Washington, DC, 2005

**Conference, Workshop, and Invited Policy Presentations:**

Merits and Challenges of Declining Discount Rates, Workshop on Discounting the Future, Council of Economic Advisers, Executive Office of the President, Washington, DC, 2015

Climate Change Series: Next Steps for Intended Nationally Determined Contributions (INDCs), Center for Strategic and International Studies, Washington, DC, 2015

Retrospective Review Workshop, Administrative Conference of the United States, Washington, DC, 2015

Fuel Subsidy Reform Workshop, Council on Foreign Relations, Washington, DC, 2015

The U.S.-China Dialogue on the Global Economic Order, Center for Strategic and International Studies and Shanghai Institutes for International Studies, Washington, DC, 2015



Looking Ahead toward Paris: International Perspectives on National Commitments (two talks), MISTRA Indigo/Embassy of Sweden/Resources for the Future, Washington, DC, 2015

Workshop on the Analysis and Management of Energy and Environmental Policy, Harvard Kennedy School and the Enel Foundation, Cambridge, MA, 2015

Effective Frameworks and Measures for Climate Change – Way to COP21, ALPS International Symposium, Research Institute of Innovative Technology for the Earth and Ministry of Economy, Trade, and Industry, Tokyo, Japan, 2015

Paris 2015: The Process and Substance of the Negotiations, Center for Strategic and International Studies, Washington, DC, 2015

Toward a Global Climate Agreement: Comparing Countries' Levels of Effort, Resources for the Future, Washington, DC, 2015

Side Event, UN Framework Convention on Climate Change Conference of the Parties, Lima, Peru, 2014

Retrospective Review of Agency Rules, 61<sup>st</sup> Plenary Session, Administrative Conference of the United States, Washington, DC, 2014

Evolving Approaches for Valuing the Benefits of Consumer Protection Regulations Workshop, Consumer Financial Protection Bureau, Washington, DC, 2014

Retrospective Review of Agency Rules, Meeting of the Council of Independent Regulatory Agencies, hosted by the Administrative Conference of the United States, Washington, DC, 2014

Energy Policy: Looking Back, Looking Forward, Center for Strategic International Studies, Washington, DC, 2014

Accelerating the Transition to a Clean Energy Economy, hosted by Environmental Entrepreneurs, Boston, MA, 2014

Pricing Carbon, Babson College, Wellesley, MA, 2013

Energy: From the Last to the Next 150 Years, Sesquicentennial Symposium, Boston College, Boston, 2013

Expanded Natural Gas Production: Impacts on New Pathways for Climate Change Mitigation, Bipartisan Policy Center Series on the New Geopolitics of Petroleum and Natural Gas, Washington, DC, 2013

The Green Agenda: Electricity and the Environment, Harvard Electricity Policy Group 72<sup>nd</sup> Plenary Session, Cambridge, 2013

Understanding Regulation's Impact on Employment, Workshop Hosted by the Penn Program on Regulation, Washington, DC, 2013

Briefing on the Results of the New Stanford Energy Modeling Forum Studies on U.S. and International Climate Policies, Architectures, and Technological Change, Washington, DC, 2013

Keynote Address, Innovation in Electricity: Challenges and Opportunities, HBS Business and Environment Conference, Cambridge, MA, 2013

15 Ways to Rethink the Federal Budget: Addressing Entitlements, Taxation, and Revenues, The Hamilton Project, The Brookings Institution, Washington, DC, 2013

Comprehensive Tax Reform and Climate Policy, Resources for the Future, Washington, DC, 2013

The Economics of Carbon Taxes Conference, American Enterprise Institute, Washington, DC, 2012

Presidential Energy Debate (Obama Campaign Surrogate), MIT Energy Initiative, Cambridge, 2012

Track 1.5 Meeting of U.S. and Chinese Experts on International Climate Policy, Hosted by the Department of State and the National Development and Reform Commission, Chicago, 2012

Harvard Thinks Green 2, Harvard University, Cambridge, 2012

Keynote Address, The Canada We Want in 2020 – Squaring the Carbon Circle, Canada2020, Ottawa, Canada, 2012

Evaluating Progress on the Climate Front, XXXIII MIT Global Change Forum, Arlington, VA, 2012

Institute of Politics 20<sup>th</sup> Bipartisan Program for Newly Elected Members of Congress, Cambridge, MA, 2012

Fiscal Reform and Climate Protection: Considering a U.S. Carbon Tax, Peterson Institute for International Economics and Resources for the Future, Washington, DC, 2011

Energy in a Carbon-Constrained World, Expogestion, Bogota, Colombia, 2011

A Federal Clean Energy Standard: Understanding Important Policy Elements, Resources for the Future, Washington, DC, 2011

Alternative Approaches to Climate Change, Aspen Energy Policy Forum, Aspen Institute, Aspen, CO, 2011

A Cleaner Way to Power? Briefing hosted by the Subcommittee on Energy and Power, Energy and Commerce Committee, U.S. House of Representatives, Washington, DC, 2011

U.S. and International Climate Change Policy Outlook, EPRI Global Climate Change Research Seminar, Washington, DC, 2011

U.S. Climate Change Policy Outlook, GTSP Annual Meeting: The Role of Technology in Addressing Climate Change, Washington, DC, 2011

State-Level Climate Policies: Lessons for National Efforts, Georgetown University Conference on Environmental Federalism: Current Issues and opportunities, Washington, DC, 2011

Promoting Clean Energy in the American Power Sector, America's Energy Future: New Solutions to Fuel Economic Growth and Prosperity, The Hamilton Project, Washington, DC, 2011

Confronting Domestic and Global Climate Strategies, XXXI MIT Global Change Forum, Brussels, Belgium, 2010

Keynote Address, Estimating Employment Impacts of Energy and Environmental Policies and Programs: Lessons Learned and Future Directions, Nicholas Institute for Environmental Policy Solutions Workshop, Washington, DC, 2010

Keynote Address, The Unconventional Gas Revolution – Policy, Strategic, and Market Implications, Washington Energy Policy Conference, National Capital Area Chapter, U.S. Association for Energy Economics, Washington, DC, 2010

Keynote Address, U.S. Climate Policy and Its Role in Financing REDD+. Forest Carbon Finance Summit 2010, Harvard Law School/Nicholas Institute/World Wildlife Fund, Washington, DC, 2010

Keynote Address, Board of Directors Dinner, Resources for the Future, Washington, DC, 2009

The Right Climate for Agreement: Designing the Post-2012 World, Bruegel, Brussels, Belgium, 2008

An Environmental Agenda for the Next Administration, Environmental Law and Policy Program Conference, University of Michigan, Ann Arbor, MI, 2008

From Kyoto to Copenhagen: How Can the U.S. Lead on Climate Change, Progressive Policy Institute, Washington, DC, 2008

Potential for a Global Carbon Market, Carbon Markets USA Conference, Washington, DC, 2008

The Climate Dialogue hosted by Prime Minister Rasmussen, Copenhagen, Denmark, 2008

Business Environmental Leaders Council Annual Meeting, Pew Center on Global Climate Change, Washington, DC, 2008

ZEW Wirtschaftsforum, Mannheim, Germany, 2008

Addressing Climate Change: A Discussion of Policy Options Workshop, Georgetown Center for Business and Public Policy and the U.S. Climate Task Force, Washington, DC, 2008

Architectures for Agreement: Addressing Global Climate Change in the Post-Kyoto World, Briefing for United Nations Secretary-General Ban Ki-moon, United Nations, New York, NY, 2008

Post-2012 International Climate Policy Architecture for Global Climate Change Workshop, Fondazione Eni Enrico Mattei, Venice, Italy, 2008

Climate Change, Growth, and Poverty Session, PREM Conference: Inclusive and Sustainable Growth, The World Bank, Washington, DC, 2008

Architectures for Agreement: Issues and Options for Post-2012 International Climate Policy, The Future of Climate Change: A Policy Preview Workshop hosted by Resources for the Future, San Francisco, CA, 2008

International Climate Policy Seminar, Chinese Academy of Social Sciences, Beijing, China, 2008

International Climate Policy Seminar, Energy Research Institute, National Development and Reform Commission, Beijing, China, 2008

International Climate Policy Seminar, Foreign Correspondents' Club of Japan, Tokyo, Japan, 2008

International Climate Policy Seminar, 21st Century Public Policy Institute/Keidenran Workshop, Tokyo, Japan, 2008

Value of a Statistical Life Workshop, Department of Homeland Security, Washington, DC, 2008

Global Roundtable on Climate Change, Earth Institute, Columbia University, New York, 2008

- What Price Energy Transformation: The Economics of Energy and Climate Change Seminar, hosted by the German Marshall Fund and EcoLogic, Washington, DC, 2008
- Domestic Climate Change Policy, Energy Policy Standing Committee, U.S. Conference of Mayors Winter Meeting, Washington, DC, 2008
- A Global Response to Climate Change, Presentation and Panel Discussion hosted by the Asia Society and the UN Foundation, New York, 2008
- Official Side Event, UN Framework Convention on Climate Change Conference of the Parties, Nusa Dua, Bali, Indonesia, 2007
- Climate Change Policy and Employment, Rockefeller Foundation Policy Impact Forum, presentations and briefings of representatives of six presidential campaigns, 2007
- The Road From Bali: Strategies for Post-Kyoto Global Climate Policy, Staff Briefing on UN Climate Change Conference in Bali hosted by the Select Committee on Energy Independence and Global Warming, Washington, DC, 2007
- Rethinking Climate Policy Workshop, AEI-Brookings Joint Center on Regulatory Studies, Washington, DC, 2007
- Strategies for Post-2012 Global Climate Policy, Roundtable Conversation at The Centre, Brussels, Belgium, 2007
- Federal Climate Policy – Design Principles and Remaining Needs Workshop, American Meteorological Society, Washington, DC, 2007
- Carbon Tax vs. Cap-and-Trade, Energy Tax Workshop, McDermott, Will, and Emery LLP, Washington, DC, 2007
- The Road from Bali to Copenhagen, Brookings Institution Energy Security Roundtable, Washington, DC, 2007
- New Directions in Regulatory Policy, Mossavar-Rahmani Center for Business and Government, John F. Kennedy School of Government, Cambridge, MA, 2007
- Kyoto at 10: What's Next for International Climate Change Policy, Breakfast Briefing for Business Community hosted by Harvard University and Resources for the Future, New York, NY 2007
- Strategies for Post-Kyoto Global Climate Policy Briefing, Resources for the Future, Washington, DC 2007
- Laboratory Energy R&D Working Group Meeting, Department of Energy, Washington, DC, 2007
- Economics of Climate Change Briefing for Democratic Budget Group, U.S. House of Representatives, 2007
- U.S. Climate Policy Forum, Resources for the Future, Washington, DC, 2007
- Council of Industrial Boiler Owners Environmental Committee Meeting, Washington, DC, 2007
- The Stern Review* and the Economic Analysis of Climate Change, Resources for the Future, Washington, DC, 2007
- Global Energy and Climate Change Policy and Research Symposium, UCLA Institute of Transportation Studies and UCLA Public Policy School, Lake Arrowhead, CA, 2006

Global Dialogue on Natural Resources, Center for Strategic and International Studies and The Dialogue–UAE, Washington, DC, 2006  
Taking Measure of U.S. Energy Policy: A Review of the Energy Policy Act of 2005, Resources for the Future, Washington, DC, 2005  
NCEP Climate Workshop Series: Design-Issues in Market-Based GHG Reduction Strategies, National Commission on Energy Policy, Washington, DC, 2005  
Leaders’ Summit on Post-Kyoto Architecture: Toward an L20?, Council on Foreign Relations, New York, NY, 2004  
Beyond Kyoto: Advancing the International Effort Against Climate Change Workshop, Pew Center on Global Climate Change, Cocoyoc, Mexico, 2003

**Conference and Workshop Panelist:**

Presidential Panel on Climate Change, Harvard University, Cambridge, MA 2015  
MIT Energy Conference, Cambridge, MA, 2013  
American Economic Association, Annual Meeting, Chicago, IL, 2012  
Innovative International REDD+ Partnerships Panel, High-Level Forest Climate Side Event, Avoided Deforestation Partners, COP-16, Cancun, Mexico, 2010  
Strategies for Low-Carbon Growth: Challenges and Opportunities in International Finance, Resources for the Future Side Event, COP-16, Cancun, Mexico, 2010  
The Road to and from Cancun, XXXI MIT Global Change Forum, Brussels, Belgium, 2010  
White, Blue, and Green Jobs Report Session, *National Journal* Workforce of the Future Conference, Washington, DC, 2010  
Design and Implementation of U.S. Climate Policy Conference, National Bureau of Economic Research, Washington, DC, 2010  
U.S. Climate Change Policy: What’s Next After Copenhagen? 2010 Energy Conference: Short-Term Stresses, Long-Term Change. U.S. Energy Information Administration Annual Conference, Washington, DC, 2010  
Environmental and Energy Economics Workshop, National Bureau of Economic Research Summer Institute, Cambridge, MA, 2009  
Greenhouse Gas Emissions: What’s Next? 2009 Energy Conference: A New Climate for Energy? U.S. Energy Information Administration Annual Conference, Washington, DC, 2009  
Containing Climate Change: Beyond Kyoto, Milken Institute Global Conference, Beverly Hills, CA, 2008  
Science & Society: Grand Challenges – Climate Change, AAAS Symposium, Washington, DC, 2007

**Conference Session Moderator/Facilitator/Host:**

The Future of Low-Carbon Road Transport: What Role for Second-Generation Biofuels? Harvard Kennedy School, Dearborn, MI, 2015  
*Climate Shock*, a Book Event Conversation with Gernot Wagner, Columbia University Center for Global Energy Policy, New York, NY, 2015

The Society for Benefit-Cost Analysis Annual Conference, Washington, DC, 2015,  
Plenary Address by Commissioner Connie Hedegaard, European Conference at Harvard  
University, Boston, MA, 2013  
MIT Energy Conference, Boston, MA, 2012  
GreenGov Symposium, Council on Environmental Quality, Washington, DC, 2010  
International Energy Workshop hosted by the International Energy Agency, Paris,  
France, 2008  
Post-2012 International Climate Policy Architecture for Global Climate Change  
Workshop, Fondazione Eni Enrico Mattei, Venice, Italy, 2008  
International Energy Workshop hosted by the Stanford Energy Modeling Forum, Palo  
Alto, CA, 2007  
Third World Congress of Environmental and Resource Economists, Kyoto, Japan, 2006  
International Energy Workshop hosted by the University of Cape Town Energy Research  
Centre, Cape Town, South Africa, 2006

**Testimonies:**

China's Energy Policies and Environmental Impacts, Hearing before the U.S.-China  
Economic and Security Review Commission, Washington, DC, 2008  
Economic Implications of Climate Policy, North Carolina Legislative Commission on  
Global Climate Change, Raleigh, NC, 2006

**Commencement Addresses:**

Nicholas School of the Environment, Duke University, Durham, NC, 2010  
The Lexington School, Lexington, KY, 2010

**Media – Interviews:**

Energy Policy in the New Year, *Living on Earth*, Public Radio International, 2015 (radio)  
Why the Job Market Actually Improved after the BP Oil Spill, *Washington Post*, 2014  
(transcript of interview; press)  
Fossil Fuel Subsidies under Fire, *Living on Earth*, Public Radio International, 2013 (radio)  
Saving Money with Environmental Regulation, *Living on Earth*, Public Radio  
International, 2013 (radio)  
U.S. Fossil Fuel Subsidies, *Commodities*, Business News Network (Canada), 2013 (TV)  
The Economics of a Carbon Tax, *Living on Earth*, Public Radio International, 2012 (radio)  
Energy and Climate Policy, *Power and Politics*, CBC (Canada), 2012 (TV)  
America 2021: What Next on Climate? *Democracy: A Journal of Ideas* 21: 40-58, 2011  
(transcript of roundtable conversation; press)  
Q&A Joe Aldy: Climate Legislation Must Be Kept Simple. *Nature* 470: 451, 2011 (press)  
Future of U.S. Climate Policy, *BBC World News*, BBC Radio, 2008 (radio)  
Climate Policy, *Dialogue*, CCTV-9 (China state-run English language TV network), 2008  
(TV)

**Media – Quotes and Research References in Press:**

**Teaching Experience:**

**Assistant Professor of Public Policy**

API-102, Economic Analysis of Public Policy, Harvard Kennedy School, 2011–2014, 2016  
API-164, Energy Policy Analysis, Harvard Kennedy School, 2012–2014, 2016

**Adjunct Assistant Professor/Lecturer**

ECON 275, Environmental Economics, Georgetown University, 2007, 2008  
PPOL 727, Economics of Climate Change, Georgetown Public Policy Institute, 2008  
440-632, Benefit-Cost Analysis, Johns Hopkins University, 2007  
Short Course on International Economics of Climate Change, Sherman Kent School for  
Intelligence Analysis, 2008, 2011, 2013, 2014

**Guest Lecturer**

Harvard Business School (2011, 2012, 2013, 2014), Columbia University (2011, 2014,  
2015), Carnegie Mellon University (2009, 2010, 2011, 2014), Harvard Kennedy School  
(2013), Massachusetts Institute of Technology (2011), Yale University (2007), ALI-ABA  
Climate Change and the Law Short Course (2007, 2008), Johns Hopkins University  
(2006), Howard University (2005), Harvard Law School (2004), Princeton University  
(1999), Duke University (1998)

**Teaching Fellow/Teaching Assistant**

EC 970, Economics of Climate Change, Sophomore Tutorial, Harvard University, 2002,  
2003  
EC 1410, Public Economics, Harvard University, 2003  
EC 1010a, Intermediate Microeconomics, Harvard University, 2001  
ENV 270, Resource and Environmental Economics, Nicholas School of the Environment,  
1994  
ENV 101, Introduction to Environmental Science and Policy, Duke University, 1994, 1995  
(Head TA)

**Journal Referee:**

American Economic Journal – Economic Policy, B.E. Journals in Economic Analysis &  
Policy, Climate Policy, Climatic Change, Ecological Economics, Economics, Economics of  
Energy and Environmental Policy, Economics Letters, Energy Economics, Energy Policy,  
Environment and Development Economics, Environmental and Resource Economics,  
European Journal of Health Economics, Foundations and Trends in Microeconomics,  
Global Environmental Change, International Economic Review, International  
Environmental Agreements, Journal of the Association of Environmental and Resource

Economics, Journal of Benefit-Cost Analysis, Journal of Economic Theory, Journal of Environment and Development, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Health Economics, Journal of Human Resources, Journal of Policy Analysis and Management, Journal of Political Economy, Journal of Public Administration Research and Theory, Journal of Public Economics, Journal of Risk and Uncertainty, Nature Climate Change, Nature Energy, Proceedings of the National Academy of Sciences, Quarterly Journal of Economics, Resource and Energy Economics, Review of Economic Studies, Science, Southern Economic Journal, The Energy Journal, Water Resources Research

**Reviewer:**

Academic Press:

Cambridge University Press

Oxford University Press

Government:

Department of Energy

Department of Health and Human Services

Department of Transportation

Environmental Protection Agency

National Research Council

National Science Foundation

Office of Management and Budget

U.S. Carbon Cycle Science Steering Group

U.S. Climate Change Science Program

Intergovernmental Organization:

Intergovernmental Panel on Climate Change

International Monetary Fund

World Bank

NGO/Foundation:

Brookings Institution

Center on Global Energy Policy

Environmental Defense Fund

Pew Center on Global Climate Change

Smith Richardson Foundation

World Resources Institute

Conferences and Workshops:

World Congress of Environmental and Resource Economists, 2014

International Energy Workshop, 2006-2008

*Frontiers of Environmental Economics* Conference, 2007



**Fellowships:**

Switzer Fellowship Program, 2015  
Joseph Crump Fellowship Program, 2013, 2014, 2015  
Harvard Environmental Economics Program Student Prizes, 2013  
Morris K. Udall Foundation Dissertation Fellowship Competition, 2007, 2008

**Member:**

American Economic Association  
Association of Environmental and Resource Economists  
International Association for Energy Economics

**Other Professional Activities:**

Co-Organizer and Program Committee Member, *Frontiers of Environmental Economics* Conference, Resources for the Future, Washington, DC, 2007  
Organizer, RFF Academic Seminar Series, 2006-2008  
Member, Government Accountability Office Expert Panel on Greenhouse Gas Emissions Trading, organized by National Academy of Sciences, 2008  
Member, Government Accountability Office Expert Panel on Climate Change Economics, organized by National Academy of Sciences, 2007  
Member, Government Accountability Office Expert Panel on the Strategic Petroleum Reserve, organized by National Academy of Sciences, 2006  
Advisor, Progressive Policy Institute Energy and Environment Project, 2006-2008  
Contributor, *ClimatePolicy* blog, [www.climatepolicy.org](http://www.climatepolicy.org), sponsored by AMS, 2007

**Consulting Experience:**

Administrative Conference of the United States, American Economic Association, Boston College, Cambridge University Press, Canada2020, Center for American Progress, Center for Disease Dynamics Economics and Policy, Chevron, Council on Foreign Relations, Duke University, Electric Power Research Institute, ExpoGestion 2011, Fondation pour les Etudes et Recherches sur le Développement International, Garten Rothkopf, Harvard Kennedy School, Health Canada, Hewlett Foundation, International Monetary Fund, Journal of Political Economy, Massachusetts Institute of Technology, Moore Foundation, NERA, Office of the Prime Minister of Denmark, Government of Qatar, Pew Center on Global Climate Change, Princeton University, Property & Environment Research Center, Research Institute of Innovative Technology for the Earth, Resources for the Future, Rockefeller Foundation, SAIC/LEIDOS, Smith Richardson Foundation, The Hamilton Project, Udall Foundation, U.S. Department of Energy, U.S. Department of Health and Human Services, U.S. Department of Homeland Security, U.S. Environmental Protection Agency, University of Pennsylvania, University of North Carolina–Wilmington, Vanderbilt University, World Bank, World Wildlife Fund–United States

**Graduate School Advisors:**

David Cutler (Harvard University)

Caroline Hoxby (Stanford University, formerly Harvard University)

Robert N. Stavins (Harvard Kennedy School)

W. Kip Viscusi (Vanderbilt University; formerly Harvard Law School)