

## LEIGH S. RAYMOND

Associate Professor of Political Science, Purdue University  
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

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

S. K. Fairfax, H. Ingram, and L. Raymond. 2008 (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.

#### Refereed Journals/Law Reviews

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

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

**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.
- L. Raymond. 2000. H-Net Book Review of *Who Owns the Environment?* eds. Peter J. Hill and Roger E. Meinert (1998). Published on the H-Env Listserv: <http://www.h-net.msu.edu/reviews/>

## **PUBLICATIONS (continued)**

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### 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 Report.
- 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 other faculty/staff members). 2007. *Carbon Neutrality At Purdue University*. A detailed estimate of Purdue's annual "carbon footprint" and summary of possible steps to move toward a goal of zero net carbon emissions for the campus.

## **RESEARCH GRANTS AND AWARDS**

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- National Science Foundation. *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 Grant. *Investigating the Life Cycle and Policy Aspects of Brominated Flame Retardants*. Co-PI w/I. Hua (PI) and T. Seager (\$400,000), 2005 - 2008
- Purdue Discovery Park Proposal to create new *Center for the Environment*. Co-PI w/22 other faculty (\$1,500,000), 2005 - 2008
- 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 University International Travel Grant (\$1,400), 2005
- Purdue School of Liberal Arts Extramural Grant Application Summer Stipend (\$4,050), 2004
- Purdue School of Liberal Arts Research Incentive Awards (4 total: \$900-\$1,000 each), 2004 - 2007
- Purdue School 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
- U. of California at Berkeley Graduate Student Fellowships (\$5,000-\$13,000), 1994 – 1996

## **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 or Co-Chair, 3 active Ph.D. committees, Purdue University  
Member, >20 active M.S. and Ph.D. committees, 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

Professor of the Year, *Pi Sigma Alpha Political Science Honors Society*, Purdue Chapter, 2004-05

Dept. of Political Science Undergraduate Teaching Award, Purdue University, 2005-06

Dept. Nominee, Charles B. Murphy Outstanding Undergraduate Teaching Award, Purdue Univ., 2005-06

Outstanding Graduate Student Instructor Award, U. of California at Berkeley, 1998

## **INVITED PRESENTATIONS**

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

Purdue University *Seminar Series in Bioethics*, November 2007  
Title: The Ethics and Politics of Climate Change

**INVITED PRESENTATIONS (continued)**

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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 and Policy (with Sally K. Fairfax & Helen 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*, 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

*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'

*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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*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.

*Association for Public Policy Analysis & Management Research Conference*, Washington, DC,  
November 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 (With S. K. Fairfax): Equity in Open Spaces: Land Trusts and Private Conservation

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

Paper (With S. Macinko): Fish are not Cows: Crossing Conceptual Boundaries in Natural Resource Management

*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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Peer Reviewer, *Resources For the Future (RFF) Press*

Peer Reviewer, *Canadian Journal of Political Science, Environment and Development Economics, Ethics and International Affairs, Geoforum, Oxford Economic Papers, Papers in Regional Science, Professional Geographer*, and *Public Administration Review*

**PROFESSIONAL MEMBERSHIPS AND SERVICE (continued)**

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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); Association for Public Policy Analysis and Management; Western Political Science Association*

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

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

Member, *Ad Hoc Council on Sustainability*, Purdue University, 2007 – present

Member, *Purdue University Faculty Senate*, 2007

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

Faculty Advisor, *Carbon Neutrality at Purdue Student Organization*, 2007 - present

Faculty Advisor, *Purdue Campus Greens Student Organization*, 2005 - 2006

**COMMUNITY SERVICE AND ENGAGEMENT**

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

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

5-min commentaries on environmental policy topics several times a year for local NPR station

Member, *Purdue University/Indiana University Working Group on Collaborative Private Forestland Conservation*, 2003 – 2006

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

Title: Ethics and Politics of Climate Change

Speaker, *Brownsburg, Indiana Rotary Club*, April 2007

Title: Ethics and Politics of Climate Change

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

Title: Recent Developments in U.S. Climate Change Policy

Speaker, *Kokomo Unitarian Church, Kokomo, Indiana*, November 2006

Title: Ethics and Politics of Climate Change

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

Title: Ethics and Politics of Climate Change

**COMMUNITY SERVICE AND ENGAGEMENT (continued)**

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Speaker, *Wesley Foundation Lunch Series on Science and Theology*, West Lafayette, Indiana, June 2005  
Title: Scientific Agreement and Ethical Controversy in Climate Change Policy

Speaker, "*Coffeenians*" *Service Organization*, Covington, Indiana, March 2005  
Title: Facts and Opinions About Climate Change

Speaker, "*Behind the News*" *Speaker Series*, Lafayette Renaissance Academy, January 2005  
Title: Global Warming and Climate Change Policy

Speaker, *Purdue Alumni Club of Indianapolis Luncheon Speaker*, September 2004  
Title: The Politics of Endangered Species in Indiana and the U.S.

Speaker, "*Town and Gown*" *Speaker Series*, Lafayette, Indiana, May 2004  
Title: Who Owns The Range? Property Rights and the U.S. Western Livestock Industry

**OTHER PROFESSIONAL WORK EXPERIENCE**

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Senior Analyst, *East Bay Conservation Corps (EBCC)*, Oakland CA, 1994 - 1999.  
Produced \$10 mil. annual budget and financial and strategic analysis for senior management and board members 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