

## Curriculum Vitae

### Morgan McEuen Robertson

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#### BASIC INFORMATION

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*Positions:* Associate Professor, Department of Geography, University of Wisconsin – Madison, 2014 – present.  
Assistant Professor, Department of Geography, University of Wisconsin – Madison, 2013 – 2014.  
Assistant Professor, Department of Geography, University of Kentucky, 2007 – 2012.  
Research Fellow, Environmental Protection Agency, Office of Water, Wetlands Division, 2004-2007.

*Degrees:* Ph.D. Geography, 2004, University of Wisconsin – Madison  
M.A. Geography, 1998, University of Minnesota  
P.G. Dip.Sci. Tropical Geography, 1995, James Cook University of North Queensland  
B.A. Biology (Honors) and Anthropology (Honors), 1993, Grinnell College

#### RESEARCH AND PUBLICATIONS

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*Topical Specializations:* Political ecology, environmental governance, ecosystem services, market-led environmental policy, wetland policy and biogeography, environmental justice, restoration ecology, political economy of nature.

*Regional Specializations:* anglophone North America, Australia.

*Methodological Specializations:* Interview-based and participant-observation social research methods, rapid ecological assessment.

#### *Current Research Grants*

*Co-Principal Investigator.* National Science Foundation Geography and Spatial Sciences Program NSF-BCS-1461746: *The Rollout of Market Based Environmental Management in the European Union*. 2014. With Rebecca Lave (Indiana University) and Esteve Corbera (University of Barcelona). \$315,000.

*Co-Principal Investigator.* National Science Foundation Geography and Spatial Sciences Program NSF-BCS-1539712: *Explaining Transboundary Flows of Hazardous Waste in North America*. 2015. With Sarah Moore (University of Wisconsin - Madison) and Robert Roth (University of Wisconsin - Madison). \$400,000.

#### *Publications in Refereed Volumes*

Lave, R. and M. Robertson. In press. “Biodiversity offsetting” in Tyfield, D., R. Lave, S. Randalls, and C. Thorpe, eds. *Handbook of Political Economy of Science*. London: Routledge.

Chen, X., M. Laba, M. Robertson, B. Cosens, Z. Wang, X. Chen, J. Anderson, M. Otte, C. Craft, D. Feldman, Y. Li, J. Liu, P. Sullivan & X. Lu. 2016.

- Study on US wetland protection institution change. *Resources Science (China)* 38(4): 777-789.
- Doyle, M.W., J. Singh, R. Lave & M.M. Robertson. 2015. The morphology of streams restored for market and nonmarket purposes: insights from a mixed natural-social science approach. *Water Resources Research* (online).
- Robertson, M., T. BenDor, R. Lave, J.A. Riggsbee, J.B. Ruhl, and M. Doyle. 2014. Stacking Ecosystem Services. *Frontiers in Ecology and Environmental Science* 12(3):186-193.
- Lave, R., M.W. Wilson, E.S. Barron, C. Biermann, M.A. Carey, C.S. Duvall, L. Johnson, K.M. Lane, N. McClintock, D. Munroe, R. Pain, J. Proctor, B.L. Rhoads, M.M. Robertson, J. Rossi, N.F. Sayre, G. Simon, M. Tadaki & C. Van Dyke. 2014. Intervention: Critical Physical Geography. *The Canadian Geographer* 58(1):1-10.
- Chen, X., M. Bain, P. Sullivan, M. Robertson, J. Kusler & Z. Wang. 2013. Bibliometrical study of tidal freshwater marsh loss and research orientations. *Acta Ecologica Sinica* 33(4): 237-240.
- Robertson, M. and J. Wainwright. 2013. The Value of Nature to the State. *Annals of the Association of American Geographers* 103(4): 890-905.
- Doyle, M.W., R. Lave and M. Robertson. 2013. River Federalism. *Annals of the Association of American Geographers* 103(2): 290-298.
- Dempsey, J. and M. Robertson. 2012. Ecosystem services: Tensions, impurities and points of engagement within neoliberalism. *Progress In Human Geography* 37(6): 758-779.
- Robertson, M. 2012. Renaturing the Economy, in eds. Peck, J., T. Barnes and E. Sheppard, *A Companion to Economic Geography*, 2<sup>nd</sup> ed. Malden, MA: Blackwell, 372-384.
- Robertson, M. 2012. Measurement and Alienation: Making a world of ecosystem services. *Transactions of the Institute of British Geographers* 37(3): 386-401.
- Robertson, M. 2011. Chapter: Ecosystems Services. In: Nriagu, J.O. (ed.) *Encyclopedia of Environmental Health, Vol. 2*. Burlington: Elsevier Publications, pp. 225-233.
- Lave, R., M. Doyle and M. Robertson. 2010. Privatizing stream restoration in the US. *Social Studies of Science* 40(5): 677-703.
- Thiem, C. & M. Robertson. 2010. Critical Review Forum: Behind enemy lines: reflections on the practice and production of oppositional research. *Geoforum* 41(1): 5-6.
- Robertson, M. 2010. Performing environmental governance. *Geoforum* 41(1): 7-10.
- Robertson, M. 2009. The Work of Wetland Credit Markets: Two Cases in Entrepreneurial Wetland Banking. *Wetland Ecology and Management* 17(1): 35-51.
- Hough, P. and M. Robertson. 2009. Mitigation under Section 404 of the Clean Water Act: Where it Comes From, What it Means. *Wetland Ecology and Management* 17(1): 15-33.
- also as: Robertson, M. and P. Hough. 2011. Wetlands Regulation: The Case of Mitigation Under Section 404 of the Clean Water Act, in ed. LePage, B. *Wetlands: Integrating Multidisciplinary Concepts*. New York: Springer, 171-188.

- Lave, R., M.M. Robertson and M.W. Doyle. 2008. Why you should pay attention to stream mitigation banking. *Ecological Restoration* 26(4): 287-289.
- Robertson, M. and N. Hayden. 2008. Evaluation of a Market in Wetland Credits: Entrepreneurial Wetland Banking in Chicago. *Conservation Biology* 22(3): 636-646.
- Robertson, M. M. 2007. Discovering price in all the wrong places: commodity definition and price under neoliberal environmental policy. *Antipode* 39(3): 500-526.
- also as:* Robertson, M. M. 2008. Discovering price in all the wrong places: commodity definition and price under neoliberal environmental policy, in ed. Mansfield, B. *Privatization: Property and the remaking of nature-society relations*. Malden, MA: Blackwell, pp. 106-132.
- Robertson, M. M. 2006. Emerging Markets in Ecosystem Services: Trends in a Decade of Entrepreneurial Wetland Banking. *Frontiers in Ecology and Environmental Science* 6(4): 297-302.
- Robertson, M. M. 2006. The nature that capital can see: science, state and market in the commodification of ecosystem services. *Environment and Planning D: Society and Space* 24(3): 367-387.
- also as:* Robertson, M. M. 2012. The nature that capital can see: science, state and market in the commodification of ecosystem services, in eds. Gregory, D. and N. Castree, *Human Geography, Vol.5*. Washington, DC: Sage Publications.
- Robertson, M. M. 2004. The Neoliberalization of Ecosystem Services: Wetland Mitigation Banking and Problems in Environmental Governance. *Geoforum* 35(3): 361-373.
- also as:* Robertson, M. M. 2007. The Neoliberalization of Ecosystem Services: Wetland Mitigation Banking and the Problem of Measurement, in eds. Heynen, N., J. McCarthy, S. Prudham and P. Robbins, *Neoliberal Environments: False Promises and Unnatural Consequences*. New York: Routledge, pp. 114-125.
- Wainwright, J. D. and M. M. Robertson. 2003. Territorialization, Science, and the Postcolonial State: The Case of Highway 55 in Minnesota. *Cultural Geographies* 10(2): 196-217.
- Robertson, M. M. 2000. "No Net Loss": Wetland Restoration and the Incomplete Capitalization of Nature. *Antipode* 32(4): 463-493.

#### ***Publications in Non-Refereed Volumes***

- Robertson, M.M. In press. Entry: No net loss. In McInnes, R.J. & M. Everard (eds) *Encyclopedia of Wetlands. Volume II. Wetlands Management*. New York: Springer.
- Robertson, M. 2015. Environmental Governance: Political ecology and the state. In Perrault, T., G. Bridge & J. McCarthy (eds.), *The Routledge Handbook of Political Ecology*. New York: Routledge, 457-466.
- Robertson, M. & P. Hough. 2014. The US Experience in Biodiversity Offsets: Wetland Mitigation Banking. In *Biodiversity Offsets: Effective Design and Implementation*. Report commissioned by the Organization for Economic Cooperation and Development (OECD) Working Party on Biodiversity, Water and Ecosystems, Brussels, Belgium. pp. 73-101.

- Robertson, M. 2009. Five hidden challenges to ecosystem markets. The Katoomba Group's Ecosystem Marketplace, 4 January 2009. [www.ecosystemmarketplace.com](http://www.ecosystemmarketplace.com). Republished at [www.climatemarkets.org](http://www.climatemarkets.org) 18 November 2012.
- Robertson, M. 2008. The Entrepreneurial Wetland Banking Experience in Chicago and Minnesota. *National Wetlands Newsletter* 30(4): 14-17, 20.
- Robertson, M. M. 2007. Entries: "Clean Water Act," "Environmental Protection Agency," "Restoration Ecology," "Swamp Lands Acts," "Wetland Mitigation," "Wetlands." In ed. Robbins, P., *Encyclopedia of Environment and Society*. New York: Sage Publications.
- Robertson, M. M. and M. Mikota. 2007. Water Quality Trading & Wetland Mitigation Banking: Different Problems, Different Paths? *National Wetlands Newsletter* 29(2): 1, 10-15.
- also as:* Robertson, M. M. and M. Mikota. 2007. Different Problems, Different Paths. *The Environmental Forum* 24(4): 36-43.
- Raffini, E. and M. M. Robertson. 2005. Water Quality Trading: What Can We Learn From 10 Years of Wetland Mitigation Banking. *National Wetlands Newsletter* 27(4): 3-5.
- Robertson, M. M. 2001. Adjacent Woodlot Accelerates the Dispersal Rate of Bur Oak into an Old Field (Iowa). *Ecological Restoration* 19(3): 181-182.
- Robertson, M. M. 2001. Borges and the Restorationists' Dilemma. *Ecological Restoration* 19(1): 37-39.
- Robertson, M. M. 2001. Ten Years of Wetland Mitigation Banking in Illinois: Lessons for Wisconsin. Report prepared for the Wisconsin Waterfowl Association, Madison, Wisconsin.
- Robertson, M. M. 2000. Savanna Restoration at CERA: Data and Resources for an Experimental Site in Ecological Restoration. Report prepared for the Department of Biology and Conard Environmental Research Area, Grinnell College, Grinnell, Iowa.
- Robertson, M. M. 1997. Prescribed burning as a management and restoration tool in wetlands of the upper Midwest. *Restoration and Reclamation Review* 2(4): 6p.
- Robertson, M. M. 1994. *Manual for Creating a Digital Elevation Model of Natural Areas on the Leica Digital Video Plotter*. Report prepared for the Cooperative Research Center for Tropical Rainforest Ecology and Management, Atherton, Australia.

***Publications In Preparation or Under Review***

- Nost, E. & M. Robertson. Under review. Small Data: Questioning Q Methodology as a Means for Understanding Subjectivity. *The Professional Geographer*.
- Bigger, P. & M. Robertson. Under review. Actually, value is really simple. *Antipode*.
- Robertson, M. Ready for submission. Ecosystem services as nature's workfare. *Annals of the Association of American Geographers*.
- Chen, X., D. Feldman, J. Kusler, C. Craft, M. Robertson, R. Costanza, J. Anderson, M. Laba, J. Liu, Y. Li, J. Li, J. Li, X. Lu, C-N. Ng, M. Otte, B. Cosens & P. Sullivan. In preparation. Sino-US Wetlands Policy Comparison. For submission to *Environmental Science & Policy*.

- Robertson, M., R. Lave & M. Doyle. In preparation. Creating streams of value: TurboStream and the endless spreadsheet of nature. For submission to *Environment and Planning A*.
- Robertson, M., R. Lave & M. Doyle. In preparation. Watershed moments: scale, flows and fixes in neoliberal environmental governance. For submission to *Transactions of the Institute of British Geographers*.
- Robertson, M. and S. Galatowitsch. In preparation. Wetland compensation and landscape change in a rapidly urbanizing context. For submission to *Environmental Science and Policy*.
- Robertson, M., J. Matthews and S. Galatowitsch. In preparation. Longitudinal evaluation of vegetation richness and cover at wetland compensation sites: implications for regulatory monitoring under the Clean Water Act. For submission to *Wetlands Ecology and Management*.
- Robertson, M. In preparation. A policy history of wetland mitigation banking. For submission to *Environmental Management*.
- Robertson, M. In preparation. *Drawing Lines in Water: Wetland Banking and the Commodification of Nature*. Book manuscript.

### **Book Reviews**

- Carruthers, J. I. and B. Mundy. 2006. *Environmental Valuation: Interregional and Intraregional Perspectives*. Burlington, VT: Ashgate. Reviewed in *Growth and Change*, 39(1), 2008.
- Whitehead, M., R. Jones and M. Jones. 2007. *The Nature of the State: Excavating the Political Ecologies of the Modern State*. Reviewed in *Environment and Planning A*, 39(12), 2007.
- Parry, B. 2004. *Trading the Genome: Investigating the Commodification of Bio-information*. New York: Columbia University Press. Reviewed in *Progress in Human Geography*, 29(6), 2005.
- Higgs, E. 2003. *Nature by Design: People, Natural Process, and Ecological Restoration*. Cambridge, MA: The MIT Press. Reviewed in *Environment and Planning A* 36(4), 2004.

**MA Thesis:** “No Net Loss”: The Political Ecology of Wetlands Policy in a Suburban Watershed.

**Ph.D. Dissertation:** Drawing Lines in Water: Entrepreneurial Wetland Mitigation Banking and the Search for Ecosystem Service Markets

**Blog:** Wetlandia, <http://wetlandia.blogspot.com/>. 2011-present. 17,596 pageviews as of 10/2015.

**Total citations as of October 2015 (excluding citations by self and co-authors): 1134**  
 Citations in peer-reviewed publications: 856 (75% of total)  
 Mean IF of journals, 2013 citations: 2.20

## INVITED LECTURES

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- 10/15. University of Minnesota, Colloquium, Minneapolis, MN. *Nature's Workfare: Jimmy Carter and the Neoliberal Rollout.*
- 9/15. EPA-USDA National Workshop on Water Quality Markets, Lincoln, NE. *Stacking Ecosystem Services: Definitions and Issues.*
- 5/15. National Mitigation and Ecosystem Banking Conference, Orlando, FL. Plenary Lecture: *Stacking Ecosystem Services for Sale: Can it be Done?*
- 12/14. A Community on Ecosystem Services (ACES) Conference, Washington, DC. *Getting Better Biodiversity Outcomes: Stacking*
- 11/14. University of Illinois Urbana-Champaign, Colloquium: *Stacking Ecosystem Services: Building environmental markets at the intersection of science, capital, and law.*
- 10/14. USDA Course: Growing Market-Based Approaches to Conservation in the Chesapeake Bay Watershed, Greenbelt, MD. *Session 9: Crediting and Stacking.*
- 6/14. Forest Trends Conference: To No Net Loss of Biodiversity and Beyond, London. Plenary Debate: *Agree to Disagree 'Including biodiversity offsets in the mitigation hierarchy: opportunity or peril?'*
- 6/14. Nature Not for Sale Conference, London. Panelist: *New Directions in Conservation: a Closer Look at 'Value' and Offsetting.*
- 7/13. Association of State Wetland Managers webinar. *Science, Policy and Outcomes in Developing Stream Compensatory Mitigation Criteria.* With Rebecca Lave and Martin Doyle.
- 4/13. Innovation in Governance Research Group, Berlin, Germany. Workshop: The future of biodiversity offsets and habitat banking: Challenges of Sustainable Development.
- 4/13. UW-Milwaukee Center for 21<sup>st</sup> Century Studies, Milwaukee, WI. Symposium: Contested Ecologies: The Peril and Promise of Transdisciplinarity. Title Everyday Transdisciplinarity: Working Across logics in Environmental Management.
- 10/12. US Environmental Protection Agency, Region 4, Wetlands/Section 401 Workshop, Shakertown, KY. *The Regulated Landscape and the Ecosystem Services Approach.*
- 09/12. The Ohio State University Department of Geography, Colloquium, *The Regulated Landscape: Water resources at the intersection of science, capital, and law.*
- 05/12. Institute for Policy Studies Webinar: "Private Climate Finance: A Crash Course". *Ecosystem Services Markets.*
- 03/12. IFRIS Annual Meeting, Florence, Italy. Keynote Speaker: *Bringing ecosystem services to market: Problems of knowledge and measurement in neoliberal environmental governance.*
- 03/12. Centre Nationale de la Recherche Scientifique, Centre Alexandre Koyré, Paris, France. *Banking wetlands and marketing ecosystem services: The limits of neoliberal environmental strategy.*
- 05/11. Naturvårdsverket [Swedish Environmental Protection Agency], Forskning i fokus [Focus on Research]. *Seminarium med "environmental governance" i fokus* (panelist, remote participant).

- 01/11. University of Wisconsin – Madison Department of Geography, Yi-Fu Tuan Lecture. *Measurement and Alienation: Making a World of Ecosystem Services.*
- 05/10. University of Kentucky College of Agriculture: Integrated Research, Education and Extension to Enable Sustainable Biofuel Production: A Workshop to Organize Research Efforts in the Southeast U.S. *Ecosystem Services.*
- 03/10. University of Oklahoma Department of Geography, Sustainability Seminar Series. *Bringing Ecosystem Services to Market?*
- 05/09. University of California – Berkeley Environmental Politics Colloquium. *Bringing Ecosystem Services to Market: Classifying, Bundling, and Stacking Value.*
- 04/09. University of California – Berkeley Department of Geography Colloquium. *Ecological Testimony in the Theatre of Value.*
- 07/08. Queensland Department of Natural Resources and Water, Brisbane, QLD. *Wetland banking: the state of the policy.*
- 07/08. Victoria Department of Sustainability and Environment, Melbourne, VIC. *Wetland banking: the state of the policy.*
- 05/08. West Virginia Land and Mineral Owners Council, Beckley, WV. *New Compensation Regulations under Section 404 of the Clean Water Act.*
- 04/08. Harvard Law School, Duke Law School and Duke University Nicholas Institute for Environmental Studies Conference: Carbon Offsets: Opportunities and Challenges for State Carbon Trading Schemes, Cambridge, MA. *Lessons Learned from Offsets Programs* (panelist).
- 02/08. University of Kentucky Committee on Social Theory, Lexington, KY. *Valuing Nature and the Nature of Value.*
- 01/08. University of Kentucky Department of Geography, Lexington, KY. *Bundling, Categorizing, and Stacking: Bringing Ecosystems to Market.*
- 06/07. USDOJ and USEPA Mitigation Bank Review Team Training Workshop, Shepherdstown, WV. *Service Areas.*
- 03/06. Ecological Assets in Business: A Multi-Industry Workshop, Palo Alto, CA. *A Working Market in Wetlands: Case Study from Chicago.*
- 02/06. USEPA Research Planning Conference on the Role of Wetlands in Water Quality Trading, Chicago, IL. *Lessons Learned from the Wetland Banking Experience: Markets, Performance Standards, and Credits.*
- 04/05. Environmental Law Institute Forum, Washington, DC. *The Past and Future of Wetland Mitigation Banking* (panelist).
- 05/03. Milwaukee Turners 4<sup>th</sup> Street Forum at Turner Hall, Milwaukee, WI. *Water the Commodity: Who owns it? Who can sell it?* (panelist).
- 04/01. Grinnell College, Institute for Prairie Studies Speaker Series, Grinnell, IA. *No Net Loss of Capitalism: The Political Ecology of Ecological Restoration.*
- 04/00. University of Wisconsin – Madison Institute for Environmental Studies Coffee Hour Speaker Series, Madison, WI. *Constructing Nature: Restoration Ecology and the Social Sciences.*

## **PAST GRANTS AND AWARDS**

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### ***External***

*Principal Investigator.* National Science Foundation Geography and Spatial Sciences Program NSF-BCS-0961551: *The Emerging Commodity of Restored Streams: Science, Policy, and Economics in New Markets for Ecosystem Service*

*Commodities*. 2010. With Martin Doyle (Duke University) and Rebecca Lave (Indiana University). \$600,000.

*Principal Investigator*. National Science Foundation Geography and Spatial Sciences Program Doctoral Dissertation Improvement Grant (Brian Grabbatin) NSF-BCS-1234307. 2012. *The Political Ecology of Heirs' Property*. \$11,513.

*Principal Investigator*. National Science Foundation Geography and Spatial Sciences Program Doctoral Dissertation Improvement Grant (Patrick Bigger) *Environmental Governance in the Carbon Economy: Regulating Greenhouse Gas Emissions in California's Cap-and-Trade Market*. \$15,439.

*Principal Investigator*. National Science Foundation Geography and Spatial Sciences Program Doctoral Dissertation Improvement Grant (Priyanka Ghosh) NSF-BCS-1029993. *Subsistence and Biodiversity Conservation in the Sundarban Biosphere Reserve, West Bengal, India*, 2010. \$10,550.

*Postdoctoral Research Fellowship*. Oak Ridge Institute for Science and Education, 2004-2007. \$60,000/yr stipend.

*Socialist Specialty Group Award for Best Paper*. Association of American Geographers, Socialist Geography Specialty Group, 2003.

*Co-Principal Investigator*. National Science Foundation Geography and Spatial Sciences Program Doctoral Dissertation Improvement Grant, NSF-BCS-0221397. *Ecosystem Commodification through Commercial Wetland Mitigation Banking Practice in the US*, 2002. \$11,555 (PI: M. Turner).

*Jacob K. Javits Fellowship*. U.S. Department of Education. 1997-2001.

*Fulbright Fellowship*. Research conducted at the CSIRO Cooperative Research Centre for Tropical Rainforest Ecosystem Management, Cairns, Australia. 1993-1994.

### ***Internal***

*Vice President of Research Fund*. University of Kentucky College of Arts and Sciences, 2012. \$2500. In support of "Dimensions of Political Ecology" conference.

*Vice President of Research Fund*. University of Kentucky College of Arts and Sciences, 2011. \$3000. In support of "Dimensions of Political Ecology" conference.

*Enrichment Fund*. University of Kentucky College of Arts and Sciences, 2010. \$500. In support of "Dimensions of Political Ecology" conference.

*College Research Activity Award*. University of Kentucky College of Arts and Sciences, 2010. \$3000. In support of wetland site assessment research.

*Summer Faculty Research Fellowship*. University of Kentucky College of Liberal Arts, 2009. \$6000

*Dissertation Fellowship*. University of Wisconsin Graduate School, 2003-2004.

*Graduate Fellowship*. University of Wisconsin Department of Geography, 2001-2002.

*Award for Best Student Publication*. University of Wisconsin Department of Geography, 2001.

*Vilas Welcome Grant*. University of Wisconsin Graduate School, 1998.

*Graduate Fellowship*. University of Minnesota Department of Geography, 1996-1997.

## **TEACHING EXPERIENCE**

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### ***Instructorships***

Geography 162, *Global Environmental Issues*, 2012 (fall), University of Kentucky



Geography 172, *Introduction to Human Geography*, 2007 (fall), 2008 (fall), 2009 (spring), 2010 (spring), 2011 (spring and fall) University of Kentucky.  
Geography 200, *Concepts and Methods in Geography*, 2008 (fall), 2009 (fall), University of Kentucky.  
Geography 431, *Political Ecology*, 2011 (Spring), University of Kentucky.  
Geography 600, *Introduction to Methods in Geography*, 2009 (fall), 2011 (fall) University of Kentucky.  
Geography 655, *Markets and Nature*, 2008 (spring), University of Kentucky.  
Geography 714/715, *Political Ecology*, 2009 (spring), 2012 (fall), University of Kentucky.  
Geography 714, *Critical Theories of Nature and Environment*, 2010 (spring), University of Kentucky.  
Geography 339, *Environmental Conservation*, 2004 (fall), University of Wisconsin – Madison.  
Geography 439, *US Environmental Policy and Regulation*, 2013 (spring and fall), 2014 (fall), 2015 (fall), University of Wisconsin-Madison.  
Geography 139, *Resources and People*, 2013 (fall), 2014 (fall), 2015 (fall) University of Wisconsin – Madison.  
Geography 930, *Markets and Nature*, 2014 (spring), University of Wisconsin – Madison.

### ***Assistantships***

Geography 1302, *Introduction to Human Geography*. 1998 (spring) University of Minnesota.  
Geography 1402, *Introduction to Physical Geography*. 1997 (fall), 1998 (winter), University of Minnesota.

### ***Courses Developed/Under Development***

Introductory: *Global Environmental Issues, Introduction to Human Geography, Orientation to Geography*  
Intermediate: *Geography of Australia*  
Upper-level: *Political Ecology, US Environmental Policy and Regulation, Environmental Governance*  
Graduate: *Introduction to Methods in Geography, Markets and Nature, Political Ecology Proseminar, Critical Theories of Nature and Environment*

## **ADVISING**

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### ***Ph.D. Committee Chair***

#### **Current**

Eric Nost, Department of Geography, University of Wisconsin – Madison  
Nicolle Etchart, Department of Geograpy, University of Wisconsin – Madison  
(co-chair: L. Naughton)

#### **Completed**

Priyanka Ghosh, Ph.D. 2014. *Subsistence and Biodiversity Conservation in the Sundarban Biosphere Reserve, West Bengal, India*. Department of Geography, University of Kentucky.

### ***Master's Committee Chair***

#### Current

Laura Lawler, Department of Geography, University of Wisconsin – Madison.

#### Completed

Eric Nost, M.A. 2013. *Counting on the Environment: Measuring and marketing ecosystem services in Oregon*. Department of Geography, University of Kentucky.

### ***Ph.D. Committee Member***

#### Current

Hugh Deaner, Department of Geography, University of Kentucky. Chair: A. Wood.

Sarah McCormack, Department of Geography, University of Kentucky. Chair: J. Phillips

Cathy Day, Department of Geography, University of Wisconsin-Madison. Chair: M. Turner

Mark Cooper, Department of Geography, University of Wisconsin – Madison. Chair: M. Turner.

Kramer Gillin, Department of Geography, University of Wisconsin – Madison. Chair:

Alex Piemer, Department of Geography, University of Illinois – Champaign-Urbana. Chairs: B. Rhoads, T. Bassett.

#### Completed

Patrick Bigger, Ph.D. 2015. *Environmental Governance in the Carbon Economy: Regulating Greenhouse Gas Emissions in California's Cap-and-Trade Program*. Department of Geography, University of Kentucky

Jonathan Otto, Ph.D. 2014. *Carbon development: Pursuing climate change mitigation and poverty alleviation through market-based forest carbon schemes in Chiapas, Mexico*. Department of Geography, University of Kentucky. Chair: T. Mutersbaugh

Alison Harnish, Ph.D. 2013. *Missing "links": Investigating the age and gender dimensions of development, conservation, and environmental change in a southern Zambian frontier*. Department of Anthropology, University of Kentucky. Chair: L. Cliggett.

Jairus Rossi, Ph.D. 2013. *Ecological restoration's genetic culture: Participation and technology in the making of landscapes*. Department of Geography, University of Kentucky. Chair: R. Schein.

Daniel J. Murphy, Ph.D. 2011. *Going on Otor: Disaster, Mobility, and the Political Ecology of Vulnerability in Uguumur, Mongolia*. Department of Anthropology, University of Kentucky. Chair: P. Little.

Gareth A. S. Edwards, Ph.D. 2010. *The construction of scarcity and mobilization of justice in neoliberal Australian water reforms*. Department of Geography, University of Sydney. Chair: P. McManus.

Julianne Hazlewood. Ph.D. 2010. *African Oil Palm Plantation Expansion and Geographies of Hope in the Ecuadorian Chocó Region*. Department of Geography, University of Kentucky. Chair: S. Roberts.

***Master's Committee Member***

Current

Daniel Grant, Department of Geography, University of Wisconsin-Madison.

Completed

Patrick Bigger. M.A. 2009. *Finding neoliberalism in London, Kentucky*.  
Department of Geography, Chair: T. Mutersbaugh.

Jamie Redmond, M.S., M.L.A. 2014. *Stormwater Impacts on waterways in aging suburbs*. Nelson Institute for the Environment, and Department of Landscape Architecture, University of Wisconsin-Madison.

***Undergraduate Honors Advising***

Andrew Lynch, Gaines Center (committee member), University of Kentucky.  
B.A. 2008.

Colin Higgins, Department of Geography (chair), University of Wisconsin –  
Madison.

**SERVICE**

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***Internal***

Chair, Visiting Speakers Committee, University of Minnesota Department of Geography,  
1997-98.

Graduate Student Representative, New Hires Committee, University of Wisconsin  
Department of Geography, 1999-2000.

Graduate Student Representative, Faculty and Staff Committee, University of Wisconsin  
Department of Geography, 2000-2001.

Co-Chair, Colloquium Committee, University of Kentucky Department of Geography,  
2007-2008.

Undergraduate Studies Committee, University of Kentucky Department of Geography,  
2007-2012.

Semple Day Committee, University of Kentucky Department of Geography, 2008-2012.

Personnel Committee, University of Kentucky Department of Geography, 2008-2010.

Chair, Policy Committee, University of Kentucky Department of Geography, 2010.

Undergraduate Advising Committee, University of Wisconsin-Madison Department of  
Geography, 2013-present.

***External***

Member, Stream Mitigation Advisory Committee, Environmental Law Institute (2013 –  
present)

Member, National Socio-Environmental Synthesis Center (SESYNC) Working Group:  
“Incorporating Values and Assessing Social and Environmental Trade-offs in  
Managing for Ecosystem Services” (2012 – present).

Member, U.S. Environmental Protection Agency *Report on the Environment* Expert  
Panel: Wetlands Conditions. (2008 – present)

Member, Steering Committee, SpeciesBanking.com (2006 - present)  
Member, editorial board, *Journal of Rural Studies* (2012 – present)

### **Referee**

Journals: *Annals of the Association of American Geographers* (7)  
*Antipode* (3)  
*Applied Geography* (1)  
*Ecological Applications* (3)  
*Ecological Economics* (2)  
*Economic Geography* (1)  
*Environment and Planning A* (7)  
*Environment and Planning D: Society and Space* (2)  
*Environment and Society* (1)  
*Environmental Conservation* (2)  
*Environmental Management* (3)  
*Environmental Science & Technology* (1)  
*Frontiers of Environmental Science & Engineering in China* (1)  
*Geoforum* (4)  
*The Geographical Journal* (1)  
*Journal of Environmental Policy and Planning* (3)  
*Journal of Political Ecology* (1)  
*Journal of Rural Studies* (3)  
*Social and Cultural Geography* (1)  
*Society and Natural Resources* (2)  
*Urban Studies* (1)  
*Wetlands* (2)

Reader: University of Georgia Press (1)  
Research Proposals: National Science Foundation (3)  
Social Sciences and Humanities Research Council (Canada) (1)

### **Conferences Organized**

Critical Geographies of Social and Environmental Justice: The 14<sup>th</sup> Annual Mini-Conference on Critical Geography, Lexington, KY, October 4-6, 2007.

### **ACTIVITIES AT PROFESSIONAL CONFERENCES**

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- 4/15. Annual meeting of the Association of American Geographers, Chicago, IL.  
Panelist: *The Value of Capitalist Natures I: Foundations and Debates.*
- 2/14. Dimensions of Political Ecology, Lexington, KY.  
Panelist: *Political Ecology and Environmental Sociology: Towards Productive Engagement or Sustaining the Contract of Mutual Indifference?*
- 10/13. Annual Meeting of the Society for Ecological Restoration, Madison, WI.  
Paper presented: *The Lawyer in the Triage Ward: Economic and social forces in the prioritization of restoration.*
- 4/13. Annual Meeting of the Association of American Geographers, Los Angeles, CA  
Paper presented: *Ecosystem Services as Nature's Workfare.*  
Discussant: *The Socio-Ecological Fix I*
- 10/12. 4<sup>th</sup> International EcoSummit, Columbus OH.

- Paper presented: *Stacking Ecosystem Services.*
- 8/12. Ecological Society of America, Annual Meeting, Portland OR.  
Paper presented: *To Bundle or to Stack? The challenges in marketing multiple ecosystem services.*
- 4/12. Dimensions of Political Ecology, Lexington, KY.  
Paper presented: *Environmental Justice and Equity Concerns in the Neoliberal turn.*
- 4/11. Annual Meeting of the Association of American Geographers, Seattle, WA  
Paper presented: *The genetics of neoliberal natures.*  
Panelist: *"This Fight Is Not in Vain/ We've Got a World to Gain!": The Wisconsin Public Workers' Struggle.*
- 2/11. Dimensions of Political Ecology, Lexington, KY.  
Paper presented: *Genetics of Political Ecology.*
- 4/10. Annual Meeting of the Association of American Geographers, Washington, DC.  
Paper sessions organized (with Elizabeth Shapiro):  
*Payments and Markets for Ecosystem Services I: Interaction with Rural Communities in Global South.*  
*Payments and Markets for Ecosystem Services II: Articulation with Development Strategies.*  
*Payments and Markets for Ecosystem Services III: Buyers and Sellers in the Global North.*  
*Payments and Markets for Ecosystem Services IV: Establishing Governance and Institutions.*  
Paper presented: *Bringing Ecosystems to Market: Classifying, Bundling, and Stacking Value.*
- 10/09. Mini-Conference on Critical Geography, Athens, GA. Paper presented: *Bringing Ecosystem Services to Market: Classifying, Bundling, and Stacking Value.*
- 07/08. Annual Meeting of the Institute of Australian Geographers, Hobart, TAS.  
Paper presented: *Representing Nature and Bundling Value: Bringing Ecosystems to Market.*  
Paper sessions organized: *Neoliberal Natures: Elemental – Carbon and Water; Neoliberal Natures: Organismal – Habitat and Species*
- 05/08. Annual Meeting of the Society of Wetland Scientists, Washington, DC.  
Paper presented: *Mitigation under Section 404 of the Clean Water Act: Where It Comes from, What It Means*
- 04/08. Annual Meeting of the Association of American Geographers, Boston, MA.  
Paper presented: *Creating New Value in Nature*  
Panelist: *Lay Science and the Environment II*  
Discussant: *Restoration Geographies II*
- 10/07. Conference organized: ~~Mini-Conference~~ on Critical Geography, Lexington, KY.
- 04/07. Annual Meeting of the Association of American Geographers, San Francisco, CA.  
Paper presented: *"Cultivating this green frontier": Branding ecosystem service credits.*  
Panel session organized: *Behind enemy lines: Critical ethnographies of capital, the Right, and other anti-progressive institutions.*
- 10/06. Mini-Conference on Critical Geography, Columbus, OH.  
Paper presented: *Looking for price in all the wrong places.*

- 04/06. National Mitigation and Conservation Banking Conference, Portland, OR.  
Paper presented: *Market Data and Trends in Entrepreneurial Wetland Banking, 1994-2002.*
- 03/06. Annual Meeting of the Association of American Geographers, Chicago, IL.  
Paper presented: *Looking for price in an ecosystem service market.*  
Paper session organized: *Merchandising Nature: Ecology, Equity, and New Green Markets.*  
Panelist: *Neoliberalism, Nature, and Governance.*  
Field Trip organized: *Natural Capital: Wetland bank sites producing environmental credits for the Chicago market.*
- 06/05. Meeting of the Society of Wetland Scientists, Charleston, SC.  
Paper presented: *Trends in entrepreneurial wetland mitigation banking: lessons from Chicago and Minnesota*
- 04/05. Annual Meeting of the Association of American Geographers, Denver, CO.  
Paper presented: *The nature that capital can see—and the nature that the state can govern.*
- 03/04. Annual Meeting of the Association of American Geographers, Philadelphia, PA.  
Paper presented: *The limits of articulation in the commodification of ecosystem services.*
- 03/03. Annual Meeting of the Association of American Geographers, New Orleans, LA.  
Paper presented: *Scalar Obstacles to the Creation of New Markets in Ecosystem Services.*
- 10/01. Society for Ecological Restoration International Conference, Niagara Falls, ON.  
Paper presented: *No Net Loss of Capitalism: Wetland Mitigation Banks as “Capitalized Nature”.*
- 02/01. Annual Meeting of the Association of American Geographers, New York, NY.  
Panel session organized: *Incorporating Nature: Ecology and the Non-human in Critical Approaches to the Environment.*  
Paper session organized: *Critical Approaches to Ecological Restoration.*  
Paper presented: *No Net Loss of Capitalism: Wetland Mitigation Banks as Capitalized Nature.*
- 03/00. Annual Meeting of the Association of American Geographers, Pittsburgh, PA.  
Paper presented: *“Who Deems What is Sacred?”: Science and Colonialism in Downtown Minneapolis.*
- 02/00. Western Geography Student Conference, Boulder, CO.  
Paper presented: *Ecological restoration and the reality of constructed nature.*
- 10/98. Joint Meeting of the West Lakes Division of the Association of American Geographers and the Wisconsin Geographical Society, Madison, WI.  
Paper presented: *Political Ecology in Suburban North America: “No Net Loss” and the Commodification of Wetlands*
- 05/98. Meeting of the MacArthur Consortium on International Peace and Cooperation: “The Challenge of Urban Sustainability”, Minneapolis, MN.  
Paper presented: *The Political Ecology of Wetlands Management and Urban Sprawl in Exurban Woodbury.*
- 03/98. Annual Meeting of the Association of American Geographers, Boston, MA.  
Poster presented: *Political and Ecological Dimensions of Wetland Policy in a Suburban Watershed.*

10/97. Meeting of the West Lakes Division of the Association of American Geographers, Kenosha, WI.

Paper presented: *Political and Ecological Dimensions of Wetland Policy in a Suburban Minnesota Watershed.*

## **OTHER PROFESSIONAL EXPERIENCE**

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04/02 – 08/03. Ecological Monitoring Technician. Applied Ecological Services, Brodhead, Wisconsin.

04/96 – 08/98. Wetland Assessment Technician. Bonestroo, Rosene, Anderlik & Associates, St. Paul, Minnesota, and Emmons & Olivier Resources, Lake Elmo, Minnesota.

11/93 – 10/94. Research Associate (Fulbright Fellow). Commonwealth Scientific and Industrial Research Organization (CSIRO) Tropical Forest Research Centre, Atherton, Australia.

## **PROFESSIONAL AFFILIATIONS**

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Association of American Geographers (1997 – present).

Cultural and Political Ecology Specialty Group

Society for Ecological Restoration (1998 – present).

Society of Wetland Scientists (2005 – present).

Chapters: North Central US, South Central US, Australasian, Ramsar

## **COLLABORATORS**

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