

# Shoreline and Shallows: Impacts of Waves and Lake Levels on Shorelines

Thursday, March 7, 2019  
Kellogg Center, Lincoln Room  
Time: 9:30am – 3:45pm

## ***Tentative Agenda***

- 9:00 Coffee and Exhibits
- 9:30 Introduction – Julia Kirkwood, Water Resources Division, Michigan Department of Environmental Quality
- 9:45 Designing for Higher Energy Systems– Brian Majka, Restoration Ecologist, GEI Consultants of Michigan, P.C.
- 10:30 Wave Energy Research and Applications - Edward Verhamme, Environmental Engineer, LimnoTech, Ann Arbor
- 11:30 Muskegon Lake Shoreline – Lessons Learned - Kathy Evans, Program Manager, West Michigan Shoreline Regional Development Commission, Muskegon
- 12:15 Luncheon – Red Cedar Room A&B
- 1:15 Pop/Coffee and Exhibits
- 1:30 Engineering with Nature on the Great Lakes– Candice Piercy and Brook Herman, Army Corps of Engineers, Vicksburg, MS
- 2:15 Health of Shorelines and Effects on Fisheries – Joe Nohner, Inland Lakes Habitat Analyst & Midwest Glacial Lakes Partnership Coordinator, Fisheries Division, Michigan Department of Natural Resources
- 3:00 Ecological impacts of winter water level drawdowns on lake littoral zones – Jason Carmignani, PhD Candidate, Massachusetts Cooperative Fish and Wildlife Research Unit, Department of Environmental Conservation, University of Massachusetts-Amherst
- 3:45 Adjourn

Sponsors: The Michigan Natural Shoreline Partnership with the Institute of Water Research, Michigan State University, the Michigan Department of Environmental Quality, the Michigan Department of Natural Resources, and MSU Extension.

Contributors: GEI Consultants, Michigan Chapter, North American Lake Management Society, Wildtype, Michigan Wildflower Farm, and Kieser & Associates, Native Landscapes, Natural Community Services, LLC.