

# Center for Land Use Education

Annual Report  
July 2015 - June 2016



Center for Land Use Education  
College of Natural Resources  
**University of Wisconsin-Stevens Point**

**UW Extension**  
University of Wisconsin-Extension



# Year in Review



**6** staff (5.6 FTE) carrying out the Wisconsin Idea through Outreach, Teaching, and Applied Research



## Outreach

**29** workshops and **6** webinars reaching **1,250** local government officials and staff

Leadership program for **20** new and emerging zoning professionals

Field-based wetland workshops for **20** Extension professionals



Ongoing participation in **44** federal, state, local, campus and Extension committees and service activities



Continuous refinement and distribution of handbooks, factsheets, videos, interactive exercises, and outreach materials:

- **400** Plan Commission and Zoning Board handbooks distributed
- **5,000** shoreland video views



## Teaching

**11** courses

**50** undergraduate students

**3** graduate students

**3** international trips



## Applied Research

**6** peer-reviewed publications

**16** scholarly presentations

**24** active partnerships with federal, state and local governments, non-profits, and research institutions

**7** grants totaling over

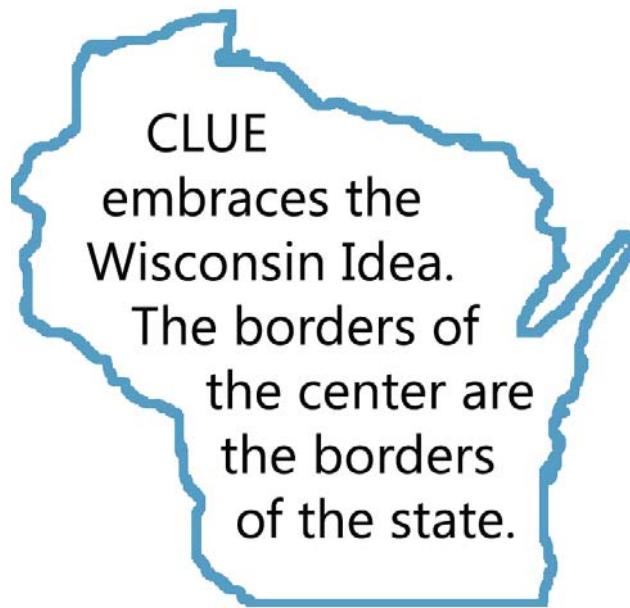


**\$300,000**

## The Center for Land Use Education (CLUE)

is a joint venture of the College of Natural Resources at the University of Wisconsin - Stevens Point and University of Wisconsin-Cooperative Extension (UW-Extension) in collaboration with UW System institutions. It is a focal point for land use planning and management education, and represents the Wisconsin Idea at its best: The borders of the state are truly the border of the center's work.

CLUE was established in 2000 to provide learning opportunities related to land use and related topics. Land use is impacted by a complex, and changing, set of issues that impact how we ultimately use the land. CLUE specialists, with input from our partners, continue to provide up-to-date, comprehensive education to help individuals and communities make well-informed land use decisions that result in a sustainable Wisconsin.



**Mission:** CLUE creates learning opportunities for communities to help them make sound land use decisions resulting in a sustainable Wisconsin.

**Vision:** Individuals and communities make well-informed land use decisions with confidence. Their decisions are legally, ethically, ecologically and economically sound.

# Staff Profiles



**Anna Haines** is the director of the center, a professor and a land use and community development specialist. Haines received her Ph.D. from UW-Madison in the Department of Urban and Regional Planning. Her extension, research and teaching focuses on planning and community development from a natural resources or environmental perspective, which includes comprehensive planning and plan implementation tools, such as zoning, and sustainable communities.



**Karen Blaha** is a project associate. She holds a M.S. in Education from Northern Illinois University. She has a strong interest and is involved in local, sustainable food initiatives. Blaha supports CLUE staff and assists with publications and projects related to land use, sustainability and community food systems.



**Shiba Kar** is an assistant professor and a sustainable energy specialist. Kar earned his Ph.D. in Forest Resources from Pennsylvania State University. He has a strong background and interest in teaching, collaborative research and outreach in energy policy and natural resources sustainability.



**Lynn Markham** is a land use specialist. Markham has a M.S. in Biochemistry from the University of Oregon. Her extension work focuses on land use tools and techniques to protect drinking water, lakes and streams; zoning and boards of adjustment/appeals; and sustainable communities. To assist communities, Markham provides research-based information, policy options and community case studies.



**Rebecca Roberts** is a land use specialist. She has a Master's in Urban Planning from the University of Illinois. Roberts provides training workshops for plan commissions, zoning boards and other local land use officials. She also assists communities with comprehensive planning, public participation, plan implementation and the fiscal impacts of land use decisions.



**Aaron Thompson** is an assistant professor and a specialist. He received a Ph.D. from Purdue University and an M.S. in Natural Resource Planning. His extension, teaching and research focuses on using social data to understand key attitudinal characteristics that motivate agricultural landowners to engage in conservation efforts, to expand the use of spatial analysis techniques to visualize and respond to land use trends, and to identify pathways for improving public participation in the planning process.

# Partnerships

**CLUE partners with local and state government, educational institutions and community groups to meet the needs of communities throughout Wisconsin. This includes, but is not limited to, the following:**

***UW-Stevens Point***

College of Natural Resource

***UW-Extension***

State Specialists and County Educators

Center for Community and Economic Development

Center for Watershed Science and Education

Environmental Resources Center

Local Government Center

Lakes Program

***Other***

Gathering Waters

League of Wisconsin Municipalities

North Central Conservancy Trust

Orton Family Foundation

Ozaukee-Washington Land Trust

U.S. Forest Service Northern Research Station, People and the Environment

UW-Madison Department of Urban and Regional Planning

Wisconsin Chapter of the American Planning Association

Wisconsin County Code Administrators

Wisconsin County Planning Directors

Wisconsin Counties Association

Wisconsin Department of Natural Resources

Wisconsin Towns Association

Wisconsin Wetlands Association

***Grants were obtained from:***

Fund for Lake Michigan

U.S. Department of Agriculture/CSREES McIntire-Stennis

U.S. Environmental Protection Agency

U.S. Forest Service

Sea Grant, Integrating Climate Change Literacy Into Conservation Education

Wisconsin Department of Natural Resources

Wisconsin Environmental Education Board

## The future of planning is cultivated on the UW-Stevens Point campus.

The UW-Stevens Point natural resource planning major in the College of Natural Resources (CNR) prepares students to guide citizens in making community decisions, with a firm understanding of natural resource knowledge and social science skills. This ensures that our future planning professionals will have a firm understanding of land use planning and its emerging challenges.

### Teaching

As a joint venture of UW-Stevens Point and UW-Extension, CLUE faculty and staff regularly participate in teaching activities on campus relating to land use and sustainability in Wisconsin.

Three CLUE faculty – Anna Haines, Aaron Thompson, and Shiba Kar – have partial appointments in the CNR and teach a variety of courses every year, including seven courses for the Natural Resource Planning major, four courses for the Sustainable Energy minor and two courses for graduate students. In addition, graduate students work with faculty on many projects.

Anna Haines was a major advisor for Matt Zangl's thesis work: Uncovering Wetland Governance: A County Level Analysis of Wisconsin Wetland Governance.

### *Internships*

All Natural Resource Planning students are required to complete an internship. Haines oversees the program and monitors student internships. In the summer she visits each student in Wisconsin. The students work at federal, state, county and city agencies. They also work at land trusts and a variety of other organizations.



*Chris Anderson, zoning  
intern for Waupaca  
Planning and Zoning  
Department*



*Rachel Gasper,  
environmental  
management intern for  
Miller Park in Milwaukee*

In 2016, Aaron Thompson earned the Quality of Teaching - Team Award, Wisconsin Extension Environmental & Community Development Association

## ***Service Learning***

Many of the planning courses include service-learning components. Aaron Thompson continues to create opportunities for students studying Natural Resource Planning to engage directly with communities across Wisconsin. This year students completed the development of a Green Infrastructure Plan for the Upper Milwaukee River in West Bend, Wisconsin. The community partnership includes representatives from Ozaukee-Washington Land Trust, Wisconsin Department of Natural Resources, local government representatives, and other non-profit conservation groups. The students' efforts helped identify land conservation targets, as well as work to identify a long-term framework for land conservation along this stretch of the river.

Students in Shiba Kar's *Integrated Natural Resource Management* course were able to contribute to the revision of comprehensive plans for the Village of Plover, City of Wisconsin Rapids and City of Marshfield. Students worked with the communities to develop sustainability plans.

## ***International Studies***

Anna Haines led the College of Natural Resources (CNR) six week European Seminar. 40 students studied and conducted field work in Poland, Germany, and Iceland.

Haines and Nancy Turyk (Center for Watershed Science and Education) traveled to Eleuthera, Bahamas and southern Florida, to explore future student trip opportunities that include areas vulnerable to climate change.

Shiba Kar traveled to Germany and visited University of Bonn and University of Applied Sciences, Cologne to explore potential research and extension collaboration and future student field trips.



***2016 European Seminar Students and Faculty***

## CLUE faculty and staff participate in a variety of scholarship activities beyond their UW-Extension work.

### **Publications**

Anna Haines worked on several manuscripts focused on wetlands, governance and parcelization. Haines also reviewed eight articles for a variety of peer-reviewed journals including but not limited to the Journal of Planning Education and Research, Journal of the Community Development Society, Journal of Environmental Management and Urban Planning. The following report was published:

Haines, Anna and Matt Zangl. 2015. An Examination of Local Ordinances for Wetland Protection. Center for Land Use Education.

Shiba Kar worked on two manuscripts, two articles and served as a reviewer for four peer-reviewed journals and for abstracts submitted to the NACDEP ANREP Annual 2016 Conference. The following peer reviewed articles were published:

Sikder, S.K.; Eanes, F.; Asmelash, H.B.; Kar, S.; Koetter, T. 2016. The Contribution of Energy Optimized Urban Planning to Efficient Resource Use—A Case Study on Residential Settlement Development in Dhaka City, Bangladesh. *Sustainability*, 8(2), 119.

Kar, S.P. and Turyk, N. Applying adaptive and integrated watershed management in changing climate, *LakeLine Magazine, Climate Change II*, Fall 2015 / NALMS, p. 22-25

Aaron Thompson worked on six manuscripts and reviewed articles for the Landscape Journal and the Journal of Agricultural & Human Values. The following articles were published:

Thompson, Aaron, Prokopy, L.S. (2016). The role of sense of place in collaborative planning. *Journal of Sustainability Education*.

Sharp, A.K., Thompson, Aaron. (2016). Collaborative Habitat Management in Agricultural Landscapes: Opportunities and Barriers to Farmer Involvement. *The Passenger Pigeon: Journal of the Wisconsin Society for Ornithology*.

### **Presentations**

Anna Haines, Shiba Kar and Aaron Thompson conducted a total of 16 scholarly presentations locally, regionally and nationally. The following presentations are a sampling of their work:

Haines, Anna. 2016. Land Use Megatrends: Transportation presented at "Today's Trends, Tomorrow's Energy Needs," Wisconsin Public Utility Institute, May 20.

Haines, A. 2016. Simulating Residential Development Policies to Measure Forest Fragmentation, US-International Association for Landscape Ecology, Asheville, North Carolina, April 3-7.

Kar, Shiba. , June 22-26, 2016 "Linkages of Forest Income and Livelihoods of Forest-adjacent People in Bangladesh", Houghton, Michigan, USA.

Kar, S.P. 2016. Diversity and Inclusivity in Natural Resource Classrooms, Biannual Conference on University Education in Natural Resources, Stevens Point, February 25-27

Thompson, Aaron. March 2016. Keynote Speaker. The Evolving Science of Watershed Planning, Addressing the Need to Understand Social Context. Fox River Summit, Celebrating Success & Shared Challenges: Burlington, WI.

Thompson, Aaron. February 2016. Community Capacity & Social Science's Role in Watershed Projects. WDNR Staff Water Resources Statewide Training: Rhinelander, WI.

**CLUE operates within the Community, Natural Resource and Economic Development (CNRED) program within the Cooperative Extension division of UW-Extension.**

As a part of UW-Extension, CLUE daily represents the Wisconsin Idea through our work in communities across the state. CLUE's extension work is organized into three areas: training, publications and applied research.

## Training

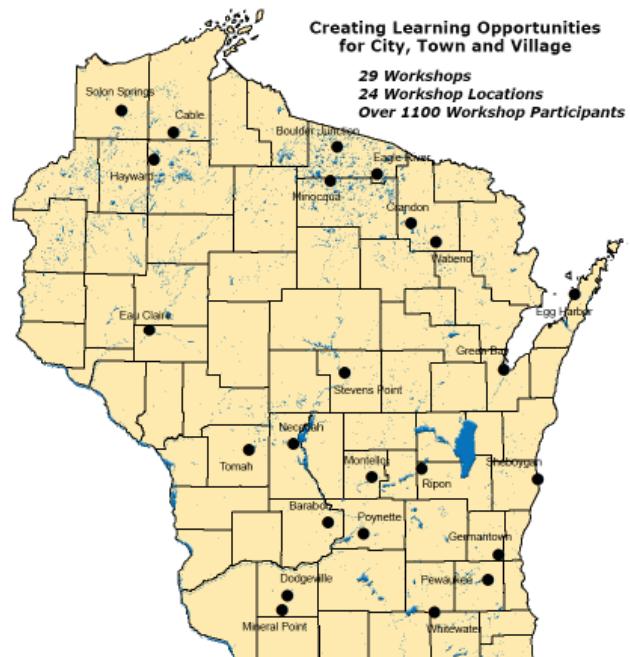
In 2015, CLUE programming focused on planning and zoning, community development, land and water issues, and sustainability.

### *Planning and Zoning*

CLUE provides up-to-date, comprehensive training on planning and zoning that is modified to address specific local needs and interests. CLUE staff also regularly respond to land use questions from planning and zoning staff, past workshop participants, and others throughout the state.

Becky Roberts conducts statewide *Plan Commission* workshops and related education. From July 2015 to June 2016, Roberts provided six plan commission workshops focused on plan commission roles and responsibilities including comprehensive planning, zoning, subdivision regulations, and procedural responsibilities.

Roberts also held nine *Town and Village Officials* workshops with an emphasis on providing tools, resources, processes and examples for communities to update their comprehensive plans. These 15 workshops reached over 850 local officials.

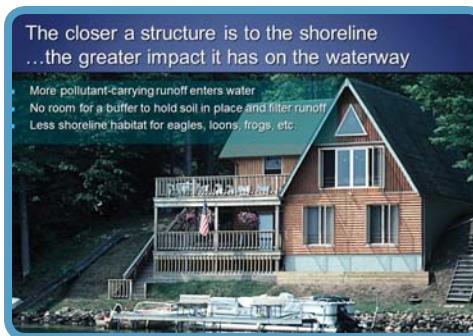


***CLUE's foundation publications include the Plan Commission Handbook (2012) and the Zoning Board Handbook (2006). CLUE provides electronic access to the handbooks free of charge on our website, and distributed more than 400 copies last year.***

Lynn Markham leads the development of *Zoning Board* workshops emphasizing the roles of zoning boards, relevant case law and shoreland zoning. Six *Zoning Board* workshops were held at three locations throughout the state. Markham also conducted two *Zoning Committee* workshops that included presentation, discussion and interactive exercises about the purpose of zoning, land uses conflicts, rezoning and shoreland zoning. Zoning workshops reached approximately 200 participants.

Markham developed a three-part video series on shoreland zoning changes made by the Wisconsin Legislature in 2015-2016.

The *Shoreland Zoning Update* video segments include an introduction to shoreland zoning, changes to shoreland setbacks, vegetation protections, impervious surface standards and changes to shoreline building standards. The videos are distributed through YouTube™ and have been viewed of over 5,000 views.



CLUE also provides planning and zoning training and leadership through partnerships. In 2015, Markham and Roberts partnered with Wisconsin County Code Administrators (WCCA) at their annual conference to conduct a *Zoning Leadership Seminar*. They presented to zoning professionals and led discussions regarding zoning administration, shoreland zoning, land division and subdivision ordinances, variances, and conditional uses.

Anna Haines developed the *Land Use Activity* for individuals who are looking to increase their knowledge about land use planning and zoning. This fun, interactive experience provides participants the opportunity to develop two communities, one unplanned and one planned. Discussion explores the issues and challenges of community growth and change as well as community cooperation and conflict. The activity was used in community presentations, classes and workshops.



*Land Use Activity*

### ***Community Development***

Anna Haines and Rebecca Roberts partnered with the Center for Community and Economic Development, Center for Rural Entrepreneurship, Orton Family Foundation, County Extension Educators and others to plan and facilitate a series of four community development webinars that systematically explored community development models. The series, attended by 40 professionals, provided an overview of community development, an introduction to Community Heart & Soul™, and existing Wisconsin and United States models.

Working in partnership with the UWEX Community Vitality & Placemaking team, Aaron Thompson helped support a three-day community design charrette for the community of Baileys Harbor, Wisconsin. Located on the eastern shore of the Door County Peninsula the UWEX team assisted the community in evaluating alternatives for new residential development, promotion of local sustainability efforts, and urban design responses to downtown revitalization efforts.

## ***Land and Water***

Land use has an impact on Wisconsin waters. A growing segment of CLUE's work helps decision makers understand these connections and make informed decisions.

Lynn Markham continued to educate local officials, staff, and community members about the impact of impervious surfaces, like driveways and patios, on water, fish, wildlife and waterfront property values. Markham also collaborated with Meg Gores (UW-Extension - Madison) and Karen Blaha to reach waterfront property owners in the spring with information about healthy shoreland strategies using CLUE and UW-Extension associated Facebook pages. The two posts reached over 700 people.

This past year, Markham presented shoreland information at the 2016 Wisconsin Lakes Convention; Wisconsin County Code Administrators Conference, Wood County Groundwater Committee meeting; Local Government Center WisLine Webinar; and the Northwest Wisconsin Lake Conference reaching 285 people. She also conducted educational sessions for 5th and 6th grade students that included information about groundwater quality in central Wisconsin and how impervious surfaces affect fish.

Rebecca Roberts partnered with the Wisconsin Wetlands Association and the Environmental Resources Center to conduct a two day training on *Wetlands Communication and Outreach*. Field-based tours covered the headwater, middle, and lower wetland sites in the Mill Creek watershed west of Stevens Point. Guided discussions targeted strategies for communities in to make effective wetlands decisions.



## Sustainability

Over the years, CLUE has been regularly involved in sustainability issues and eco-municipalities. Shiba Kar has consistently focused on sustainability and climate change matters. Kar presented workshops on home energy efficiency, climate change and climate and water adaptation issues and continues to work with local government on sustainable energy strategies.

Lynn Markham continued to share information on pesticides in drinking water and food and their effects on health. She spoke at the Early Childhood Education Conference in Menominee and the Midwest Renewable Energy and Sustainable Living Fair in Custer.

Markham remained engaged in sustainable food issues, delivering a presentation on direct marketing of local food attended mostly by farmer market managers.

Anna Haines continued to co-lead the CNRED Sustainability Team.

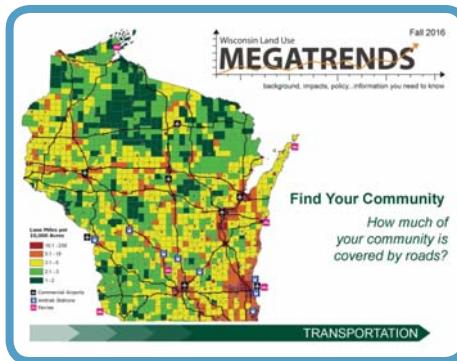
## Publications

CLUE creates a variety of publications annually to reach our audiences.

### *Land Use Megatrends Series*

Each year CLUE releases a new publication in the Land Use Megatrends series.

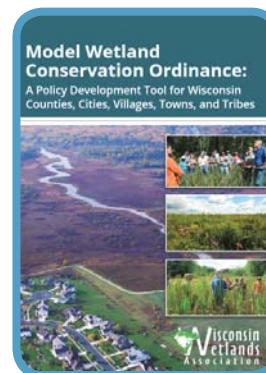
Using maps, data and images, the series highlights emerging policies and trends impacting land use in Wisconsin. Haines, Roberts, Markham, Blaha and Nathan Sandwick (UW-Extension), collaborated to produce the *Land Use Megatrends: Transportation* publication targeted for Fall 2016 release. Topics include how people and goods move throughout the state, social aspects, land use policy, economics, human and environmental health, and emerging trends.



Previous publications in the Land Use Megatrends series have addressed housing, water, energy, agriculture, climate change, recreation, and forests.

## Wetlands

Rebecca Roberts worked with the Wisconsin Wetlands Association serving on the Land Use and Wetlands Advisory Team. Roberts provided input, content suggestions, and dissemination of the *Model Wetland Conservation Ordinance*, intended to help counties, cities, villages, towns, and tribes protect and restore wetlands to meet local needs.



## *Shoreland*

Markham published the 8th annual article, *Keeping Lakes in the Family: Children's Books Help Us Share the Magic of Lakes*, UW-Extension Lakes, Fall 2015 *Lake Tides* newsletter. The article recommends children's books about things fish need.

## *Sustainability*

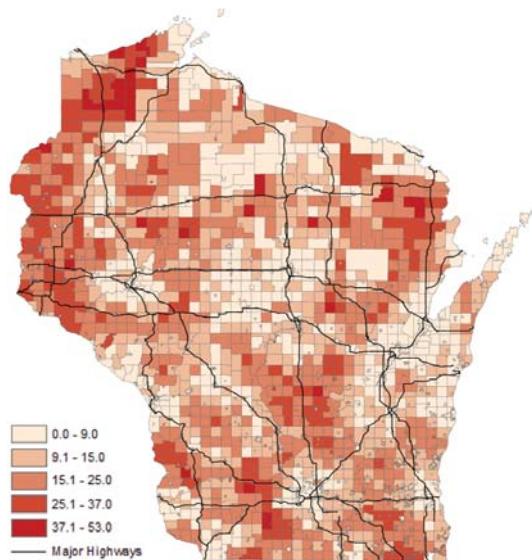
Lynn Markham regularly posts articles about community sustainability to the Central Wisconsin Sustainability Blog which has over 200 readers per month. Markham and Karen Blaha collaborate to deliver a bi-monthly sustainability newsletter that highlights current topics including pesticides, local food, energy and climate change issues.

## **Applied Research**

The role of research is critically embedded in the Wisconsin Idea. CLUE conducts research focused on planning and zoning issues, and offers mapping and spatial analytic services.

### *GIS Research*

Mapping is a powerful way of illustrating land use issues. CLUE student staff create maps that tell the story of land use as it relates to a variety of topics. Justin Johnson and Brewster Johnson, Land Use Planning majors, created several GIS based maps related to transportation in Wisconsin. The maps include data on how people and goods move across the state, road miles, road spending and alternative fueling stations.



*Commuting More than 45 Minutes to Work from Transportation Megatrends*

### *Conservation Planning*

In Fall 2015, Aaron Thompson was invited to participate as a research expert as part of the "Analyzing and Designing Change Strategies for the Future of Grassland Birds" seminar co-hosted by the University of Minnesota and the United States Fish & Wildlife Service. Aaron presented the results of a multi-year study examining factors influencing the success of collaborative planning efforts to protect grassland habitat in Central Wisconsin. Additionally, Aaron began working with graduate research assistant Becky Wadleigh on a project designed to explore how strategic conservation planning can inform forest adaptation strategies in northern Wisconsin. This project is intended to inform local planning efforts by providing critical spatial and social information to support strategic conservation planning efforts.

## Sustainability

Shiba Kar and graduate student, Jacob Slattery, are conducting research to examine the factors that influence adoption dynamics of solar photovoltaic (PV) renewable energy technology by Wisconsin's business sector including barriers and challenges. This past year, Jacob developed and sent an online survey to target individual corporate members of two salient energy transition programs and one renewable energy organization - Green Tier, Green Masters, and RENEW Wisconsin. Data collected over the course of this study will help generate a more transparent community of information central to renewable energy technology diffusion and innovation and help policy makers to tailor smarter interventions making adoption of solar PV easier for corporate sector energy consumers.

## Land and Water

Land and water planning and management relies on applied research, and CLUE conducts policy review, mapping and analysis, and social science research to assist decision-making in these activities.

Anna Haines and graduate student, Emily Usher, are conducting research in the Chequamegon-Nicolet National Forest to assess visitor, nearby landowner, and regional resident values and perceptions before and after restoration activities occur as parts of it are restored from forest cover to the open conditions of the historic pine barrens. This research will provide valuable information to the United States Forest Service (USFS) managers and contribute to the literature regarding impacts of landscape restoration on human communities. This past year, Emily completed the landowner survey.

Under an EPA grant with the Wisconsin Wetlands Association, Anna Haines and graduate student, Matt Zangl, completed an inventory of wetland policies in all 72 Wisconsin counties. The results and case study research were published in, *An Examination of Local Ordinances for Wetland Protection*. Zangl's thesis, *Uncovering Wetland Governance: A County Level Analysis of Wisconsin's Wetland Governance*, starts to uncover the complex system of wetland governance and policy making in Wisconsin.



*Research at the  
Chequamegon-Nicolet  
National Forest*

# uw-Extension Outreach

Aaron Thompson provided support to multiple watershed and lake planning efforts in 2015-2016 by providing social science research to inform local efforts in the Eau Claire River, Lower Fox River, and Big Eau Pleine River watersheds. He also provided support to lake planning efforts in Saint Croix County, Adams County, and Columbia County. This year through an expanded partnership with UWEX Lakes, Aaron provided trainings at the Lakes Convention, attracting more than 65 participants, and as part of the biannual Lake Leaders Seminar focused on stakeholder identification, community capacity assessment, and building consensus-driven implementation networks.

## *Eau Claire River Watershed Social Science Assessment*

**Headwaters of the North Fork**

**Eau Claire River Farmer Survey**

**CONSERVATION PRACTICES**

We'd like to know more about your experience with conservation practices that have potential to improve water quality in your area. The practices presented below are appropriate for different parts of a farm property and have been organized into the 3 groups shown in the diagram.

**INTERMEDIATE USE AREA**

**PRODUCTION AREA**

**EXPERIMENTAL AREA**

We're asking for your help! A survey is underway to gather information from farmers across the land - agricultural producers and non-farmers alike. Please contact University of Wisconsin Extension or UW-Extension P to contribute to this effort by completing the survey.

How can new results will be used? Results from the Eau Claire River Farmer Survey will be used to determine what information and education will be developed for farmers.

We do not anticipate any personal information about your name or address being collected. Your name is 1717 34th Street, Room 100, Building 100B, Stevens Point.

While your participation is voluntary, the survey is anonymous. Your responses will not be used to identify you.

Thank you for your time and effort!

**COVER CROPS** are plants that are sown in a field alongside the commercial crop to reduce soil erosion and increase soil health.

**GRASS WATERWAYS** are narrow, graded paths or drainage ditches built to prevent runoff damage from heavy rain.

Please check the box that best describes your level of agreement or disagreement with the following statements based on your view of the conservation practices for Production areas.

Agree Disagree

1. I believe these practices (cover crops or grass waterways) on my property is likely to reduce soil losses or other undesirable water quality problems in nearby waterways.

2. I have the skills and knowledge necessary to install or maintain these practices on my property.

3. I lack the funding to install or maintain these practices.

4. I'm interested in trying out or expanding the use of these practices on my farm.

# Service

**Service is an expectation of UW-Stevens Point and UW-Extension, and allows staff to share expertise and participate in governance activities. The role of service for CLUE staff is a significant duty in terms of effort and time.**

## ***UW-Extension***

- Climate Change Task Force (Kar)
- Land Use and Wetlands Training Team (Haines; Roberts)
- Sustainability Team (Haines, chair; Markham)
- System-wide Extension Council (Haines)

## ***College of Natural Resources***

- Academic Advising, approximately 20 students per faculty member (Haines, Thompson, Kar)
- College of Natural Resources Graduate Committee (Thompson)
- CNR Internship Committee (Haines)
- CNR International Programs Committee (Haines)
- Diversity in Natural Resources Speaker Series (Kar, organizer)
- Graduate Council (Thompson, HDNRM representative)
- Land Conservation Society (Thompson, faculty advisor; Roberts, presenter)
- Natural Resources Communication and Planning Faculty Search Committee (Thompson)
- Student Research Symposium (Kar, Committee member; Markham, judge)
- Wisconsin Center for Environmental Education Director Search (Haines, chair)

## ***UW-Stevens Point***

- Commencement Student Speaker Selection Committee (Kar)
- Division Street Committee (Haines)
- Internal Review Board (IRB) Committee (Haines)
- Selection Committee for Annual Distinguished Alumnus (Markham)
- Student Government Association Green Fund (Kar, steering committee)
- Students for Sustainability (Thompson, faculty advisor)
- Sustainability Committee (Haines)

## ***Federal***

eXtension Land Use Planning Community of Practice (Haines, board of directors; Roberts)

## ***State and National***

American Planning Association (APA) - Wisconsin Chapter (Roberts, board)

APA-Minnesota Chapter Awards, (Roberts, reviewer)

Department of Natural Resources Shoreland Team (Markham)

Journal of Planning, Research and Education (Haines, editorial board)

Michigan Land Use Team Meeting (Haines; Roberts)

Resilient Small Downtowns Research with University of Illinois, Champaign (Haines)

Wisconsin County Planning Directors, Strategic Planning Process (Roberts)

Wisconsin Initiative on Climate Change Impacts (Haines, science advisory board member)

Wisconsin Wetlands Association, Land Use and Wetlands Advisory Group (Roberts)

Wisconsin Coastal Management Program (Roberts, grant reviewer)

Wisconsin Water Thinkers Network (Thompson, leadership team)

Wisconsin Working Lands Committee of Lands + Water Project (Haines)

## ***Community***

Central Rivers Farmshed Local Food School Fundraiser (Markham)

City of Stevens Point Plan Commission (Haines)

Green Team at Frame Presbyterian Church (Markham)

Jensen Center/Amherst Youth Soccer (Roberts)

McKinley Center Elementary School, Junior Achievement Program (Kar)

North Central Conservancy Trust (Thompson, President )

Shama, Inc. (Kar)

Stevens Point Area League of Women Voters (Markham)

# Notes

The Center for Land Use Education annual report includes activities from July 2015 through June 2016. This report is available on the CLUE website on the About Us page: [www.uwsp.edu/cnr-ap/clue/pages/about.aspx](http://www.uwsp.edu/cnr-ap/clue/pages/about.aspx). Front cover photos are courtesy of (left to right) to CLUE, Wisconsin Farm Bureau Federation, and CLUE. Back cover photos are courtesy of (left to right) CLUE, KT Element, and CLUE.

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**Center for Land Use Education**  
University of Wisconsin-Stevens Point  
800 Reserve Street  
Stevens Point, WI 54481  
[www.uwsp.edu/cnr-ap/clue](http://www.uwsp.edu/cnr-ap/clue)  
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