

Curriculum Vitae

Morgan McEuen Robertson

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BASIC INFORMATION

Position: Assistant Professor, Department of Geography, University of Kentucky

Citizenship: United States

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 (with Honors) and Anthropology (with Honors), 1993, Grinnell College

RESEARCH

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

Regional Specializations: anglophone North America, Australia.

Methodological Specializations: Interview-based and participant-observation social research methods, qualitative and quantitative ecological field methods.

Publications in Refereed Journals

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.

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. Status of Markets 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.

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.

Robertson, M. M. 2004. The Neoliberalization of Ecosystem Services: Wetland Mitigation Banking and Problems in Environmental Governance. *Geoforum* 35(3): 361-373. *also as:* 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* (2007).

Wainwright, J. D. and M. M. Robertson. 2003. Territorialization, Science, and the Postcolonial State: The Case of Highway 55 in Minnesota. *The Journal of 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. 2009. Five hidden challenges to ecosystem markets. The Katoomba Group's Ecosystem Marketplace, 4 January 2009. www.ecosystemmarketplace.com.
- 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: 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 Wetlands 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. 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 Accepted or in Press

- Robertson, M. 2011. In press. Chapter: Ecosystem Services. In. Nriagu, J. (ed.) *Encyclopedia of Environmental Health*. Oxford: Elsevier Publications.
- Lave, R. M. Robertson and M.W. Doyle. Accepted for publication. Banking Streams: The Commodification of Restoration. *Social Studies of Science*.

Publications In Preparation

- Robertson, M. Submitted for publication. Measurement and Alienation: Bringing Ecosystems to Market. *Annals of the Association of American Geographers*.
- Robertson, M. and J. Dempsey. In preparation. Ecosystem services: dialogues of sustainability, system, and accounting. For submission to *Progress In Human Geography*.
- Robertson, M. and P. Hough. In preparation. Wetland Mitigation under the US Clean Water Act. For publication in LePage, B. (ed.) *Wetlands: Integrating Multidisciplinary Concepts*. New York: Springer-Verlag.
- Robertson, M. In preparation. Longitudinal evaluation of suburban wetland mitigation sites in Minnesota. For submission to *Wetlands: The Journal of the Society of Wetland Scientists*.
- Robertson, M. In preparation. *Drawing Lines in Water: Wetland Banking and the Commodification of Nature*. Book manuscript.
- Robertson, M. and M. Wilkinson. In preparation. The ecosystem service value of soil bioturbation. For submission to *AMBIO*.

- Robertson, M. and J. Wainwright. In preparation. The Value of Nature. For submission to *Economic Geography*.
- Sayre, N. and M. Robertson. In preparation. Natural Capital. For submission to *Environment and Planning D: Society and Space*.
- Robertson, M., R. Lave and M. Doyle. In preparation. Letter: Unbundling nature to save it? For submission to *Science*.
- Robertson, M. In preparation. Risk, Ratios and Roles: Current issues in wetland compensation accounting. For submission to *BioScience*.

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*. He Cambridge, MA: The MIT Press. Reviewed in *Environment and Planning A* 36(4), 2004.

Activities At Professional Conferences

- 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.*

Invited Lectures/Panels

- 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 4th 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.*

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.

GRANTS AND AWARDS

Summer Faculty Research Fellowship. University of Kentucky College of Liberal Arts, 2009.
Postdoctoral Research Fellowship. Oak Ridge Institute for Science and Education, 2004-2007.
Socialist Specialty Group Award for Best Paper. Association of American Geographers, Socialist Geography Specialty Group, 2003.
Dissertation Fellowship. University of Wisconsin Graduate School, 2003-2004.
Doctoral Dissertation Improvement Grant. National Science Foundation, 2002-2003.
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.
Jacob K. Javits Fellowship. U.S. Department of Education. 1997-2001.
Graduate Fellowship. University of Minnesota Department of Geography, 1996-1997.
Fulbright Fellowship. Research conducted at the CSIRO Cooperative Research Centre for Tropical Rainforest Ecosystem Management, Cairns, Australia. 1993-1994.

TEACHING EXPERIENCE

Instructor, Geography 600, *Introduction to Methods in Geography*, 2009 (fall), University of Kentucky.

Instructor, Geography 714, *Political Ecology*, 2009 (spring), University of Kentucky.
Instructor, Geography 714, *Critical Theories of Nature and Environment*, 2010 (spring),
University of Kentucky.
Instructor, Geography 200, *Concepts and Methods in Geography*, 2008 (fall), 2009 (fall),
University of Kentucky.
Instructor, Geography 655, *Markets and Nature*, 2008 (spring), University of Kentucky.
Instructor, Geography 172, *Introduction to Human Geography*, 2007 (fall), 2008 (fall), 2009
(spring), 2010 (spring) University of Kentucky.
Lecturer, Geography 339, *Environmental Conservation*. 2004 (fall), University of Wisconsin.
Teaching Assistant, Geography 1302, *Introduction to Human Geography*. 1998 (spring)
University of Minnesota.
Teaching Assistant, Geography 1402, *Introduction to Physical Geography*. 1997 (fall), 1998
(winter), University of Minnesota.

SERVICE

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-
2009.
Semple Day Committee, University of Kentucky Department of Geography, 2008-2009.
Personnel Committee, University of Kentucky Department of Geography, 2008-2009.

External

Member, U.S. Environmental Protection Agency *Report on the Environment* Expert
Panel: Wetlands Conditions. January 22, 2008, Washington, DC.
Member, SpeciesBanking.com Steering Committee (2006 - present)

Referee

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

Wetlands (1)

Reader: University of Georgia Press (1)

Research Proposals: National Science Foundation (1)

Conferences Organized

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

LANGUAGES

French (basic), Latin (basic)

FIELD RESEARCH EXPERIENCE

11/04 – 08/07. Research Fellow and Regulatory Consultant. US Environmental Protection Agency Headquarters, Office of Water, Wetlands Division, Washington, DC.

04/03 – 08/03, 04/02 – 07/02. 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

Association of American Geographers (1997 – present).

Cultural and Political Ecology Specialty Group

Society for Ecological Restoration (1998 – 2002).

Society of Wetland Scientists (2005 – present).

COLLABORATORS

Joel D. Wainwright, University of Minnesota.

Eric Raffini, US Environmental Protection Agency, Region IX

Nicholas Hayden, University of Wisconsin – Madison.

Michael Mikota, Clemson University.

Palmer Hough, US Environmental Protection Agency, Headquarters

Jessica Dempsey, University of British Columbia

Nathan Sayre, University of California – Berkeley

Claudia Thiem, University of Wisconsin – Madison

Marshall Wilkinson, MacQuarie University

Rebecca Lave, University of Indiana

Martin Doyle, University of North Carolina

ADVISORS

Eric Sheppard, University of Minnesota (M.A.)

Matthew D. Turner, University of Wisconsin – Madison (Ph.D.)