

Track A**A1. Motivating Pro-conservation Behavior Toward Threatened and Endangered Species**

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Despite the widespread use of so-called "poster organisms" in conservation, no published studies have examined empirically the characteristics of species that are likely to inspire pro-conservation behavior in people. Psychologists have studied extensively the features of strangers that inspire empathy and compassion in other people, and some of these are characteristics found in other species. We are planning a series of studies to determine how the features of species are perceived in terms of similarity and nurturance, two factors known to affect pro-social behavior toward strangers. We want feedback from conservation professionals regarding their experience and/or thoughts on the marketing of conservation efforts, especially as they relate to the use of poster organisms.

A2. All From One Tree - A SLOYD Education at Hands On Deck

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Hands On Deck uses a single tree or even a section of a tree to discuss woodcraft and problem solving, science, math, and conservation. We have discovered that almost every 8 year old is capable of understanding a deeper dive into the science of trees, and how the science and math relates to using your hands to craft useful items around the home.

Track B**B1. Sustainability in Park Management for the City of Green Bay**

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Sustainable parkland creates diverse and resilient communities. What practices and resources can be utilized to achieve sustainable parkland? We will explore current maintenance practices and the importance of the preservation and development of biodiversity in parkland. How can this work be achieved with limited resources?

B2. Landowner Cooperatives: Using Wisconsin's Deer Management Assistance Program to Connect Landowners and Natural Resource Professionals

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Golden Sands RC&D has worked to bring together 90 private landowners in 10 different cooperatives across Central Wisconsin to form Deer Management Assistance Program (DMAP) cooperatives. Landowners within these cooperatives interact with their neighbors and with natural resource professionals to learn how they can enhance habitat. This table will discuss what opportunities there are in the Green Bay area to develop similar cooperative groups.

Track C**C1. Impacts of Land Use Change on Peak Flow Rates in the Lower Fox River Basin**

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We will review the study conducted by the Outagamie County Land Conservation Department in concert with the Wi-DNR AOC Program to evaluate the impacts of land use change on the hydrologic

condition of the Lower Fox River Basin. The results include: millions of gallons of water storage needed to mimic pre-settlement conditions, estimated acres of land needed to store this water, anticipated reductions in peak discharge, nutrients, and sediment in each HUC-12 of the Lower Fox River, and cost to implement. The café will share information and discuss strategies of implementation and the multiple benefits implementation may have on water quality, flood reduction and permanency on the landscape.

C2. Transitioning Science to Management: Developing Models and Tools to Restore the Health of Green Bay Ecosystem

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This collaborative effort seeks to build on previous work to link climate, land use, and hydrodynamic modeling to water quality impacts in Green Bay. Updates to agricultural land use scenarios are needed to reflect current practices and progress in order to better inform sediment and nutrient delivery estimates to Green Bay. In addition, a more advanced user interface is being developed to assist decision makers and others as they develop policies and decisions that may affect water quality. We hope to provide a brief overview of this phase of the project and gather input on agricultural land use practices to be used in model development. Additionally, feedback on a decision support interface is sought to assist developers in building a useful tool.

Track D

D1. Adaptive Management of Phragmites in Northeastern Wisconsin

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Dense stands of *Phragmites* negatively affect ecological function and habitat value of wetlands, impair the recreational use of wetlands and shorelines, decrease property values, and increase fire risk. UW Green Bay is working to increase scientific understanding of *Phragmites australis* population control and, in collaboration with the *Phragmites* Adaptive Management Framework, promote an adaptive management approach to the restoration of *Phragmites*-invaded wetlands in northeast Wisconsin. An interactive story map providing downloadable spatial and tabular data on *Phragmites* treatment has been developed to share information on past treatment, as well as monitoring for treatment efficacy. The story map includes a description and results of both a field and aerial imagery monitoring protocol developed and implemented to assess *Phragmites* treatment success. This café will present an introduction to the treatment and monitoring tabs of the story map.

D2. Ditch the Paper! How to use Collector for ArcGIS Online to Simplify your Field Work

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Learn about ArcGIS Online and Collector for ArcGIS, an online paperless survey tool that can be administered on smartphones or tablets. Our stream inventory fieldwork will be used to demonstrate its capability to make ready-made maps and utilize GIS and phones to collect data instead of using paper. We will also illustrate how the data were automatically populated in ArcGIS Online in ready-made maps for immediate use.