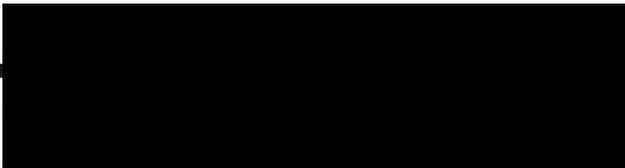


**Committee on Energy and Commerce**  
**U.S. House of Representatives**  
 Witness Disclosure Requirement - "Truth in Testimony"  
 Required by House Rule XI, Clause 2(g)

1. <b>Your Name:</b> James A. Bradbury		
2. <b>Are you testifying on behalf of the Federal, or a State or local government entity?</b>	Yes	<input checked="" type="radio"/> No
3. <b>Are you testifying on behalf of an entity that is not a government entity?</b>	<input checked="" type="radio"/> Yes	No
4. <b>Other than yourself, please list which entity or entities you are representing:</b> World Resources Institute		
5. <b>Please list any Federal grants or contracts (including subgrants or subcontracts) that you or the entity you represent have received on or after October 1, 2011:</b> see attached		
6. <b>If your answer to the question in item 3 in this form is "yes," please describe your position or representational capacity with the entity or entities you are representing:</b> Senior Associate, Climate & Energy Program		
7. <b>If your answer to the question in item 3 is "yes," do any of the entities disclosed in item 4 have parent organizations, subsidiaries, or partnerships that you are not representing in your testimony?</b>	Yes	<input checked="" type="radio"/> No
8. <b>If the answer to the question in item 3 is "yes," please list any Federal grants or contracts (including subgrants or subcontracts) that were received by the entities listed under the question in item 4 on or after October 1, 2011, that exceed 10 percent of the revenue of the entities in the year received, including the source and amount of each grant or contract to be listed:</b> N/A		
9. <b>Please attach your curriculum vitae to your completed disclosure form.</b> see attached		

Signature



Date: May 6, 2013

**World Resources Institute and Subsidiary**

Supplemental Schedule of Expenditures of Federal Awards

Year ended September 30, 2012

Federal Grantor Program Title	Federal Contract Number	Federal CFDA Number	Expenses
<b>U.S. Agency for International Development:</b>			
Governing Ecosystems*	EEF-A-00-02-00056-00	98.001	\$ 453,192
Improved Governance & Sustainable Use of Forest Resources*	623-A-00-06-00048-00	98.001	1,169,193
Forestry Legality Alliance*	EFM-A-00-09-0012-00	98.001	858,861
The Brazilian Business and Ecosystem Services Partnership*	AID-512-A-11-00003	98.002	164,749
Pass-through from ARD, Inc.*	1810-330	98.000	31,266
Pass-through from ARD, Inc.*	EPP-1-00-06-00008	98.000	40,284
Pass-through from ARD, Inc.*	PLACI-1QC-WRI-001	98.000	135,214
Pass-through from ARD, Inc.*	EPP-1-02-06-00008-00	98.000	8,466
Pass-through from DAI*	AID-486-C-11-00004	98.001	38,460
Pass-through from ISC*	486-A-09-00007	98.001	324,269
Pass-through from Noblis*	GS-35F-0590W	98.003	5,101
Pass-through from TNC*	AFR_WRI_021111	98.001	176,903
Total for U.S. Agency for International Development			3,405,958
<b>U.S. Environmental Protection Agency:</b>			
Product Lifecycle, Supply Chain Standards & Emissions Mgmt tools	XA-83420601-3	66.034	152,578
Targeted Watershed Initiative	1810-330	66.439	16,862
Total for U.S. Environmental Protection Agency			169,440
<b>U.S. Department of Agriculture</b>			
Online Multi-state water quality trading platform*	69-3A75-10-144	10.912	283,757
Performance in the Chesapeake Watershed	58-6000-1-0063	10.250	100,000
Application, enhancement and evaluation of NTT - Mississippi River Basin*	69-3A75-11-224	10.912	46,856
Senegal Retrospective Study	12-DG-11132762-439	10.000	13,708
			444,321
<b>U.S. Department of the Interior</b>			
PEP/RRR - CARIBBEAN	CRI-WRI-3	15.875	85,020
			85,020
<b>U.S. Dept. of Energy</b>			
Pass-through from Alliance for Sustainable Energy	LXI-2-22131-01	81.000	122,455
Pass through from The Regents of the Univ. of CA L. Berkeley National Laboratory	DE-AC02-05C111231	81.000	22,398
US-China - Advanced coal tech collaboration	10-733-WRI	81.087	140,059
			284,912
<b>Total Federal Expenditures</b>			\$ 4,389,651

\*Major Program

# JAMES BRADBURY



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**EDUCATION**     1/02-8/06 **Ph.D. Geosciences** University of Massachusetts, Amherst  
9/99-5/01 **M.S. Hydrology**, University of New Hampshire, Durham  
9/90-5/95 **B.A. Geology**, Colorado College, Colorado Springs

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## EXPERIENCE

- 9/09-present     **World Resources Institute**, Washington, D.C.     **Senior Associate**  
Lead research projects on policy and energy markets at the U.S. federal and state level. Responsibilities include project and staff management, fundraising, communications and public outreach
- Conduct research and analysis on U.S. industrial energy efficiency and upstream greenhouse gas emissions from U.S. natural gas systems
  - Convene stakeholders to address complex issues from diverse perspectives and to highlight WRI research findings
  - Deliver timely legislative analysis and testimony to Capitol Hill
  - Represent WRI in a variety of public contexts, including as a member of the U.S. Department of Commerce’s Renewable Energy and Energy Efficiency Advisory Committee, USCAP Steering Committee, and the National Petroleum Council
  - Earned WRI President’s Award for outstanding work on “Clearing the Air”
- 9/07-8/09     **Congressman Jay Inslee (WA-1)**, Washington, D.C.     **Senior Legislative Assistant/  
9/06-8/07     AAAS Science & Technology Policy Fellow**  
Worked to advance a climate and clean energy agenda through the 110<sup>th</sup> and 111<sup>th</sup> Congresses. Legislative portfolio included climate and energy, oceans and fisheries and agriculture
- Staffed congressional hearings and mark-ups with Energy and Commerce, Natural Resources and Select Committee on Energy Independence and Global Warming
  - Drafted clean energy and climate legislation, including several provisions of the American Clean Energy and Security Act of 2009 (HR 2454; Waxman-Markey)
  - Built political coalitions in support of Rep. Inslee’s legislation and initiatives through effective communication with members of the House and Senate and their staff
  - Met regularly with a wide variety of constituents, technology and policy experts; striving to understand their issues and to substantively address their needs
- 8/05-8/06     **Union of Concerned Scientists**, Boston, MA     **Contributing Author**  
Conducted regionally focused analyses of instrumental observations and climate model simulations for the *Northeast Climate Impacts Assessment*, a multi-institute integrated sciences assessment of past and projected climate change impacts in the northeastern U.S.
- 1/02-8/06     **University of Massachusetts**, Amherst, MA     **Research Assistant**  
Assessed strengths and limitations associated with regional-scale climate modeling in East Asia through hind-cast simulations and comparisons with global and regional-scale observational datasets. Presented graduate and undergraduate-level lectures on topics including climate forecasting, climate modeling, plus global and regional climate change.
- 6/01-12/01     **University of New Hampshire**, Durham, NH     **Research Staff/  
1/00-5/01     Research Assistant**  
Contributor to the Atmospheric Investigation, Regional Modeling, Analysis and Prediction (AIRMAP) project, including a case study on water resources to the New England Regional Overview for the U.S. Global Change Research Program’s National Assessment. Evaluated statistical relationships between hydrologic drought in New England and El Niño and other large-scale atmospheric circulation patterns.

## PUBLICATIONS

### Peer Reviewed, Policy

- Bradbury, J.A., M. Obeiter, L. Draucker, W. Wang and A. Stevens, 2013. [Clearing the Air](#): Reducing Upstream Greenhouse Gas Emissions from U.S. Natural Gas Systems. *World Resources Institute*, Working Paper, pp.60.
- Aden, N., J.A. Bradbury, J.A. and F. Tompkins, 2013. Midwest Paper Manufacturing: The business case for energy efficiency improvements. *World Resources Institute*, Report (*in press, expected publication: April, 2013*).
- Bradbury, J.A., 2012. [U.S. Electricity Markets Increasingly Favor Alternatives to Coal](#), *World Resources Institute*, Factsheet, pp. 4.
- Bradbury, J.A., N. Aden, A. Nadav and J. Cuttica, 2012. [Midwest Manufacturing Snapshot](#): Energy Use and Efficiency Policies. *World Resources Institute*, Working Paper, pp. 56.
- Heilmayr, R. and J.A., Bradbury, 2011. Effective, efficient or equitable: Using allowance allocations to mitigate emissions leakage. *Climate Policy*, 11(4), 1113-1130.
- Bradbury, J.A., 2010. [EPA, The Clean Air Act, and U.S. Manufacturing](#), *World Resources Institute*, Factsheet, pp. 4.
- Werksman, J., J.A. Bradbury and L. Weischer, 2009. [Trade Measures and Climate Change](#): Searching for Common Ground on an Uneven Playing Field. *World Resources Institute*, Working Paper, 13 pp.

### Peer Reviewed, Climate Science

- Hayhoe, K., C.P. Wake, B. Anderson, X-Z Liang, E. Mauer, J. Zhu, J.A. Bradbury, A. Degaetano, A.M. Stoner, D. Wuebbles, 2008. Regional Climate Change Projections for the Northeast USA. *Mitigation and Adaptation Strategies for Global Change*, 13(5-6), 425-436.
- Hayhoe, K. C.P. Wake, T.G. Huntington, L. Luo, M.D. Schwartz, J. Sheffield, E. Wood, B. Anderson, J. Bradbury, A. Degaetano, T. J. Troy, D. Wolfe, 2007. Past and Future changes and hydrological indicators in the U.S. Northeast. *Climate Dynamics*, 28(4), 381-407.
- Bradbury, J. A., B. D. Keim, and C. P. Wake, 2003. The influence of regional storm tracking and teleconnections on winter precipitation in the Northeastern United States. *Annals of the Association of American Geographers*, 93(3), 544-556.
- Bradbury, J. A., B. D. Keim, and C. P. Wake, 2002. U.S. East Coast trough indices at 500-hPa and New England winter climate variability. *Journal of Climate*, 15, 3509-3517.
- Bradbury, J. A., S. L. Dingman, and B. D. Keim, 2002. Relation of New England hydroclimate to large-scale atmospheric circulation patterns. *Journal of the American Water Resources Association*, 38, 1287-1299.

### Legislative Summaries:

- Bianco, N., K. Kennedy, and J. Bradbury, "WRI Summary of the Clean Energy Standard Act of 2012, S. 2146," *World Resources Institute* (Mar., 2012).
- Larsen, J., J.A., Bradbury, A. Kelly, and A. Bishins, "WRI Summary of the American Power Act (Kerry-Lieberman)," *World Resources Institute* (June, 2010).
- Bradbury, J.A., Larsen, J., Kelly, A., Ziegler, M. and Bishins, A., "WRI Summary of S.1462, the American Clean Energy Leadership Act," *World Resources Institute* (May, 2010).
- Larsen, J. and J.A. Bradbury, "WRI Summary of the CLEAR Act," *World Resources Institute* (Feb., 2010).
- Larsen, J., A. Kelly, J.A. Bradbury, F. Litz, S. Forbes and N. Bianco, "WRI Summary of the Clean Energy Jobs and American Power Act (Kerry-Boxer)," *World Resources Institute* (Oct., 2009).

### Other

- WRI Blogs: <http://insights.wri.org/expert/james-bradbury>
- Miles, E.L. and J.A. Bradbury, 2009 "What Can Be Done to Address Ocean Acidification Through U.S. Policy and Governance?" *Current*, Vol. 25, No 1, pp. 30.
- Rickerson, W., F. Bennhold, J.A. Bradbury, 2008. "Feed-in Tariffs and Renewable Energy in the U.S.A: A Policy Update." *North Carolina Solar Center; Heinrich Boll Foundation North America and the World Future Council*, 27 pages.
- Bradbury, J. A. 2001. "Climate Impacts on Regional Water. Case Study 3: The Relationship Between the Winter North Atlantic Oscillation (NAO) Index and Streamflow." In New England Regional Overview. New England Regional Assessment Group. *U.S. Global Change Research Program*.

## LEGISLATIVE EXPERIENCE

### **Bills and Amendments Passed Through U.S. House (111<sup>th</sup> Congress; HR 1 and HR 2454)**

- Climate policy provision to prevent job and emissions leakage (Inslee-Doyle; HR 1759)
- Expand electric transmission siting authority in Western U.S. (Inslee-B. Markey)
- Study and reduce black carbon emissions (Black Carbon Reduction Act; HR 1760)
- Formally establish the National Bioenergy Partnership (amendment)
- Enable State adoption of feed-in tariff policies (Castor-Inslee)
- Expand production of advanced electric transmission technologies (Hoyer; HR 2347)
- Require American Recovery and Reinvestment Act funds to State Energy Offices be used to expand existing RE&EE programs (Inslee-Welch)

### **Bills Drafted and Introduced (111<sup>th</sup> and 110<sup>th</sup> Congress)**

- National Clean Energy Superhighways Act (H.R. 2211)
- Industrial Cogeneration Act (H.R. 2001) – Passed into law
- New Apollo Energy Act (H.R. 2809)
- Arctic Climate Preservation Act (H.R. 7250)
- Carbon Leakage Prevention Act (H.R. 7146)
- The National Bioenergy Partnership Act (HR 6738)
- Renewable Energy Jobs and Security Act; a federal feed-in tariff bill (H.R. 6401)
- Rural Clean Energy Superhighways Act (H.R. 4059)
- Federal Low Carbon Fuels Act (H.R. 2215)
- Home Energy Generation Act; net metering and interconnection (H.R. 729)

## CONFERENCE & WORKSHOP PRESENTATIONS *(select)*

### **Policy**

- Energy Markets and Policy *(Invited panelist)*; Duke University Energy Conference, Fuqua School of Business, Durham, NC, November 28, 2012
- Upstream Greenhouse Gas Emissions from Natural Gas Systems *(Organized and Presented)*; cosponsored by the WRI & Environmental Defense Fund, Washington DC, October 16th, 2012.
- International Trade and Carbon: It's a Competitive World *(Invited panelist)*; International Emissions Trading Association Carbon Forum North America, Washington DC, October 1, 2012
- The Size of the Prize: Midwest Industrial Energy Efficiency Summit *(Organized and presented)*; cosponsored by the Midwestern Governors Association, Midwestern Energy Efficiency Alliance, Great Plains Institute. Chicago, Illinois, January 11 2012.
- Fiscal Reform and Climate Protection: Considering a U.S. Carbon Tax; A Joint RFF/PIIE Workshop *(Invited respondent)*. Washington, D.C. October 18, 2011.
- Capitol Hill Briefing: Business and Public Interest Perspectives on EPA Greenhouse Gas Regulations *(Organized and moderated)*. World Resources Institute. Washington, D.C., February 9, 2011.
- Carbon Leakage Provisions Proposed in US Federal Climate Legislation *(Invited speaker and panelist)*. Benchmarking Symposium for Western Climate Initiative. Seattle, WA, May 19, 2010.
- Roundtable Workshop on Climate, Competitiveness & Jobs *(Organized, moderated and presented)*. World Resources Institute full day event. Washington, D.C., May 7, 2010.
- Recent Developments in U.S. Climate Policy *(Invited panelist)*. Harvard Electricity Policy Group, Fifty-Eighth Plenary Session. Santa Monica, CA, February 25, 2010.
- The Political Economy of Canadian and US Cap-and-Trade Policies *(Invited panelist)*. C.D. Howe Institute and the Peterson Institute for International Economics. Washington, D.C., February 3, 2010.
- Linkages between Climate Change Policy and Trade Policy *(Invited panelist)*. Peterson Institute for International Economics and WRI. Washington, D.C., September 14, 2009.
- Solar Policies and Incentives: Review of Current Policies and Incentives in our Region Policies. *(Invited panelist)* Solar Energy: Focus 2009, MDV-SEIA. Annapolis, MD, December 5, 2009.
- Addressing Competitiveness Concerns *(Invited panelist)*. Carbon Market Insights Americas 2008. Marriott Wardman Park Hotel, Washington D.C., November 12-14, 2008.

- Federal Policy Panel (*Invited panelist*). Northern California Power Agency and Northwest Public Power Association. Washington, D.C., April, 2008.
- Climate Change Policy (*Invited speaker*). National Association of State Energy Officials, Winter Meeting. Washington, D.C., February 3-5, 2008.
- Legislative Agenda for Addressing the Carbon Problem (*Invited panelist*). National Council for Science and Environment, 8th National Conference on Science, Policy and the Environment. Washington, D.C., January 18, 2008.

### Climate Science

- Bradbury, J. A., 2007. "New England Hydrology; a Tribute to S. Lawrence Dingman." (*Invited speaker*) The Geological Society of America, Northeastern Section Meeting, Durham, N.H., March 12-14.
- Bradbury, J. A., 2004. "Recent Hydroclimate Variability in New England and Implications for Future Prediction." (*Invited speaker*) Conference on Emerging Issues in Water Resources in the Northeast. University of Massachusetts, Amherst, MA, Oct. 22.
- Bradbury, J. A., C. P. Wake and B. D. Keim, 2002. "Selecting Suitable Variables for Numerical Prediction Models of New England Winter Hydroclimate." Climate Prediction Assessments Workshop- Research and Applications on Use and Impacts, Alexandria, VA, Oct. 28-30.

### RESEARCH MEETINGS AND WORKSHOPS (*select*)

- Rickerson, W., J.A. Bradbury, F. Bennhold, 2008. "The Status and Outlook for Feed-in Tariffs in the United States of America." World Wind Energy Association, 7th Annual Conference, Kingston, Ontario, June 23.
- Bradbury, J. A., R. S. Bradley, C. M. Ammann, W.-C. Wang, W. Gong, 2005. "East Asian Monsoon and Hadley Circulation Response to Major Volcanic Eruptions: a Test of Model Skill with Paleoclimate Data." CCSM 10<sup>th</sup> Annual Workshop, Breckenridge, CO, June 21-23.
- Bradbury, J. A., B. D. Keim and C. P. Wake, 2001. "East Coast Pressure Trough Indices and New England Winter Climate Variability." Eos. Trans. AGU, 82(47), Fall Meeting Abstract A12A-0038.
- Bradbury, J. A., S. L. Dingman, L. D. Meeker, and B. D. Keim, 2001. "Relations of Large-Scale Atmospheric Circulation Patterns to Streamflow Variability in New England." Eos. Trans. AGU, 82(20), Spring Meet. Suppl., Abstract H22D-05.

### TEACHING EXPERIENCE

- 2009 – 2012 Several lectures on climate science, greenhouse gas emissions and energy policy design:
  - Duke University custom course on NEPA for the NRC (through ICF)
  - Georgetown University Law School and American University
- 2002 – 2006 Graduate-level lectures in UMass Dept. of Geosciences on topics including:
  - Global teleconnection patterns and seasonal climate forecasting;
  - Global and regional climate modeling and applications for paleoclimate research;
  - Climate variability and change in the northeastern United States.

### FIELD RESEARCH EXPERIENCE

- 2002 Field Assistant on Lake Tuborg, Ellesmere Island, Nunavut, Canada
  - One month field season studying lacustrine sedimentation processes in both glacial- and nival-fed river delta systems.
- 1990-1995 Geology field trips while at Colorado College, CO
  - Over 4 months of structural and geologic mapping throughout the American West through college sponsored and independent studies.

### ACADEMIC AWARDS AND GRANT SUPPORT

- 1/2002 – 8/2006 **Research Assistantship**, UMass, Amherst  
U.S. Department of Energy, Climate Change Prediction Program
- 5/2004 **Travel Grant**, UMass Geography Alumni Award and Gloria Radke Prize
- 1/2000 - 5/2001 **Research Assistantship**, UNH, Iola Hubbard Climate Change Endowment
- 1999 **Scholarship**, UNH, Earth Science Department