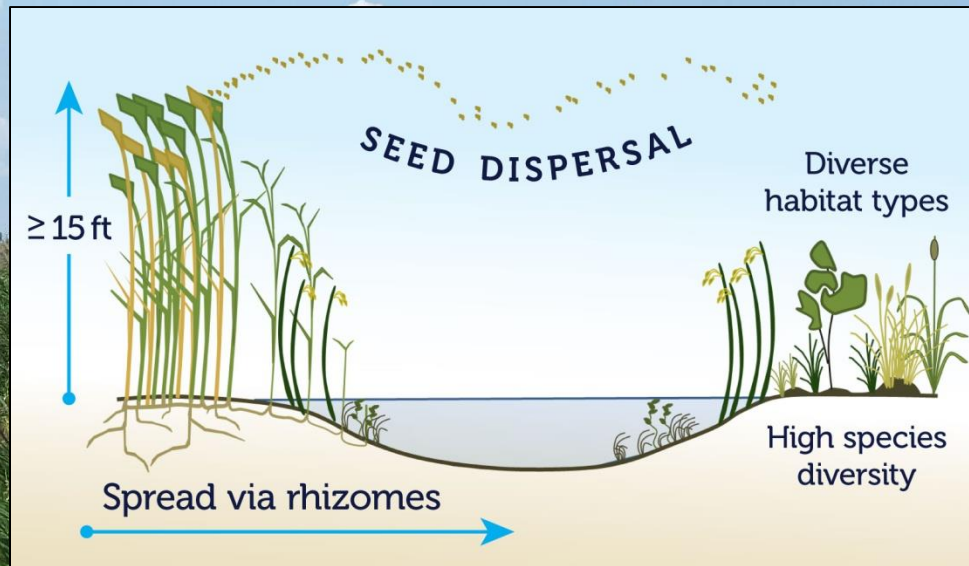


# Great Lakes *Phragmites* Collaborative

## Great Lakes Aquatic Invasive Species Forum

November 9, 2017  
Ann Arbor, MI

# Non-Native *Phragmites*: a regional issue



# Impacts

- Reduces biodiversity
- Impacts habitat for SAR
- Alters hydrology
- Changes light levels reaching
- Impacts infrastructure/a
- Threatens safety
- Expensive to manage
- Must be managed long-term





A partnership to link people, information, and action

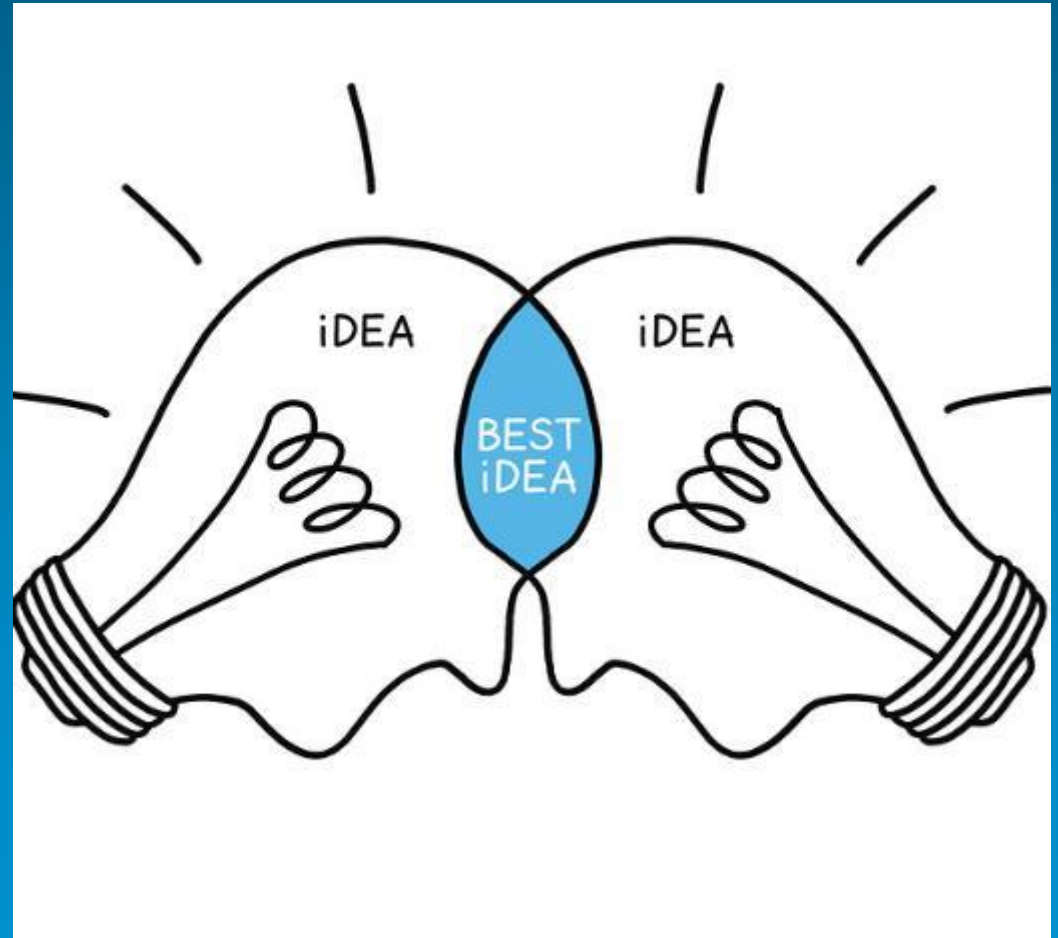
# Purpose of the GLPC

Facilitate communication and collaboration to inform research and lead to more effective and efficient management of non-native *Phragmites* in the Great Lakes region.



# Collaborative Approach

- Build community
- Develop tools and resources
- Support decision making
- Drive positive change



# Collective Impact

- Common Agenda
- Shared Measures
- Mutually Reinforcing Activities
- Continuous Communication
- Backbone support



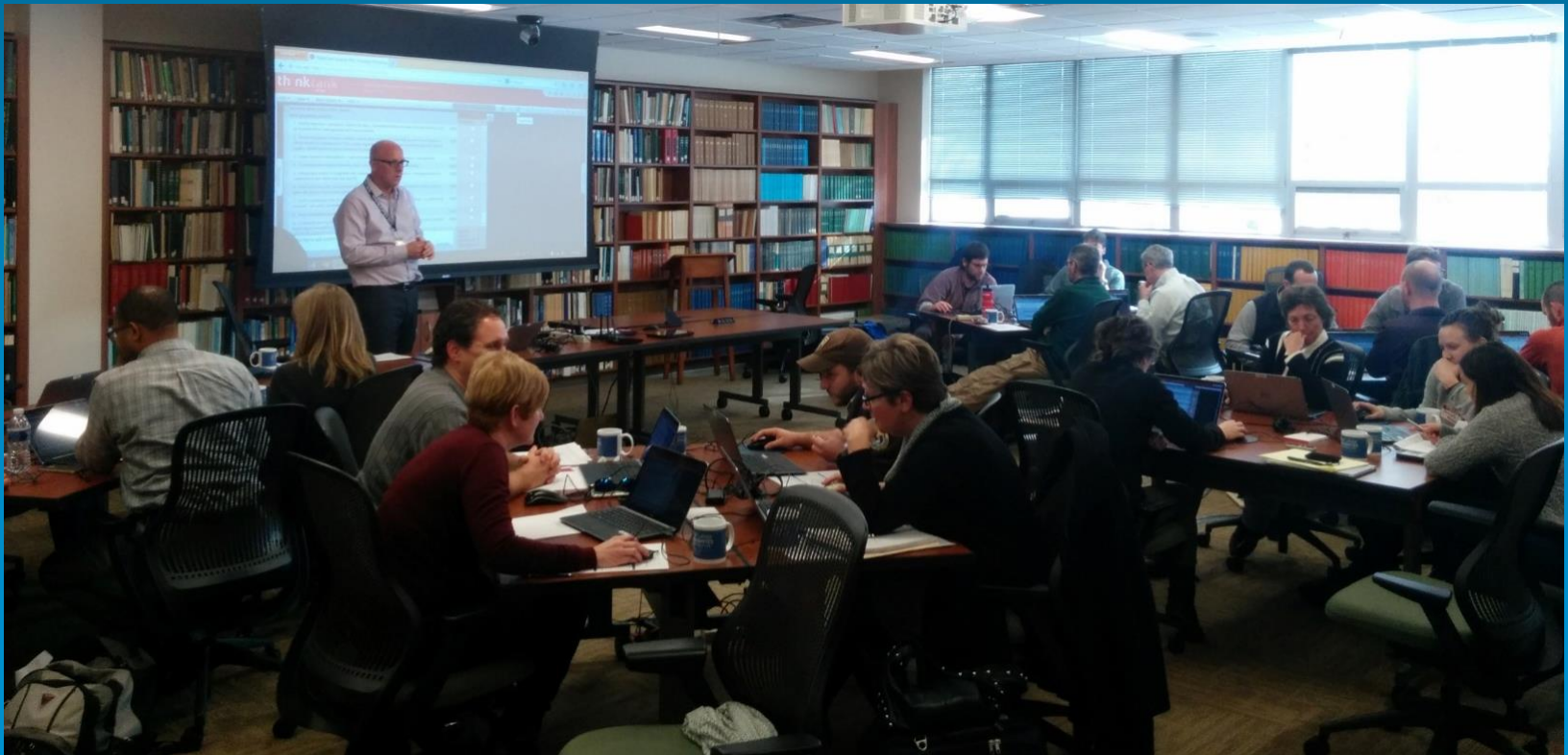
# Where are we now?





# Common Agenda

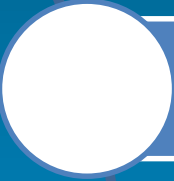
- Facilitated workshop in February 2017
- Established objectives and workgroups



# Objectives



**Funding** that is stable, long-term, and diversified



**Data Collaboration:** a coordinated effort to integrate monitoring data, mapping and research



**Containment:** stopping the spread and promoting diverse, resilient native plant communities



**Adaptive Management:** ongoing research and evaluation to develop tools and best management practices



**Watershed-scale approach:** management is integrated with watershed-scale planning for protection and restoration

# Communication and Outreach

- Listserv: 745
- Newsletter: 575
- Facebook: 480
- Twitter: 1,030
- Website: 6,400
- Webinar Series



# Research Webinar Series

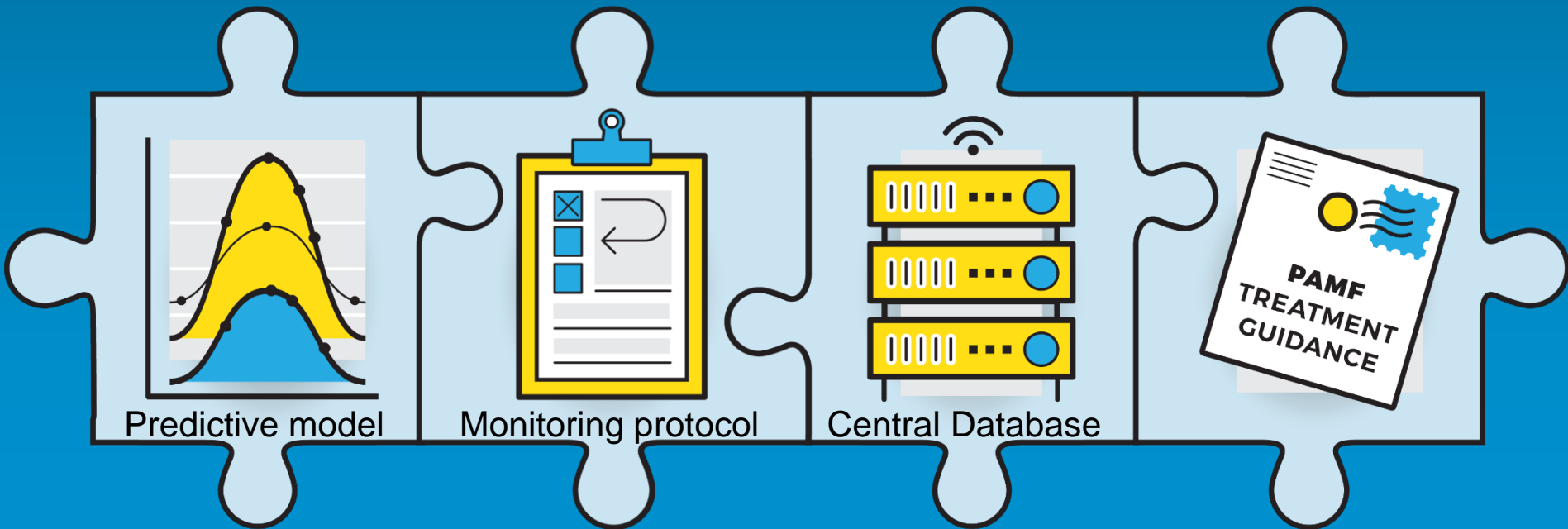
- November 15: Phragmites removal increases property values in Michigan's Lower Grand River watershed, Dr. Erik Nordman. Grand Valley State University and Shaun Howard, TNC
- December 6: Ecological effects of invasive Phragmites in Lake Erie. Courtney Robichaud, University of Waterloo
- January 14: Mapping of Roadside *Phragmites* in southern Ontario. James Marcaccio and Dr. Pat Chow-Fraser, McMaster University
- March 17: Seed-based revegetation following Phragmites control. Emily Martin and Dr. Karin Kettenring, Utah State University

# Shared Measures and Mutually Reinforcing Activities



*Phragmites Adaptive  
Management Framework*

[www.greatlakesphragmites.net/pamf](http://www.greatlakesphragmites.net/pamf)



# Potential UM Masters Project

Evaluating the economic impacts of *Phragmites* in the Great Lakes, including impacts to ecosystem services

- Kurt Kowalski, USGS
- Brad Cardinale, UM-School of Environment and Sustainability



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