

Francis R. Eanes

Bates College
Environmental Studies Program
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EDUCATION

2016 Ph.D. Environment & Resources, University of Wisconsin-Madison
2012 M.S. Agroecology, University of Wisconsin-Madison
2009 B.A. English; Peace & Conflict Studies (double major), Messiah College (PA)

PROFESSIONAL EXPERIENCE

2017- Visiting Assistant Professor of Environmental Studies, Bates College
2016-2017 Postdoctoral Research Associate, Natural Resource Social Science Lab, Purdue University
2015 Lecturer, Nelson Institute for Environmental Studies, University of Wisconsin-Madison
2014-2016 Teaching Assistant, Nelson Institute for Environmental Studies, University of Wisconsin-Madison
2012-2014 Research Assistant, Sea Grant Institute, University of Wisconsin-Madison
2010-2012 Research Assistant, Agroecology Program, University of Wisconsin-Madison

RESEARCH & TEACHING INTERESTS

Postindustrial and de-industrializing landscapes; urban and regional food systems; human dimensions of natural resources; environmental behavior and decision making; sense of place; participatory, community-engaged research & teaching.

HONORS, AWARDS, & GRANTS (*external funding)

2017	*US EPA – Socioeconomic Evaluation of Agricultural Soil & Water Conservation Incentive Programs	\$750,000	not funded
2016	*Indiana Soybean Alliance – Ag Collaboration grant	\$98,000	not funded
2016	Purdue University AgSEED Innovations grant	\$50,000	not funded
2015	*NOAA Sea Grant – Cultural Ecosystem Services	\$450,000	not funded
2015	UW-Madison Public Humanities Exchange Program	\$1,250	funded
2015	*International Association of Society and Natural Resources Travel Grant	\$250	funded

2009	Scholar-Athlete of the Year Award		awarded
2009	Messiah College Urban Agriculture Research Grant	\$750	funded

PUBLICATIONS

Peer Reviewed Journal Articles

1. **Eanes, F.**, J. Silbernagel, and P. Robinson. (2017). Effects of scale and the biophysical environment on sense of place in northeastern Wisconsin's bioregions. *Human Ecology Review*. 24(2) (*in press*)
2. **Eanes, F.**, A.S. Singh, B.R. Bulla, P. Ranjan, L.S. Prokopy, M. Fales, B. Wickerham, and P.J. Doran. (2017). Midwestern US Farmers Perceive Crop Advisers as Conduits of Information on Agricultural Conservation Practices. *Environmental Management* (*in press*)
3. Sikder, S.K., **F. Eanes**, H.B. Asmelash, S. Kar, and T. Koetter. (2016). The Contribution of Energy Optimized Urban Planning to Efficient Resource Use. *Sustainability*. 8(2), 119; doi: 10.3390/su8020119.
4. **Eanes, F.** and S. J. Ventura. (2015). Vacant land inventory and suitability analysis for community gardening in Madison, WI. *Cities and the Environment*. 8(2), article 2.

Articles in Review

1. **Eanes, F.**, J. Silbernagel, P. Robinson, and D. Hart. Spatial narratives in theory and practice for landscape conservation and public engagement. Submitted to *Conservation and Society*.
2. **Eanes, F.**, J. Silbernagel, D. Hart, P. Robinson, and M. Axler. Participatory mobile- and web-based tools for eliciting landscape knowledge and perspectives: introducing and evaluating the Wisconsin Geotools Project. Submitted to *Journal of Coastal Conservation*.
3. Singh, A.S., **F. Eanes**, and L.S. Prokopy. Assessing conservation adoption criteria using the Analytic Hierarchy Process: case studies from three Midwestern watersheds. Revised and resubmitted to *Society & Natural Resources*.

Articles in Preparation

1. **Eanes, F.** Inventorying vacant and underutilized urban land for community food production: A review and research agenda. Will be submitted to *Landscape & Urban Planning*.
2. **Eanes, F.**, A.S. Singh, B.R. Bulla, P. Ranjan, M. Fales, B. Wickerham, and P.J. Doran. Crop advisers as conservation entrepreneurs: increasing the capacity of Midwestern U.S. farmers to adopt soil and water conservation practices. Submitted to *Land Use Policy*.
3. Singh, A.S., **F. Eanes**, and L.S. Prokopy. Communicating the uncertainty of climate change to a skeptical population: An examination of aleatoric and epistemic uncertainty and attitudes towards adaptation. Will be submitted to *Climate Change Communication*.
4. Ranjan, P. **F. Eanes**, C. Wardropper, L.S. Prokopy et al. Identifying barriers and opportunities to increase conservation on rented agricultural land: evidence from Midwestern farmer and non-operating landowners. Will be submitted to *Society & Natural Resources*.
5. Prokopy, L.S., **F. Eanes**. Factors influencing the adoption of agricultural best

management practices on U.S. farmland: a vote-count analysis of 35 years of research. Will be sub- mitted to *Journal of Soil and Water Conservation*.

Other publications

1. **Eanes, F.**, P. Ranjan, and L.S. Prokopy. (2017). Certified Crop Advisors as conservation partners: Results from a social science investigation in the Saginaw Bay watershed and state of Michigan. Prepared for The Nature Conservancy. (*published internally; available on request*)
2. **Eanes, F.**, B.R. Bulla, P. Ranjan, J. Getson, and L.S. Prokopy. (2016). Saginaw Bay farmers' perspectives on water quality and conservation practices: key findings and recommendations. Prepared for The Nature Conservancy. (*published internally; available onrequest*)
3. **Eanes, F.** (2015). Assessment of community partner satisfaction with community-based learning capstone courses. Prepared for the Nelson Institute for Environmental Studies, University of Wisconsin-Madison. (*published internally; available onrequest*)
4. **Eanes, F.** (2012). Lots to plots: a database of potential community garden sites in Madison, WI. Prepared for the City of Madison Committee on Community Gardens. Webmap and report available online at www.lotstoplots.wordpress.com
5. **Eanes, F.**, and D. Webster. (2010). Messiah College sustainability master plan. (*published internally; available on request*)
6. **Eanes, F.**, and J. Lauer (2009). Sustainability at Messiah: curricular design and justification for a sustainability major at Messiah College. (*published internally; available on request*)

TEACHING EXPERIENCE & PROFESSIONAL DEVELOPMENT

Courses Taught (*as graduate assistant)

2017 (fall) Urban Environments: Resilience and Adaptation
2017 (fall) Community-engaged Research
2016 (spring) *Environment & Religion
2015 (fall) *Introduction to Environmental Studies
2015 (spring) ENV Capstone: Environmental Site History Assessment
2014 (fall) *ENV Capstone: Lead in Community Garden Soils
2014 (spring) *Applications of GIS in Natural Resources

Coursework & Training Workshops (*semester-long course)

2016 Using Team-based Learning in Environmental Studies
2015 *Teaching Internship
2015 *Improv Skills for Teaching & Science Communication
2015 *Teaching Writing Across the Curriculum

- 2014 *Active Learning Techniques in the College Classroom
- 2014 Introduction to Team-based Learning
- 2014 UW-Madison Teaching and Learning Symposium

Conference Panels Organized/Moderated

- 2015 Community-Based Learning Part 1: The challenges of making the community our classroom. Association for Environmental Studies and Sciences. June 26.
- 2015 Community-Based Learning Part 2: Assessing student learning and community impacts. Association for Environmental Studies and Sciences. June 26.

Guest Lectures

- 2016 Social Values in Urban & Regional Food Systems, Messiah College
- 2016 Sense of Place and Environmental Behavior, Messiah College
- 2015 Social Values in Urban & Regional Food Systems, UW-Madison
- 2014 Environmental Learning & Participatory Mapping, UW-Madison

PRESENTATIONS

Invited

1. The role of crop advisers in promoting farmers' adoption of conservation practices: lessons from the Saginaw Bay, MI. Great Lakes Restoration Initiative Priority Watersheds Workshop. June 14, 2017.
2. Influencing farmer adoption of conservation practices: The role of networks. INField Advantage Farmer Network annual meeting.
3. Engaging farmers in soil and water conservation. The Nature Conservancy. Oct 31, 2016.
4. Sustainability on the college campus. Messiah College Convocation. April 17, 2012.

Conference Panels Organized/Moderated

1. Adoption of natural resource conservation practices and pro-environmental behaviors on private lands in rural and urban landscapes. Association for Environmental Studies and Sciences. June 23.

Selected Conference Presentations

1. Communicating the uncertainty of climate change to a skeptical population: An examination of aleatoric and epistemic uncertainty and attitudes towards adaptation. Association of Pacific Coast Geographers. October 25-28, 2017.
2. The role of crop advisers in promoting farmers' adoption of conservation practices. Soil and Water Conservation Society International Annual Conference. July 31-Aug 2, 2017.
3. Broadening the watershed planning network: Leveraging crop advisers in conservation initiatives. Association of Collegiate Schools of Planning. October 12-15, 2017.
4. Understanding barriers to adoption of conservation practices on rented cropland. Soil and Water Conservation Society International Annual Conference. July 31-Aug 2, 2017.
5. Rethinking our boundaries: examining bioregional identities and place attachment as factors influencing environmental behavior in Great Lakes coastal communities.

Association for Environmental Studies and Sciences. June 25-28, 2015.

6. Mobile tools for incorporating community knowledge and values in natural resource decision making. International Symposium on Society and Resource Management. June 13-18, 2015.
7. Mobile tools for incorporating community knowledge and values in natural resource decision making. International Association for Great Lakes Research. May 25-29, 2015.
8. Building a Bioregional Synthesis. Nelson Institute Earth Day Conference. April 17, 2014.
9. Using Mobile Geotools to Foster Effective Citizen Science Monitoring. Geospatial Summit. April 25, 2013.
10. Using Spatial Narrative Geotools to Foster Stewardship in Coastal Communities. Nelson Institute Earth Day Conference. April 16, 2013.
11. Using Mobile Geotools to Foster Effective Citizen Science Monitoring. American Water Resources Association. March 7, 2013.
12. Lots to Plots: Building an Inventory of Vacant Land for Community Gardening in Madison, WI. Geospatial Summit, Madison, WI April 23, 2012.

SERVICE & LEADERSHIP

Undergraduates Students Mentored

2015-2016 Ella Norris
2014-2015 Ethan Heyrman
2014-2015 Brenna O'Halloran
2011-2012 Dustin Berneau

Manuscript Peer Reviewer

Journal of Cities and the Environment
Climate and Development

PROFESSIONAL AFFILIATIONS

Member, Environmental Studies & Sciences Association
Member, International Association for Society & Natural Resources

REFERENCES

Dr. Linda S. Prokopy (postdoctoral adviser) Professor
Department of Forestry and Natural Resources Purdue University
Email: lsprokopy@wisc.edu
Office Phone: (765)-496-2221

Dr. Janet M. Silbernagel (dissertation adviser) Professor and Program Director
Environmental Conservation Professional Masters – Nelson Institute for Environmental
Studies, University of Wisconsin-Madison
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Dr. Anna M. Gade
Vilas Distinguished Achievement Professor Nelson Institute for Environmental Studies
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Soil Sciences and Nelson Institute for Environmental Studies University of Wisconsin-Madison
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