



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

Thursday, March 7, 2019  
Kellogg Center, Lincoln Room

### **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., Allendale
- 10:30 Wave Energy Research and Applications - Daniel Rucinski, Environmental Engineer and Brendan Cousino, Civil/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, Massachusetts Cooperative Fish and Wildlife Research Unit, Department of Environmental Conservation, University of Massachusetts-Amherst
- 3:45 Adjourn

*Sponsors:* The Michigan Natural Shoreline Partnership (MNSP) 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, Michigan Lake Stewardship Associations, Wildtype, Michigan Wildflower Farm, Kieser & Associates, Native Landscapes, and Natural Community Services



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