

## LEIGH S. RAYMOND

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Associate Director, Purdue Climate Change Research Center  
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### EDUCATION

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Ph.D. Environmental Science, Policy, & Management, U. of California at Berkeley, July 2000

Dissertation Title: *Private Rights in Public Resources: The Role of Equity in Market-Based Environmental Policies*

Guiding Committee: Sally K. Fairfax (Chair), Louise Fortmann, Kate O'Neill, John Dwyer

M.S. Wildland Resource Science, U. of California at Berkeley, May 1996

B.A. Philosophy, *Summa Cum Laude*, Yale University, May 1988

### ACADEMIC APPOINTMENTS

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Associate Professor of Political Science, Purdue University, August 2006 - present

Associate Director, Purdue Climate Change Research Center, January 2005 - present

Assistant Professor of Political Science, Purdue University, August 2002 - July 2006

Lecturer and Associate Chair, Environmental Studies Program, Univ. of Chicago, 2000 - 2002

### PUBLICATIONS

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#### Refereed Books

S. K. Fairfax, L. Gwin, M. A. King, L. Raymond, and L. A. Watt. 2005. *Buying Nature: The Limits of Land Acquisition as a Conservation Policy in the United States, 1785-2002*. Cambridge: MIT Press.

L. Raymond. 2003. *Private Rights in Public Resources: Equity and Property Allocation in Market-Based Environmental Policy*. Washington D.C.: Resources For the Future Press.

#### Refereed Book Chapters

S. K. Fairfax, H. Ingram, and L. Raymond. 2009 (forthcoming). An Historical Perspective on Resources Law and Policy. In *Evolution of Natural Resources Law and Policy*, ed. Sarah Bates Van de Wetering and Larry MacDonnell. Boulder: University of Colorado Natural Resources Law Center.

L. Raymond. 2008. Allocating the Global Commons: Theory and Practice. In *Political Theory and Global Climate Change*, ed. Steven Vanderheiden. Cambridge: MIT Press.

#### Refereed Journals/Law Reviews

L. Raymond and A. Olive. 2009 (forthcoming). Ideas, Discourse, and Rhetoric in Political Choice. *Polity*.

L. Raymond and A. Olive. 2008. Landowner Beliefs Regarding Biodiversity Protection on Private Property: An Indiana Case Study. *Society and Natural Resources* 21(6): 483-497.

K. R. Gurney and L. Raymond. 2008. Targeting Deforestation Rates in Climate Change Policy: A Preservation Pathway Approach. *Carbon Balance and Management* 3(2): (03 March 2008).

**PUBLICATIONS (continued)**

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Refereed Journals/Law Reviews (continued)

- N. S. Diffenbaugh, F. Giorgi, L. Raymond, and X. Bi. 2007. Indicators of 21<sup>st</sup> Century Socioclimatic Exposure. *Proceedings of the National Academy of Sciences* 104: 20195-20198.
- L. Raymond. 2006. Viewpoint: Cutting the “Gordian Knot” in Climate Change Policy. *Energy Policy* 34: 655-658.
- L. Raymond. 2006. Cooperation Without Trust: Overcoming Collective Action Barriers to Endangered Species Protection. *Policy Studies Journal* 34(1): 35-55.
- L. Raymond. 2004. Economic Growth as Environmental Policy? Reconsidering the Environmental Kuznets Curve. *Journal of Public Policy* 24(3): 327-348.
- L. A. Watt, L. Raymond, and M. Eschen. 2004. On Preserving Cultural and Ecological Landscapes. *Environmental History* 9(4): 620-647.
- L. Raymond. 2002. Localism in Environmental Policy: New Insights from an Old Case. *Policy Sciences* 35: 179-201.
- L. Raymond and S. K. Fairfax. 2002. The Shift to Privatization in Land Conservation: A Cautionary Essay. *Natural Resources Journal* 42(3): 599-639.
- S. Macinko and L. Raymond. 2001. Fish on the Range: The Perils of Crossing Conceptual Boundaries in Natural Resource Policy. *Marine Policy* 25(2): 123-131.
- P. Baer, J. Harte, B. Haya, A. Herzog, J. Holdren, N. Hultman, D. Kammen, R. Norgaard, and L. Raymond. 2000. Equity and Greenhouse Gas Responsibility. *Science* 289: 2287.
- L. Raymond and S. K. Fairfax. 1999. Fragmentation of Public Domain Law and Policy: An Alternative to the ‘Shift to Retention’ Thesis. *Natural Resources Journal* 39: 649-753.
- L. Raymond. 1997. Viewpoint: Are Grazing Rights on Public Lands a Form of Private Property? *Journal of Range Management* 50: 431-38.
- L. Raymond. 1996. The Ethics of Compensation: Takings, Utility, and Justice. *Ecology Law Quarterly* 23: 577-622.

Book Reviews & Review Essays

- L. Raymond. 2006. Review of *Environmentality*. *Comparative Political Studies* 39: 261-265.
- L. Raymond. 2004. Review of *Finding Common Ground: Governance and Natural Resources in the American West*. *Society and Natural Resources* 17: 756-758.
- L. Raymond. 2003. Invited review essay: Sovereignty Without Property: Recent Books in Public Lands Scholarship. *Natural Resources Journal* 43(1): 313-330.

Other Publications

- D. J. Gotham, F. D. Holland, D. G. Nderitu, P. V. Preckel, L. Raymond, G. E. Shively, Z. Yu. 2008. *The Projected Impacts of Carbon Dioxide Emissions Reduction Legislation on Electricity Prices in Indiana*. State Utility Forecasting Group, Discovery Park Energy Center, and Purdue Climate Change Research Center.

**PUBLICATIONS (continued)**

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Other Publications

- L. Raymond and J. Shively. 2008. Market-Based Approaches to CO2 Emissions Reduction. *Choices* 23(1): 38-40.
- L. Raymond and G. Shively. 2007. *A Primer on Market-Based Approaches to CO2 Emission Reductions*. Purdue Climate Change Research Center policy brief 0701.
- L. Raymond, et al. (28 students and 5 faculty/staff members). 2007. *Carbon Neutrality At Purdue*. Detailed summary of university's "carbon footprint" and steps toward zero net carbon emissions.

**RESEARCH GRANTS AND AWARDS**

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- National Science Foundation Research Grant. *Social, Economic, and Political Aspects of U.S. Ethanol Policy*. Co-PI w/D. Wegener (PI) and W. Tyner (\$749,961), 2008 - 2011
- National Science Foundation MUSES Research Grant. *Investigating the Life Cycle and Policy Aspects of Brominated Flame Retardants*. Co-PI w/I. Hua (PI) and T. Seager (\$400,000), 2005 - 2009
- Purdue University *Center for Behavioral and Social Sciences Fellowship*. Fellowship funds semester research leave, 2009
- Purdue Discovery Park Center For the Environment Seed Grant. *Affirmative and Negative Motivations for Compliance in Emissions Trading*, Co-PI w/ T. Cason (\$25,000), 2007
- Clifford Kinley Trust Fund Research Grant. *Protecting Biodiversity on Private Property: The Role of Landowner Beliefs and Norms* (\$20,000), 2005-06
- USGS/Indiana Water Resources Research Center Grant. *Norms, Public Opinion, and Preservation of "Non-charismatic" Aquatic and Riparian Species* (\$27,478), 2004-05
- Purdue Research Foundation Research Grant, *Legitimacy: Affirmative Motivations for Compliance with the Endangered Species Act*. (\$15,216), 2008-09
- Purdue Discovery Park Proposal to create *Center for the Environment*. Co-PI w/22 other faculty (\$1,500,000), 2005 - 2008
- Purdue University International Travel Grant (\$1,400), 2005
- Purdue College of Liberal Arts Extramural Grant Application Summer Stipend (\$4,050), 2004
- Purdue College of Liberal Arts Research Incentive Awards (4 total: \$900-\$1,000 each), 2004 - 2007
- Purdue College of Liberal Arts Research and Discovery Support Program Award (\$1,000), 2004
- Purdue Research Foundation Summer Faculty Research Grant (\$7,000), 2003
- U.S. EPA Science To Achieve Results (STAR) Dissertation Fellowship (~\$100,000), 1998 - 2000
- Switzer Foundation Environmental Leadership Fellowship (\$10,000), 1997
- Lincoln Institute of Land Policy Dissertation Fellowship (\$2,500), 1997

## **TEACHING EXPERIENCE, GRANTS, AND HONORS**

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### Graduate Courses

*Research Seminar on Environmental Risk Policy*, Purdue University  
*Professional Seminar in Public Policy*, Purdue University  
*Models in Climate Change Science and Policy*, Purdue University  
(Co-instructor with Dr. Matt Huber, Earth and Atmospheric Sciences dept.)  
*Research Seminar in Environmental Policy*, Purdue University  
*The Political Economy of the Environment*, Purdue University  
*Carbon Neutrality at Purdue*, Purdue University  
(Co-instructor with five other faculty members across Purdue campus)  
*Ethics and Public Policy*, Harris School of Public Policy, University of Chicago  
*Graduate Environmental Studies Workshop*, University of Chicago

### Undergraduate Courses

*Environmental Federalism*, Purdue University  
*Introduction to Environmental Policy*, Purdue University  
*Introduction to Public Policy*, Purdue University  
*Is Development Sustainable?* University of Chicago  
*The Environment in U.S. Politics*, University of Chicago  
*Environmental Policy*, University of Chicago  
*American Land: Interpretation, Use, and Control*, U. of California at Berkeley

### Graduate and Undergraduate Advising

Chair, 2 completed Ph.D. dissertations in Political Science, Purdue University.  
Chair, 2 active Ph.D. committees in Political Science, Purdue University  
Member, >20 active M.S. and Ph.D. committees in multiple departments, Purdue University  
Senior B.A. Honors Thesis Advisor, Purdue University  
Senior B.A. Thesis Advisor/Reader, University of Chicago

### Teaching Grants and Honors

Purdue Teaching and Learning Technology Digital Content Development Grant. *Integrating Models of Climate Change for Cross-Disciplinary Learning*. PI w/Co-PI M. Huber (\$8,750), 2005-06  
National Science Foundation LANGURE Grant for Developing Research Ethics Course for Ph.D. Students. Senior Fellow, 2005-08  
Dept. of Political Science Undergraduate Teaching Award, Purdue University, 2005-06 & 2007-08  
Nominee, Charles B. Murphy Outstanding Undergraduate Teaching Award, Purdue Univ., 2005-06  
Professor of the Year, *Pi Sigma Alpha Political Science Honors Society*, Purdue Chapter, 2004-05  
Outstanding Graduate Student Instructor Award, U. of California at Berkeley, 1998

## **INVITED PRESENTATIONS**

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Woodrow Wilson Center *Governing the Climate Panel*, January 2009  
Title: The Emerging Revolution in Emissions Trading Policy

University of Virginia Miller Center *National Conference on Climate Change Governance*, Dec. 2008  
Title: The Emerging Revolution in Emissions Trading Policy

University of Chicago *Conference on Sustainable Development*. May 2008  
Title: Is Commodifying Nature Sustainable?

Harvard University *Electricity Policy Group Quarterly Seminar*, December 2007  
Invited presenter: "Allocation of Carbon Emissions Allowances" session

**INVITED PRESENTATIONS (continued)**

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Purdue University *Seminar Series in Bioethics*, November 2007

Title: The Ethics and Politics of Climate Change

Purdue University *New Faculty Sponsored Research Orientation*, September 2007

Title: Research Experiences Of A (Not So) New Faculty Member

University of Colorado *Natural Resources Law Center 25<sup>th</sup> Anniversary Conference*, June 2007

Title: Historical Evolution of Natural Resources Law & Policy (w/S. K. Fairfax & H. Ingram)

MIT *Center for Energy and Environmental Policy Research Workshop*, December 2006

Invited presenter: "Carbon Emissions Trading and National Allocations" session.

*Dissertation Initiative for the Advancement of Climate Change Research*, April 2006

"Mid-career" mentor at week long, NSF-funded program for 35 recent Ph.D. graduates studying climate change science and policy

Stanford University *Environmental Law and Policy Workshop*, March 2006

Title: Conserving Biodiversity on Private Lands: Views from a "Red" State

Southern Illinois University, *Environmental Resources and Policy Symposium*, May 2005

Title: Privatizing Water: Lessons from Other Market-Based Environmental Policies

Purdue University, *Department of Ecology*, February 2005

Title: Free Market Environmentalism and the Bush Administration

University of Chicago Harris School of Public Policy, *Environmental Policy Seminar*, May 2001

Title: Private Rights in Public Resources: Equity in Market-Based Environmental Policy

The Ohio State University Env. Policy Initiative, *Environmental Policy in an Era of Devolution*, April 2001

Title: Localism in Environmental Policy: New Insights from an Old Case

**PROFESSIONAL CONFERENCE PANELS AND PAPERS**

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*American Political Science Association Annual Meeting*, Boston, MA, September 2008

Roundtable Participant: We Think Ideas Matter in Policymaking, But How Do We Know?

*American Political Science Association Annual Meeting*, Chicago, IL, September 2007

Paper: Discourse, Ideas, and the Regulation of Environmental Risk

*Western Political Science Association Annual Meeting*, Las Vegas, NV, March 2007

Paper: Discourse, Ideas, and the Regulation of Environmental Risk

*Western Political Science Association Annual Meeting*, Las Vegas, NV, March 2007

Discussant: Panel on Institutional Drag in Environmental Policy Reform

*IEEE International Symposium on Electronics and the Environment*, San Francisco, CA, May 2006

Presenter: Half-day Workshop on Brominated Flame Retardant Science and Regulatory Policy

*Land Trust Alliance Annual Conference*, University of Wisconsin, Madison, October 2005

Participant: Roundtable on "Buying Nature: What Works and What Doesn't"

**PROFESSIONAL CONFERENCE PANELS AND PAPERS (continued)**

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*6th Open Meeting of the Human Dimensions of Global Environmental Change Research Community*, University of Bonn, Germany, October 2005

Paper: Market-Based Approaches to Climate Policy: Learning from the EU Allocation ‘Experiments’

*American Political Science Association Annual Meeting*, Washington, DC, August 2005

Chair: Panel on New Institutions in Environmental Policy

*Western Political Science Association Annual Meeting*, Oakland, CA, March 2005

Paper: Does Fairness Matter in Congress?

*Western Political Science Association*, Oakland, CA, March 2005

Discussant: Panel on State Environmental Policy

*Association for Public Policy Analysis & Management Research Conference*, Atlanta, GA, October 2004

Paper: Normative Conflict and the Endangered Species Act

*Land Tenure Center “Who Owns America? IV Conference,”* U. of Wisconsin, Madison, May 2004

Participant: Roundtable on Equity Implications of Private Land Conservation Efforts.

*Western Political Science Association Annual Meeting*, Portland, OR, March 2004

Participant: Panel on New Books in Environmental Politics.

*Western Political Science Association Annual Meeting*, Portland, OR, March 2004

Paper: Habitat Conservation Plans: Bigger and Better than Ever?

*Social Science History Association Annual Meeting*, St. Louis, MO, October 2002

Participant: Roundtable on Federalism and Public Lands.

*Assoc. for Public Policy Analysis & Management Research Conference*, Washington, DC, Nov. 2001

Paper: The Environmental Kuznets Curve: Reconsidering the Policy Implications

*American Political Science Association Annual Meeting*, San Francisco, CA, August 2001

Paper: Equity Norms in Environmental Politics: Allocating SO<sub>2</sub> Emission Rights

*Land Tenure Center Who Owns America? III Conference*, U. of Wisconsin, Madison, June 2001

Paper: Equity in Open Spaces: Land Trusts and Private Conservation (w/S. K. Fairfax)

*8<sup>th</sup> Int'l Symposium of the Society for Resource Management*, Western Wash. U., June 2000

Paper: Fish are not Cows-Crossing Conceptual Boundaries in Nat. Res. Management (w/S. Macinko)

*Land Tenure Center Who Owns America? II Conference*, U. of Wisconsin, Madison, June 1998

Presentation: Public Resources and Private Claims: Conflicting Concepts of Property

**PROFESSIONAL MEMBERSHIPS AND SERVICE**

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Founding Executive Committee Member, *Purdue Climate Change Research Center*, 2004 - present

Member, Faculty Advisory Board, *Purdue Discovery Park Center for the Environment*, 2005 - present

Co-Founder & Organizer, *Public Policy and Political Theory Workshop*, Purdue Univ., 2004 – present

**PROFESSIONAL MEMBERSHIPS AND SERVICE (continued)**

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Peer Reviewer, *Canadian Journal of Political Science, Ecology and Society, Environment and Development Economics, Environmental Management, Ethics and International Affairs, Geoforum, Land Economics, National Science Foundation, Oxford Economic Papers, Papers in Regional Science, Professional Geographer, and Public Administration Review, and Resources for the Future (RFF) Press*

Reviewer and National Faculty Advisory Board Member, *The American Undergraduate Journal of Politics and Government*, 2003 – 2007

Member, *American Political Science Association (including Public Policy; Science, Technology and Environmental Policy; and Qualitative Methods sections)*

Faculty Representative, *Morris K. Udall Scholarship Program*, Purdue University, 2005 - 2008

Member, *Ad Hoc Council on Sustainability*, Purdue University, 2007 - 2008

Member, *Undergraduate Program Committee*, Dept. of Pol. Sci., Purdue University, 2002 – 2004

Faculty Advisor, *Carbon Neutrality at Purdue and Campus Greens* Student Organizations, 2005 - 2008

**COMMUNITY SERVICE AND ENGAGEMENT**

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Member, Board of Directors, *NICHES Land Trust*, April 2006 – present

*WBAA “Behind the News” Radio Commentary Series*, 2003 - 2007

Invited Community Group Presentations:

*Temple Israel Social Justice Committee*, West Lafayette, Indiana, April 2007

*Brownsburg, Indiana Rotary Club*, April 2007

*US Green Building Council*, Indianapolis Chapter, February 2007

*Kokomo, Indiana Unitarian Church*, November 2006

*Lafayette Unitarian-Universalist Church Sunday Forum*, September 2006

*Wesley Foundation Lunch Series on Science and Theology*, West Lafayette, Indiana, June 2005

*“Coffeenians” Service Organization*, Covington, Indiana, March 2005

*“Behind the News” Speaker Series*, Lafayette Renaissance Academy, January 2005

*Purdue Alumni Club of Indianapolis Luncheon Speaker*, September 2004

*“Town and Gown” Speaker Series*, Lafayette, Indiana, May 2004

**OTHER PROFESSIONAL WORK EXPERIENCE**

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Senior Analyst, *East Bay Conservation Corps (EBCC)*, Oakland CA, 1994 - 1999.

Produced \$10 million annual budget and financial and strategic analysis for senior management and board of the EBCC, a non-profit environmental agency providing youth development and service. Part-time position while attending graduate school full-time.

Administrative Director, *EBCC*, 1992 - 1994

Chief financial and administrative officer for agency with 65 staff and 300+ participants.

Recycling Program Manager, *EBCC*, 1990 - 1992

Recycling Intern Supervisor, *EBCC*, 1988 - 1989