Subject:	Great Lakes Regional Training Initiative - Webinar Announcement - Feb 24, 3 p.m. ET - Engaging Great Lakes Communities to Develop Tipping Point Watershed Action Plans

This webinar is the first in a series of training webinars being brought to you by the EDA University Centers in the Great Lakes region. There is no registration fee. Details about the webinar are below.

Tipping Points and Indicators:

Engaging Great Lakes Communities to Develop Tipping Point Action Plans
http://tippingpointplanner.org/

Tipping Points and Indicators is a complete decision-making support system for watershed planning groups.
Develop sustainable, watershed-specific land use strategies, Protect natural resources, Enhance local economies, Learn
about cutting-edge interactive maps and hear about tools available to encourage community participation.

Tuesday, February 24, 2015
3:00 – 4:00 pm | *Eastern Standard Time*

Click to Join WebEx Meeting
Or go to: purdue.webex.com
Meeting number: **649 527 769**
Meeting password: **tippingpoints**

Add this meeting to your calendar. Can't join the meeting? Contact support.

About Tipping Points

Tipping Points and Indicators is a new research and extension program for Great Lakes communities comprised of a web-based, data driven decision support system (DSS) and facilitated community visioning and action planning process. The program is designed to enable effective protection and management of natural resources throughout Great Lakes states by providing land use planners, natural resources managers, and stakeholder groups with a process to assess community sustainability using Great Lakes tipping points.

Research team members identified land use indicator variables that determine the threshold, or tipping points, that when exceeded can impact aquatic ecosystems. Great Lakes Sea Grant Network Extension Specialists developed the associated website and facilitation process that guide community groups through an interactive watershed action planning process. The Tipping Points and Indicators process utilizes touch screen monitors as public participation tools to enable community groups to collaborate and explore the website, customized tools, and GIS maps to determine planning priorities linked to community values. The facilitation process results in an action plan that includes an overview of the current community status, whether the community is nearing or exceeding Great Lakes tipping points, and provides customized education strategies, example policies, and sample ordinances to improve current conditions. This presentation will include a program overview and demonstrate the five decision support system modules that result in a community action plan.

About the Speaker(s)

Brandon Beatty is a designer, web developer, entrepreneur, and general technology nerd. In almost a decade of experience, he has been a part of start-up companies, worked on projects across the country, and played an integral role on several teams at Purdue University.

Jarrod Doucette has been a GIS and Database Specialist with Purdue University for six years. He has experience in GIS, web based Decision Support Systems, High Performance Computing, and Data Management. He is the technical team lead for the Tipping Points and Indicators DSS.

Dr. Brian Miller is a Natural Resource Social Scientist and Wildlife Biologist. He is the Director of the Illinois-Indiana Sea Grant College Program and the Illinois Water Resources Center. His research focuses on factors influencing natural resource planning and decision making. He has developed, led, or been involved in many land use engagement programs and online DSS projects including Planning with POWER, Local Decision Maker, TippingPointPlanner.org , and GreatLakesMonitoring.org. He is the National Co-Chair of Sea Grant's Sustainable Coastal Development Focus team and a member of NOAA's Great Lakes Regional Collaboration Team. He is experienced in facilitating community land use discussions and currently serves as the facilitator for the development of the Illinois Nutrient Reduction Strategy to reduce nutrient inputs resulting in Gulf Hypoxia.

Dr. Bryan Pijanowski specializes in spatial modeling and analysis of land use/cover change. Grounded in the theoretical framework of complex socio-ecological systems, his research employs advanced technologies and methodologies from a wide array of disciplines. Many of his models are used to forecast and backcast land use/cover change patterns which are then linked to other ecological and economic models. Research has been funded by the National Science Foundation, EPA Science to Achieve Results (STAR) program, NASA and various foundations (e.g., Kellogg Foundation, Great Lakes Fisheries Trust, Purdue Research Foundation). Dr. Pijanowski is interested in how results of simulations of the future can be used to achieve a more sustainable society.

Kara Salazar is the Sustainable Communities Extension Specialist for Illinois-Indiana Sea Grant and Purdue Extension housed in the Department of Forestry and Natural Resources at Purdue University. In this position, Kara serves as a link between communities and scientists conducting research on sustainability. She develops programs and tools that transfer new technologies and discoveries to communities that can apply this work to enhance local efforts. She works with multidisciplinary teams throughout Purdue University, Extension, and the Sea Grant college network to develop programs and tools that engage decision makers in evaluating, prioritizing, and implementing sustainability strategies for their communities. Kara leads the outreach team for Tipping Points and Indicators.

For more information about Tipping Points, contact:

Kara A. Salazar
Sustainable Communities Extension Specialist
Illinois-Indiana Sea Grant
Department of Forestry and Natural Resources
Purdue University
Phone: 765.496.1070
salazark@purdue.edu

For more information about the Great Lakes Regional Training Initiative, contact:

Peggy Hosea
phosea@purdue.edu