

CURRICULUM VITAE

Laurel Elena Phoenix, Associate Professor

Chair – Geography Department 2007-2010
Public and Environmental Affairs Unit
Environmental Science and Policy Graduate Faculty

University of Wisconsin – Green Bay
Cofrin Hall B310, 2420 Nicolet Dr.
Green Bay, WI. 54311
Tel (920) 465-2402; Fax (920) 465-2791

PROFESSIONAL INTERESTS

Transitioning to Sustainable Communities, Aging Water Infrastructure, Watershed Management, Landspreading
Pollution, Rural Environmental Planning

ACADEMIC TRAINING

<u>School</u>	<u>Major</u>	<u>Degree</u>	<u>Date</u>
College of Environmental Science and Forestry, State University of New York	Watershed Mgmt/Forestry	Ph.D.	2001
	“Community Characteristics Influencing Interlocal Agreements: How Rural Governments Comply with SDWA Mandates.”	Chair: Donald Floyd	
University of Colorado, Boulder	Geography	M.A.	1994
	“An Evaluation of the Denver Regional Council of Governments as a Nonpoint Source Planning Agency.”	Chair: James Wescoat	
University of Colorado, Boulder	Geography	B.A.	1992

PROFESSIONAL EMPLOYMENT

Present to 2010 - Chair, Geography Department

June 2006 to present - Associate Professor, University of Wisconsin-Green Bay

August 2000 to June 2006 - Assistant Professor, University of Wisconsin-Green Bay

August 1998 to August 2000 - Research Assistant, SUNY College of Environmental Science and
Forestry, Syracuse

August 1994 to August 1998 - Instructor at University of Colorado - Boulder, University of Colorado -
Denver, Metropolitan State College, Front Range Community College

August 1992 to August 1994 - Instructor and Research Assistant, University of Colorado, Boulder

TEACHING

Courses taught

Transitioning to Sustainable Communities, PuEnAf 324/524, *UWGB*
Environmental Science and Policy Capstone, ES&P 763, *UWGB*
Environmental Science and Policy Perspectives, ES&P 701, *UWGB*
Water Resources Policy and Mgmt., PuEnAf 351/551, *UWGB*
Environmental Law, PuEnAf 378/578, *UWGB*
Environmental Impact Assessment, PuEnAf 356, *UWGB*
Planning Theory and Methods, PuEnAf 452/652, *UWGB*
Land Use Controls, PuEnAf 323, *UWGB*
Intro. to Public Policy, PuEnAf 202, *UWGB*
Environment and Society, PuEnAf 102, *UWGB*
Environment and Behavior, *ENVD 3001, UC Boulder*
Water Resources, *GEG 340, Metro State College*
Water Law Seminar, *GEG 490, Metro State College*
Wetlands Seminar, *GEG 490, Metro State College*
World Resources, *GEG 110, Metro State College*
World Regional Geography, *GEG 100, Metro State College*
Environmental Science, *GEG 120, Metro State College*
Context of Planning & Architecture, *ENVD 5361, UC Boulder*
Intro. to Architecture, Landscape Architecture, and Planning, *ENVD 1014, UC Boulder*
Environmental Planning I: Ecology, *URP 6649, UC Denver*
Climate and Vegetation, *GEOG 1001, Cont. Ed, UC Boulder*
Climate and Weather, *GEO 112, Front Range Community*
Landforms and Soils, *GEOG 1011, Cont. Ed, UC Boulder*

Independent Studies/Honors in the Major Courses at UWGB

Independent Study

Problemas con los Desastres Naturales y el Uso de la Planificación Urbana (written & researched in Spanish)
Water Resources Policy
Environmental Design
Analysis of the Electoral College
Environmental Landscape Design for local park proposal (team of three students)
Great Lakes Policy
National Parks and Forests Land Use Issues
Oil Pollution Prevention and Response
Contaminant Pathways and Testing of Beach Pollution
Dam Removal Trends
Annexation and Collaboration in Local Governments

Honors in the Major

Groundwater Recharge, Contaminant Transport, and Land Use Impacts

Thesis Committees

Chairperson of committee, thesis completed:

Angela Pierce – *The Effect of Price on Residential Water Demand in Central Brown County, Wisconsin*
Angel Dybas – *Wisconsin Groundwater Law. 2006*
Diana Cornelius – *Three Sisters Gardening: Rejuvenating a Cultural Food System with the Oneida Tribe of Indians of Wisconsin. 2005*
Michael J. Brown – *Efficacy of Smart Growth planning in Howard, Wisconsin. 2003*
Mary Verkuilen - *Media Influence on High School Seniors Regarding Law Enforcement Careers. Nov, 2001*

Chairperson of committee:

Vinnie Hancock – *Modeling Contaminant Pathways of Door County Beaches*

Service on thesis committee, thesis completed:

Daniel A. Cibulka, 2009 – *20 yr. survey of Water Quality, Watershed Conditions & Biotic Integrity in Duck Creek*

Craig Marsh, 2008 – *Surveying the Wisconsin Buffer Initiative*

Tracy Houston, 2007 – *Endangered Habitat of the Niagara Escarpment*

Joann Dickinson, May, 2005 - *Community Participation in Superfund: Case Study of the Lockformer Company in Lisle, IL*

Thomas VanDrasek, May, 2005 - *The Fox River Trail: Public Policy, Private Property, and Progress*

Amanda Bowman, May, 2005 - *Wisconsin and Smart Growth: An Assessment of Conservation Subdivision Zoning Policies Using Content Analysis and Geographic Information Systems*

Nicholas Domer, May 2005 - *Implementation of the Exemption Under Clean Water Act Section 404 (f)(1)(e) for Construction and Maintenance of Forest Roads*

Tammy Castonia, April, 2005 - *State Implementation of Agriculture Nonpoint Source Pollution Policy*

Sashi Yadav – *Recycling Programs in Brown County*

Monica Hauck-Wheaton, September, 2003- *Wisconsin Civic Environmentalism in the DNR's Self-help Lake Monitoring Program*

Hiroko Yamagishi, May, 2002. *A Comparison of Voluntary Environmental Activity Disclosure between Japan and the United States.*

Erin Gatzke, May 2002. *TMDL Implementation in the Fox-Wolf Basin.*

Jay Hodgson, May 2002. *An evaluation of the source water assessment program for transient non-community groundwater systems in northeast Wisconsin.*

Robert Proudfit, 2001. *Development of a Decision Support Framework for Local Land-Use Decision-Making.*

Service on thesis committees:

Heidi Schmidt-Marquez - *Water Quality Trends on the Great Lakes System 1993-2007*

Lisa Ashenbrenner – *Case Study of Food Cooperatives in Wisconsin and their role in Sustainable Food*

Trisha Adams-Cooper – *Case Study of TMDL implementation in Wisconsin*

Mike Stievater - *Impact of Logging Roads on Hydrologic Function at Shivering Sands*

Steven Potokar – *Evaluating Membrane Performance in Removal of Fine Particulate Matter from Recirculating Aquaculture Systems*

PEA Advisor

PEA advisor 2006-2010

Internship Advisor

PEA internship coordinator 2002-2006

Co-organizer of “Revitalize Gillett” program 2002

Invited Speaker

Door County Historical Society – “Climate Changes in the Great Lakes.” July 10, 2007

Oxford Lecture: “Water conservation: What works? What doesn’t?” (with Tom Nessler) May, 2005.

Oxford Lecture: “Water Wars in U.S. Communities.” October, 2003.

“Aging Infrastructure” lecture given to Dr. Dolan’s graduate Perspectives class.

“Smart Growth and Water Issues” lecture given to Dr. Stoll’s graduate Perspectives class.

“Problems in Public Planning” lecture given to Dr. Abel’s Public Administration class.

Faculty Research Lecture Series, April 10, 2002 - “Rural Sprawl, Smart Growth, and Drinking Water Quality”

“The Great Debate”, February 1, 2002.

I championed the field of Geography at this debate between the social sciences. Each champion had five minutes to argue why their social science should be the only survivor if a “social science catastrophe” occurred, wiping out all but one field.

Honors

Teaching Scholar, UWGB, 2007-2008

Teaching Scholar, UWGB, 2001-2002

SCHOLARSHIP

Published

Edited volumes:

Critical Food Issues [Two Volumes]: Problems and State-of-the-Art Solutions, Volume 1, with Lynn Walter, editor of Volume 2. Praeger/Greenwood Publishers, Fall, 2009.

Chapters in Volume 1

Part I: Environment

1. Water and Land Use Policy in the United States - Laurel E. Phoenix
2. Soil Degradation and Soil Conservation - Pat E. Norris and John M. Kerr
3. Integrated Pest Management, with Special Focus on Sustainability and Risk: Principles, Policy and Practice - Michael J. Brewer and Marcia Ishii-Eiteman
4. Agrobiodiversity - Vicki L. Medland
5. Energy Conservation in Agriculture and Food Transport - David Pimentel

Part II: Agriculture and Fisheries

6. Sustainable Agricultural Practices in the United States & Post-Industrial Countries - Daniel A. Cibulka
7. Sustainable Agricultural Development in Developing Countries - Richard H. Bernsten and Sieglinde Snapp
8. Urban Agriculture - Jim Bingen, Kathryn Colasanti, Margaret Fitzpatrick and Katherine Nault
9. Achieving Sustainable Fisheries: All Hands on Deck! - Tracy Dobson

Part III: Health

10. Food Security and Food Insecurity in the United States, and Their Consequences for Child Health - John T. Cook
11. Food Security in Developing Countries - John M. Staatz, Duncan H. Boughton, and Cynthia Donovan
12. The Effect of Agricultural Practices on Nutrient Profiles of Foods - Debra Pearson
13. School Lunch and Breakfast Programs - Sandra Stokes
14. Disordered Eating and Body Image - Cheryl Kalny
15. Obesity - Joanne Gardner

Peer-reviewed articles:

“The Neoconservative Assault on the Earth: The Environmental Imperialism of the Bush Administration,” by Austin, A. and L. Phoenix. Capitalism, Nature, and Socialism, Vol. 16, No. 2, pp. 25-44, June, 2005.

“Vulnerable Groundwater Drinking Sources in Door County, Wisconsin,” Applied Environmental Science and Public Health, Vol. 1, No. 2, pp. 129-137. December, 2003.

Chapters:

“Water and Land Use Policies in the United States” in Critical Food Issues [Two Volumes]: Problems and State-of-the-Art Solutions, Volume 1. Praeger/Greenwood Publishers, Fall 2009.

“Infrastructure degradation and policy response in major US cities” in Environmental History of Water: Global views on community water supply and sanitation, edited by Petri S. Juuti (University of Tampere, Finland), Tapio S. Katko (University of Technology, Tampere, Finland) and Heikki S. Vuorinen (University of Helsinki, Finland). January, 2006. International Water Association Publishers.

“Beyond the Texas Oil Patch: The Political Ascendancy of Anti-Environmentalism.” (with Andrew Austin). Devastating Society - The Neoliberal Assault on Democracy and Social Justice, Bernd Hamm, ed. London: Pluto Press. January, 2005.

Translations – German
Arabic
Indonesian

“The Other America – Dissenting Groups and Movements.” Devastating Society - The Neoliberal Assault on Democracy and Social Justice, Bernd Hamm, ed. London: Pluto Press. January, 2005.

Translations – German
Arabic
Indonesian

Articles in my edited IMPACT issues:

“Landspreading Hazardous Wastes in the United States,” Water Resources IMPACT, Vol. 11, No. 4, pp. 7-10, July 2009.

“Energy and Water,” Water Resources IMPACT, Vol. 9, No. 1, p. 3, January, 2007.

“Aging Infrastructure: Coming Soon to a City Near You,” Water Resources IMPACT, Vol. 7, No. 5, p. 3, September, 2005.

Clay J. Landry and Laurel E. Phoenix. “Forging New Rights to Water,” Water Resources IMPACT, Vol. 5, No. 2, pp. 3-4, March, 2003.

“Introduction to Small Municipalities and Water Supply” in Water Resources IMPACT, Vol. 4, No. 2, pp. 2-3. March, 2002.

“Rural Municipal Water Supply Problems: How do Rural Governments Cope?” in Water Resources IMPACT, Vol. 4, No. 2, pp. 20-26. March, 2002.

Article in IMPACT issue, John Herring, editor:

“Measuring Success of the SWAP Program.” Water Resources IMPACT, Vol. 2, No. 1, pp. 8-10. Jan. 2000.

Book review:

“Voices For The Watershed: Environmental Issues in the Great Lakes—St Lawrence Drainage Basin,” edited by Gregor Gilpin Beck and Bruce Litteljohn. In JAWRA (Journal of the American Water Resources Association), Vol. 37, No. 6, pp. 1736-1737. Dec. 2001.

Essays:

“International Trends of Privatization of Drinking Water and Wastewater Treatment Plants” in Introduction to Water Resources and Environmental Issues, by Thomas V. Cech and Karrie Pennington. Cambridge University Press, publication in Fall of 2009.

“Urban Runoff: Nonpoint Source Pollution in Colorado.” In Essentials of Physical Geography. ed. Ralph C. Scott. West Publishing: New York. 1996.

Encyclopedia Entries/Essays:

Three entries in The Encyclopedia of World Geography, Golson Books Publishers. Fall, 2005.

Phoenix, Laurel E. "Irrigation." pp. 476-477. (1850 words)
____. "Littoral." pp. 546-547. (675)
____. "New Mexico." pp. 656-657. (600)

Six entries in The Encyclopedia of Water, Wiley Publishers. April, 2005.
(page cites unavailable from Wiley)

Phoenix, Laurel E. "Lakes - Discharges to" (3126)
____. "Source Water Quality Management" (1580)
____. "Mining Fossil Aquifers" (1190)
____. "Extraterritorial Land Use Control to Protect Water Supplies" (1670)
____. "Water as a Human Right" (2150)
____. "Water Managed in the Public Trust" (1520)

Six entries in MacMillan's Water: Science and Issues, ed. E. Julius Dasch. New York: Macmillan Reference USA, 2003.

Phoenix, Laurel E. and William A. Atkins. "Water Supply Infrastructure." pp. 213-216. (800)

Phoenix, Laurel E. "Small Leaks and Big Breaks." p. 214. (105)
____. "Federal Water Legislation." pp. 28-31. (1155)
____. "National Environmental Policy Act." pp. 112-114. (600)
____. "Safe Drinking Water Act." pp. 66-69. (500)

Forty entries in Encyclopedia of Housing, ed. W. van Vliet--. Thousand Oaks, CA: Sage Publishing. 1998. (subjects cover govt. policy, program administration, and organizations related to housing)

Associate Editor of Water Resources IMPACT Journal since 2001:

Associate Editor for AWRA's IMPACT journal. On-going planning with board members to plan issues two years in advance and shift from a bi-monthly to monthly publication.

Published issues:

July, 2009. Water Resources IMPACT, Vol. 11, No. 4. Issue title: "Landfill and Landspreading Hazards"
(with Eric Fitch)

Included the following articles:

"Landfills, Ground Water Quality, and the Future of Waste Management in America" – Eric Fitch
"Landspreading Hazardous Wastes in the United States" – Laurel E. Phoenix
"Effects of Animal Waste Spreading on Ground Water and Challenges for Water Resources Education" – Kevin Masarik
"Livestock Manure Management in the American Pacific Islands" – Carl Evensen
"Pharmaceuticals and Personal Care Products in Biosolids" - Alistair Boxall (Univ. of York) and Sara Monteiro

May, 2008. Water Resources IMPACT, Vol. 10, No. 3. Issue title: "Riparian Ecosystems and Buffers: Working at the Water's Edge" (managing editor for guest editor Albert Todd)

Included the following articles:

"Riparian Ecosystems and Buffers: Working at the Water's Edge" - Albert H. Todd
"Riparian Zones: They Aren't Just for Buffers Any More" - Mark P. Smith, Roy Schiff, and Jeff Opperman
"Living Shorelines: Restoring Multi-Function Buffers on Coastal Shorelines" - William G. Reay and Scott Lerberg
"Generalizing Riparian Zone Function at the Landscape Scale" - Philippe Vidon, Craig Allan, and Richard Lowrance
"A Synopsis of Riparian Forest Buffer Restoration Efforts" - Judith A. Okay and David Wise

- “Riparian Ecosystem Consequences of Water Redistribution Along the Colorado Front Range”
- John D. Wiener, Kathleen A. Dwire, Susan K. Skagen, Robert R. Crifasi, and David Yates
- “Building Bigger Better Buffers for Bioenergy” - Michele M. Schoeneberger, Gary Bentrup,
Dean Current, Bruce Wight, and Tom Simpson

September, 2007. Water Resources IMPACT, Vol. 9, No. 5. Issue title: "Measuring Monitoring Performance by Local Watershed Groups" (managing editor for guest editor Winfield Wright)

Included the following articles:

- "Who is Monitoring the Lifeline?" - Win Wright
- "The Social context of Volunteer Environmental Monitoring" - Linda Wagenet & Max Pfeffer
- "Effects of Mine Remediation on Water Quality and Benthic Macroinvertebrates in the Upper Animas River Watershed, Southwestern Colorado" - J.Robert Owen, Chester Anderson and William Simon
- "Potential Liability for Good Samaritans Cleaning Up Abandoned Hardrock Mines" - Peter Butler
- "Validity and Applications of Citizen Volunteer Water-Quality Data: A Case from Alabama" - William Deutsch, Eric Reutebuch, and Sergio Ruiz-Cordova
- "Effectiveness Monitoring by California Community Watershed Groups" - Fraser Shilling and Richard Harris
- "Importance of Quality Assurance Planning for Long-Term Monitoring Programs" - J. Latimore and Ric Lawson

January, 2007. Water Resources IMPACT, Vol. 9, No. 1. Issue title: “Energy and Water” (with Eric Fitch).

Included the following articles:

- “Energy and Water” – Laurel Phoenix
- “Exploring the Relationship between Energy and Water” – Eric Fitch
- “Emerging Energy Demands on Water Resources” – Mike Hightower, et al., Sandia Labs
- “Will Water cause the Next Electricity Crisis?” – Lon House
- “U.S Bureau of Reclamation is a World Leader in Hydropower” – Michael Roluti

September, 2005. Water Resources IMPACT, Vol. 7, No. 5. Issue title: “Aging Infrastructure: Coming Soon to a City Near You”

Included the following articles:

- “Aging Infrastructure: Coming Soon to a City Near You” – Laurel Phoenix
- “The Cost of Doing Nothing” – Patricia Terry
- “Tapping the Public Spirit: Time for a National Recommitment to Safe, Clean Water” – Wenonah Hauter
- “Green Bay Metropolitan Sewerage District Takes Steps to Avoid the Infrastructure Crisis” – Peter McCarthy
- “Sewer Overflows in Milwaukee: What is the Real Problem and How do we Solve It?” – Kevin Shafer
- “Going Trenchless? Today’s Choices are Better, More Affordable Than Ever” – Mary Bufe
- “Maintaining Optimum Well Performance” – Jim Bailey

March, 2003. Water Resources IMPACT, Vol. 5, No. 2. Issue Title: “Forging New Rights to Water.” (with Clay Landry)

Included the following articles:

- “Forging New Rights to Water” – Clay Landry and Laurel Phoenix
- “East Meets West: The Tale of Two Water Doctrines” – George Sherk
- “Water Rights in the Commons” – Elinor Ostrom, et al.
- “Environmental Consequences of Ground Water Pumping” – Robert Glennon
- “Native American Water Rights” – Tod Smith
- “Water Rights, Conflicts, and Culture” – Jeffrey Rothfeder
- “Negotiating Transitions in Water Rights” – Meinzen-Dick and Bruns

March 2002. Water Resources IMPACT, Vol. 4, No. 2. Issue title: “Small Municipalities and Water Supply”

Included the following articles:

- “Small Municipalities and Water Supply – Introduction” – Laurel Phoenix

“When the Well Runs Dry: Examining the Water Supply Issues in Brown County, Wisconsin” – Kendra Axness, John Potokar and Thomas Van Drasek
“Potential Impacts of Comm 83 on Rural Groundwater” – Jeanette Jaskula, Warren Hohn
“Source Water Assessment Implementation Obstacles: Are Transient Non-Community Wells Not as Important?” – Jay Hodgson
“Water Supply and Rural Municipal Water Supply Problems: How do Rural Governments Cope?” – Laurel Phoenix
“Agriculture and Water Decision-making by County Boards in the Western United States” – Kate Berry, Nancy Markee

Manuscript review:

Articles for:

Society and Natural Resources

“Obsolete and Irreversible: Technology, Local Growth Machine Development and the Environment”

Environmental Politics

“Scale framing of scientific uncertainty in controversy over the endangered Steller sea lion”

Journal of the American Water Resources Association.

“Effects of Increased Delta Exports on Sacramento Valley’s Economy and Water Management”

“Bringing Down our Dams: Trends in American Dam Removal Rationales”

“University-Community Partnership: Integrating Service-Learning into Watershed Management Programs.”

Book Manuscripts for:

Island Press

“Building Sustainable Watersheds: Meeting the Challenges of Population Growth, Development, and Climate Change” – William Marsh and Marty Kaufman

W.W. Norton

“Humans in the Landscape: Introducing Environmental Studies” – First four chapters. Kai Lee, William Freudenberg, and Richard Howarth

Lynne Rienner Publishers

“Land Wars: The Politics of Property and Community”

Resources for the Future

“Private Rights in Public Resources: Property Norms, Environmental Policy, and Equity”

Grant Proposal Review

National Science Foundation

A research grant proposal for \$99,306 for “Undergraduate Research Experience to Assess Sustainable Sanitation and Drinking Water Quality in Developing Countries.”

National Institutes for Water Resources

A research grant proposal for \$155,497 for “Assessing the Effectiveness of Local Water Institutions in Water Quality Protection,” submitted by Robert Hearne.

Grants

\$1000 for UWGB Interdisciplinary Lesson Study Grant granted to team consisting of myself, John Luczaj,

Kevin Fermanich and Matt Dornbush to produce a lesson useful in several classes on the rising groundwater levels in Brown County as a result of some communities switching to the Manitowoc pipeline.

\$600 from the UWGB Research Council to conduct in-person interviews with tribal and city officials regarding the Navajo-Gallup Pipeline.

Conferences

- November, 2007 Sea Level Rise and Water Infrastructure Investment
- November, 2005 Transnational Influences on Urban Sanitation Systems in Developing Countries
- November, 2004 Navajo-Gallup Pipeline: Collaborating to Access Water Supplies,
American Water Resources Association Annual Meeting, Orlando, FL.
- October, 2004 Getting the Lead Out – Policy Problems for Drinking Water,
56th Annual Meeting of West Lakes Division, American Association of Geographers,
Oshkosh, Wisconsin.
- October, 2002 Paper mills and science mills: The Battle for the Fox River.
Mid-South Sociological Association. Memphis, Tennessee. October 16-19, 2002. Co-
authored with Andrew Austin.
- November, 2002 Unprotected Groundwater Drinking Sources In Door County, Wisconsin.
American Water Resources Association Annual Meeting, Philadelphia, PA.
- March, 2001 Drinking Water Access, Availability, and Constraints for Central Brown
County Water Authority Communities
Wisconsin Annual Conference of the American Water Resources Association
Green Lake, WI.
- February, 2001 Influence of Rural Community Characteristics on Participation in Interlocal
Drinking Water Agreements
Annual Conference of Association of American Geographers, NYC, NY
- Fall, 1997 Application of Water Law concepts to Mitigate Agricultural Nonpoint Source
Pollution
Salt City Chapter Annual Conference, American Water Resources Association,
Syracuse, NY.
- Fall, 1993 Voluntary Stakeholder Motivation in Nonpoint Source Pollution Education
Annual Rocky Mountain Association of American Geographers Conference,
Boulder CO.
- Spring 1993 Boulder County's Water Treatment Compliance Pattern under the Safe
Drinking Water Act and the Clean Water Act
Annual Conference of Association of American Geographers, Atlanta, GA.

SERVICE

Community Service

Center for Food in Community and Culture 2007 - present

A new applied research center on campus with a strong community service component to promote local agriculture, community and home gardens, higher quality food in school districts, and researching food systems to relink local wholesalers and local farmers to improve local food security. Our mission statement: "The Center for Food in Community and Culture at the University of Wisconsin-Green Bay facilitates interdisciplinary scholarship to enhance the synergy between sustainable food systems, healthy individuals, and equitable, thriving communities, locally and globally."

Guest lecture with Ron Stieglitz to the Door County Environmental Council on "Climate Change and Door County."
July 2007

Interviewed by Wisconsin Public Radio. 2007

Invited by "Citizens against Walmart" to speak at the Green Bay Planning Department's open house on the new SuperWalmart plans.

Senator Gaylord Nelson's "Clean Water Act 30th Anniversary" speech, Oct. 2003.

Senator Nelson's speech was coordinated with national water quality event where local water quality is tested. I was part of a small group coordinating his Green Bay speech with this national event, bringing in local news and TV reporters, and I brought two graduate students to this event to do the water quality testing.

Green Bay Speakers Forum, 2003 - 2006

Our speakers forum met and networked over the course of two years to solicit speakers, coordinate their events with individuals or institutions throughout the community and state, and seek out funding from multiple sources for these speakers. The two speakers we had were: former EPA ombudsman Robert Martin, and former CIA agent Ray McGovern. See files for information on their speaking schedules and community coverage.

Fox/Wolf Rivers Environmental History Project, 2003 - 2004

This project is a web-based public education tool to inform the public about environmental history of the Fox/Wolf region. My participation was to discuss policy for how to expand the project, pragmatic scheduling of implementing new pages and themes, and consultant on which themes and historical events would be covered.

Public Access Programming-Politics, Media, and Culture 2004-2005

This group was created to bring fresh public programming to the Fox Valley area. We first created our mission statement and our long "possible topics" list, and then began the formal learning process of "rules" for the content and format of a public broadcast. See files for topics list.

University Service

Campus-wide Committees/Centers

Executive Boardmember - Center for Food in Community and Culture 2007-present

Boardmember – Committee on Committees and Nominations 2008-present

Interim Chair – Committee on Committees and Nominations Spring 2009

Boardmember - Biodiversity Center Advisory Committee 2007-2010
2001-2004

Chair – Global Studies Ad hoc Committee for Provost Hammersmith 2006

Boardmember – University Leadership Awards Selection Committee Fall 2007, Spring 2008
Fall 2004, Spring 2005

Boardmember - Student Affairs Committee - Fall, 2002, Spring 2003

Boardmember - Student Appeals Committee - Summer 2003

Student Democrats Organization Advisor - 2006-2008

Student Sierra Club Organization Advisor - 2006-2008

Campus Programs/Events

Spring 2009 Preview Days

Spring 2009 Majortopia

Fall 2008 Preview Days

FOCUS 2007

FOCUS 2006

FOCUS 2005

Introduction to College 2002

Introduction to College 2001

Graduate School

Active member of graduate school faculty, Environmental Science and Policy Program 2000-present

Outstanding Thesis Committee – 2004-2009

Chair – Outstanding Thesis Committee 2008

Chair - Graduate School Curriculum Committee for Perspectives/Capstone Course

Chair - Non-Thesis Option Committee

Public and Environmental Affairs Unit

Chair, Curriculum Committee for Public and Environmental Affairs Department

National Service

Associate Editor: Water Resources IMPACT, bimonthly publication of the American Water Resources Association, serving since 2001.

Conference Service:

Mar 29, 2001 Moderator – Effects of Urbanization on Water Quality and Quantity Session
Wisconsin Annual Conference of the American Water Resources Association
Green Lake, WI.

Feb 28, 2001 Chair – Water Resources I Session
Annual Conference of Association of American Geographers, NYC, NY

Professional Affiliations

American Water Resources Association
Wisconsin Geographical Society
Midwest Renewable Energy Association

CURRENT RESEARCH/PROJECTS

UWGB Interdisciplinary Lesson Study Grant. Our team is developing a lesson about the rising groundwater levels of the Brown County aquifer now that some communities have switched to Manitowoc water.

Managing editor. Assist guest editor Sandra Fox for January 2010 Water Resources IMPACT issue on GIS and Water Resources

Article. “Navajo-Gallup Pipeline” is research I have been doing for several years now on the ongoing but fruitless quest of Gallup, NM to find a replacement water supply for their near-dry fossil aquifer. The Navajo nation has limited other water supply options for Gallup to force Gallup to support the over \$1 billion Congressional request that would finally give the Navajo’s their long-denied water rights and also supply water to Gallup at the same time.

Preliminary research for Great Lakes book. Beginning to gather data from eight Great Lakes states and two Canadian provinces on their water allocation laws, water quality enforcement, and various land use laws to assess the viability of sustainable Great Lakes water management.