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ASSISTANT PROFESSOR OF NATURAL RESOURCES MANAGEMENT
GRAND VALLEY STATE UNIVERSITY

DECEMBER 2009

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EDUCATION

Ph.D. State University of New York College of Environmental Science and Forestry at Syracuse (SUNY-ESF), 2006.

M.S. SUNY College of Environmental Science and Forestry at Syracuse, 1998.

B.S. SUNY College at Geneseo, 1995.

PROFESSIONAL POSITIONS

Assistant Professor, Biology Department, Grand Valley State University (GVSU), Allendale, MI, August 2006 – present

GVSU Natural Resources Management Program Coordinator, 2008 - present

Graduate Research Assistant, SUNY-ESF, Syracuse, NY, 2002 – 2006

Environmental Analyst, NYSTEC, Rome, NY, 2000 – 2002

Tree Improvement Specialist, Indiana Department of Natural Resources, Vallonia, IN, 1999 – 2000

SCHOLARSHIP

Nordman, E. and J. Wagner. (In press). Incorporating acquisition costs in forestland open space programs: Lessons from conservation biology and applications. *Journal of Forestry*.

PEER REVIEWED PUBLICATIONS

Luzadis, V., L. Castello, J. Choi, C. Franco, E. Greenfield, S. Kim, J. Munsell, **E. Nordman**, and F. Olowabi. (In press). The science of ecological economics: A content analysis of *Ecological Economics*, 1989-2004. *Ecological Economics Reviews* 2010.

Kuehn, D., R. Schuster, M. Mink, and **E. Nordman**. 2009. Beliefs and attitudes of four stakeholder groups in the Saranac Lakes area of New York's Adirondack Park. *Adirondack Journal of Environmental Studies* 15 (2):25-35.

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.

GRANTS

PI: Pollinator Partnership. 2009. "Evaluating the ecological and economic costs and benefits of incorporating floral resource strips into vegetable production systems." **USDA Natural Resource Conservation Service: \$185,640**. Co-investigators: **E. Nordman** (GVSU), M. Gardiner (Ohio State University). **GVSU share: \$4,414**.

PI: **E. Nordman**. 2008. "Locating wind energy facilities in Michigan's coastal counties: An integrated assessment for Muskegon and West Michigan." **Michigan Sea Grant: \$139,912**. Co-investigators: P. Isely, J. Koches, K. Thompson (GVSU).

PI: **E. Nordman**. 2007. "Satellite image interpretation case study: human pre-historic settlement sites in western Ukraine." Pew Technology Enhancement Grant: \$500, Institute for the Application of Geospatial Technology: \$122. **Total funding: \$622**. Co-investigator: A. Nikitin (GVSU).

**WORKING
PAPERS,
PROCEEDINGS,
OUTREACH, AND
TECHNICAL
PUBLICATIONS**

Nordman, E. 2009. Regional response to a statewide renewable energy standard: Status and trends of wind energy development in West Michigan. Available at www.gvsu.edu/wind.

Nordman, E., and J. Wagner. 2009. Public purchases and private preferences: A hedonic model of open space acquisitions. Working paper, Grand Valley State University, Allendale, MI. 27 p. Available at: http://works.bepress.com/erik_nordman/1/, accessed 19 May 2009.

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-CBD7-3DA0EFOC88297739>, accessed 29 October 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. 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.

**CONFERENCE
AND OUTREACH
PRESENTATIONS**

TEDIndia – TED University. 4 November 2009. Mysore, India.
"Smart+Connected Learning: Building Sustainable Next Generation Learning Environments and Communities" (with T. Burton, G. Donahue, J. Nelson, A. Prosser, V. Raju).

Michigan Public Service Commission, Renewable Energy Program. 29 October 2009. GVSU Michigan Alternative and Renewable Energy Center, Muskegon, MI.
"Status and Trends of Wind Energy Development in West Michigan."

Ottawa County Planning Commission. 26 October 2009. West Olive, MI.
 "Status and Trends of Wind Energy Development in West Michigan."

GVSU GIS Day, 19 November 2008, Grand Valley State University, Allendale, MI.
 "GIS: An integrating tool for wind turbine siting."

GVSU Regional Math and Science Center's Fall Science Update, 19 November 2008,
 Grand Valley State University, Allendale, MI.
 "Windy Science."

Annis Water Resources Institute Seminar Series, 20 February 2008, Muskegon, MI.
 "Open space preservation: Economic values and priorities."

Society of American Foresters National Convention, 23 October 2007, Portland, OR.
 "Evaluating public open space preservation priorities."

GVSU College of Liberal Arts and Sciences Research Colloquium, 21 September 2007.
 "Evaluating public open space preservation priorities."

Michigan Academy of Science, Arts and Letters, 9 March 2007, Big Rapids, MI.
 "Prioritizing open space purchases using environmental benefit scores and
 acquisition costs." (with J. Wagner).

"A multivariate approach to characterizing insect resistance in willow and poplar
 biomass production clones" (with D. Robison, L. Abrahamson, and T. Volk).

**POSTER
 PRESENTATIONS**

West Michigan Undergraduate Science Research Conference. 31 October 2009. Van
 Andel Institute, Grand Rapids, MI.

GVSU Student Scholarship Day. 8 April 2009, Grand Valley State University, Allendale,
 MI
 "Education as an additional management factor in the Recreation Opportunity
 Spectrum" (with M. Buzzard¹).

"Nest site characteristics and reproductive success in Tree Swallows" (with M.
 Bobowski¹ and M. Lombardo).

Michigan Agri-Energy Conference. 30-31 March 2009, Kalamazoo, MI.
 "GIS: An integrating tool for assessing wind turbine potential."

Society of American Foresters National Convention. 5 November 2008, Reno, NV.
 "Education as an additional management factor in the Recreation Opportunity
 Spectrum" (with M. Buzzard¹)

**TEACHING
 EXPERIENCE**

GVSU

BIO 105 Environmental Science	NRM 480 Geospatial Analysis of Natural Resources
NRM 250 Resource Measurements and Maps (Lab)	NRM 495 Trends in Natural Resources Management (Capstone)

¹ Undergraduate student author

NRM 350 Aerial Photography and Remote Sensing of the Environment	NRM 499 Research in Resource Management
NRM 395 GIS Applications in Natural Resources	NRM 580 Climate Change I: The Physical Basis (Graduate seminar)
NRM 399 Readings in Resources Management	NRM 699 Graduate Independent Study (GIS)

SUNY - ESF FOR 307 / 507 Environmental Economics (TA) FOR 296 Environmental Geology

Teaching Fellow, Annual Colloquium on Teaching and Learning (2004, 2005)

ACADEMIC AND PUBLIC SERVICE

Coordinator, Natural Resources Management Program, 2008 - present	Biology Department Curriculum Committee, 2007 – 2008
Chair, Biology Department Curriculum Committee, 2008 – 2009	Faculty Search Committee, NRM, 2006 – 2007

SERVICE TO UNIT

Natural Resources Management Committee, 2006 - present

SERVICE TO UNIVERSITY

Executive Director Search, GVSU Michigan Alternative and Renewable Energy Center, 2009	Storm Water Advisory Group, 2006 – present
Michigan Higher Education Land Policy Consortium, 2006 – present	GIS User’s Group, 2006 – present

SERVICE TO PROFESSIONAL COMMUNITY

Great Lakes Commission, Wind Energy Best Practices Working Group, 2009 - present	Michigan Department of Energy, Labor and Economic Growth’s Wind Working Group, 2009 – present
National Ecosystem Service Partnership, 2009-present	

HONORS, AWARDS AND PROFESSIONAL SOCIETIES

Board member, West Michigan Environmental Action Council, 2008 – present	American Association for the Advancement of Science
GVSU Sustainability Champion, 2009	American Wind Energy Association
Society of American Foresters	Great Lakes Renewable Energy Association