

Erik Edward Nordman, Ph.D.
Assistant Professor of Natural Resources Management
Curriculum Vitae 9 Feb 2009

Contact Information:

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Education:

Ph.D. State University of New York (SUNY) College of
Environmental Science and Forestry at Syracuse, 2006.
M.S. SUNY College of Environmental Science and Forestry at
Syracuse, 1998.
B.S. SUNY College at Geneseo, 1995.

Professional Positions:

August 2006 – present Assistant Professor, Biology Department, Grand Valley State
University, Allendale, MI.
2002 – 2006 Graduate Research Assistant, SUNY College of
Environmental Science and Forestry, Syracuse, NY.
2000 – 2002 Environmental Analyst, NYSTEC, Rome, NY.
1999 – 2000 Tree Improvement Specialist, Indiana Department of
Natural Resources, Vallonia, IN.

Teaching

Courses Taught at GVSU:

BIO 105 Environmental Science
NRM 350 Aerial Photography and Remote Sensing of the
Environment
NRM 395 GIS Applications in Resources Management
NRM 480 Geospatial Analysis of Natural Resources
NRM 495 Trends in Natural Resources Management (Capstone)
NRM 499 Research in Resource Management (with M. Buzzard,
2008)

GVSU Student Scholarship Day

2008: Mentor for 19 presentations

2007: Mentor for 14 presentations

Scholarship

Peer-Reviewed Publications:

Nordman, E. and J. Wagner. (In review). Hedonic models of public open space purchases: Review and case study. *Land Economics*.

Nordman, E. and J. Wagner. (In review). Incorporating acquisition costs in an open space preservation program. *Journal of Forestry*.

Luzadis, V., L. Castello, J. Choi, C. Franco, E. Greenfield, S. Kim, J. Munsell, **E. Nordman**, and F. Olowabi. (In review). The science of ecological economics: A content analysis of *Ecological Economics*, 1989-2004. *The Year in Ecological Economics*.

Kuehn, D., R. Schuster, M. Mink, and **E. Nordman**. (In review). Beliefs and attitudes of four stakeholder groups in the Saranac Lakes area of New York's Adirondack Park. *Adirondack Journal of Environmental Studies*.

Nordman, E., D. Robison, L. Abrahamson, and T. Volk. 2005. Relative resistance of willow and poplar biomass production clones across a continuum of herbivorous insect specialization: Univariate and multivariate approaches. *Forest Ecology and Management* 217: 307-318.

Recent Posters, Proceedings, Outreach, and Technical Publications:

Nordman, E. and M. Buzzard (undergraduate student). 2008. Education as an additional management factor in the Recreation Opportunity Spectrum. Poster presentation at the 2008 Society of American Foresters National Convention 5-9 November 2008, Reno, NV.

Nordman, E. 2008. GIS: An integrating tool for wind turbine siting. Presentation at GIS Day, 19 November 2008, GVSU.

Nordman, E. 2008. Windy Science. Presentation at GVSU Regional Math and Science Center's Fall Science Update, 19 November 2008.

Nordman, E. 2008. Natural resources management students combine science with service. *Interchange*. The newsletter of the GVSU Regional Math and Science Center.

Available online at <http://www.gvsu.edu/rmsc/interchange/index.cfm?id=3FDB2E68-915F-CBD7-3DA0EF0C88297739>, accessed 29 October 2008.

Nordman, E. 2008. Locating wind energy facilities in Michigan's coastal counties. Presentation to the Ottawa County Planning Commission, 30 June 2008.

Nordman, E. 2008. Open space preservation: economic values and priorities. Presentation to the Annis Water Resources Institute Seminar Series, 20 February 2008.

Nordman, E. 2007. Evaluating public open space preservation priorities. In *Proceedings of the Society of American Foresters National Convention*, Portland, Oregon, October 23-27, 2007.

Nordman, E. 2007. Can the market save open space? *MiBiz*, August 6, 2007.

Nordman, E. 2007. Sustainable architecture: Beyond green building. *MiBiz*, June 25, 2007.

Nordman, E. and A. Nikitin. 2007. *Satellite image interpretation case study: Human pre-historic settlement sites in western Ukraine*. Educational module for the annual Conference on Remote Sensing Education, June 25-29, 2007, Auburn, NY. Sponsored by the Institute for the Application of Geospatial Technology.

Nordman, E. 2007. Evaluating public open space preservation priorities. Presentation at the Society of American Foresters National Convention, October 23, 2007, Portland, OR. Presentation at GVSU College of Liberal Arts and Sciences Research Colloquium, September 21, 2007.

Nordman, E. and J. Wagner. 2007. Prioritizing open space purchases using environmental benefit scores and acquisition costs. Presentation at the Michigan Academy of Science, Arts and Letters, March 9, 2007, Big Rapids, MI.

Nordman, E., D. Robison, L. Abrahamson, and T. Volk. 2007. A multivariate approach to characterizing insect resistance in willow and poplar biomass production clones. Presentation at the Michigan Academy of Science, Arts and Letters, March 9, 2007, Big Rapids, MI.

Nordman, E. 2006. *A public hedonic analysis of environmental attributes in an open space preservation program*. Ph.D. dissertation, State University of New York College of Environmental Science and Forestry, Syracuse, NY, 157 p.

Grants and Partnerships:

Michigan Sea Grant. 2008 Locating wind energy facilities in Michigan's coastal counties: An integrated assessment for Muskegon and West Michigan. **Principal Investigator: Erik Nordman.** Co-investigators: Paul Isely, John Koches, Kurt Thompson. Duration: 3 years. External funding: \$139,912. In-kind contributions: \$103,543. Total project budget: \$243,455. Recommended for funding, anticipated start date 1 June 2009.

Pew Faculty Teaching and Learning Center. 2008. Travel grant to present at the 2008 Society of American Foresters National Convention. \$400, funded

GVSU Faculty Research and Development Center. 2008. Scholarly travel grant-in-aid to present at the 2008 Society of American Foresters National Convention. \$500, funded.

Pew Technology Enhancement Grant. 2007. Satellite image interpretation case study: human pre-historic settlement sites in western Ukraine. \$500, funded.

Institute for the Application of Geospatial Technology. 2007. Satellite image interpretation case study: human pre-historic settlement sites in western Ukraine. \$122 cost sharing, funded.

Pew Faculty Teaching and Learning Center. 2007. Travel grant to present at the 2007 Society of American Foresters National Convention. \$400, funded

GVSU Faculty Research and Development Center. 2007. Scholarly travel grant-in-aid to present at the 2007 Society of American Foresters National Convention. \$500, funded.

2007 Student Summer Scholar Program. Enhancing open space land acquisitions by incorporating vulnerability to development: A West Michigan case study. Student collaborator: Tyler Homrich. Not funded.

Steinman, A., E. Sterrett Isely, P. Isely, **E. Nordman**, L. Ogura, K. Thompson. 2008. Economic valuation of public lands and urban greenscapes. Submitted to Green Grand Rapids, 20 March 2008. Not funded.

Scientific and Professional Societies:

Society of American Foresters

American Association for the Advancement of Science

Academic and Public Service:

Service to Unit

Coordinator	Natural Resources Management Program	2008 - present
Chair, Member	Biology Department Curriculum Committee	2007 - present
Representative	Student Visitation Days, recruiting events	2006 - present
Member	Natural Resources Management Committee	2006 - present
Member	Faculty Search Committee, NRM	2006 - 2007

Service to University

Faculty Advisor	GVSU Running Club	2008-present
Faculty Mentor	Visiting Scholar Ksymena Rosiek, Cracow University of Economics	2008
Collaborator	Regional Math and Science Center, various programs	2007 - present
Member	Michigan Higher Education Land Policy Consortium	2006 – present
Member	Storm Water Advisory Group	2006 – present
Member	GIS User's Group	2006 – present
Faculty Mentor	Science Olympiad	2007 – 2008

Service to Professional Community

Reviewer	World Bank's Development Marketplace <i>Journal of Forestry</i> <i>Land Economics</i> <i>Northern Journal of Applied Forestry</i> <i>Forest Science</i> USDA Forest Service	2006 – present
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Recent Service to Local Community

Board member	West Michigan Environmental Action Council (WMEAC)	2008-present
Pro-bono consultant	Van Zoeren Woods project, Zeeland Charter Township	2008-present
Pro-bono consultant (with H. Rueth)	Maplewood Lake Pollution Project Georgetown Township, MI	2007