Shoreline & Shallows Conference

*Impacts of Waves & Lakes Levels on Shorelines*

**MICHIGAN NATURAL SHORELINE PARTNERSHIP**
Promoting Natural Shoreline Landscaping to Protect Michigan’s Inland Lakes

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Shoreline & Shallows 2019
Planning Team

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• Brian Majka, GEI Consultants
• Karen Boase, Coastal Zone Management Program, OGL
• Erick Elgin, MSU Extension

Support

• Stephanie Smith, Registration, Institute of Water Research, Michigan State University
Housekeeping Tidbits

Lunch Location Change:
Big 10 B

Please... TURN OFF YOUR CELL PHONE

MDARD CEUs
MISSION: PROTECTING MICHIGAN LAKES THROUGH THE CONSERVATION AND RESTORATION OF NATURAL SHORELINES

2018 = 10 years!
Near Shore Habitat Loss

#1 Threat to inland lakes

Lakes with POOR Nearshore habitat

50%

Lakes with Poor nutrients & turbidity

10%

2012 National and Michigan Lake Assessment
Four Objectives

- Healthier Shorelines
- Techniques that work
- Informed Contractors
- Interested Property Owners
- Policy Changes

Healthier Shorelines: Objectives, Contractors, Informed, Interested, Policy Changes
Proudly Presents the Michigan Certified Natural Shoreline Professional (MCNSP) Training and Certification Program

For Landscape, Marine, and Natural Resource Professionals

Benefits of Becoming a MCNSP
- Identifies you as a professional trained in “Green” Shoreline Landscape and Construction Methods
- Listed as Preferred Certified Contractor on our web site
- In-depth training on construction technology and DEQ permit process

For Registration info contact:
Amy Frankmann
800-879-6652

Or Go to our web site:
www.michiganlakes.net/MCOE/Info/Managment/ShorelineDevelopment.aspx
Are You a Shoreland Steward?

www.mishorelandstewards.org
Available Online Soon!
4 New Video Animations
Wave Flanking
Plants and Wave Energy

Wave energy is buffered by aquatic plants.
On the Horizon...
Bioengineering Solutions Continuum Project

Natural Shoreline Erosion Control Continuum

- No-nonsense (allow native shoreline plants to restore root structure)
- Plantings to restore root structure
- Plantings with wave-breaks
- Bioengineered erosion control technique(s)
- Bioengineering with light riprap
- Vegetated new or existing riprap

Plantings: aquatic, wetland and/or upland.

Increasing erosion problems and/or energy potential
“Pretty Shorelines” Project

NATIVE PLANTS | COIR LOGS | BIOENGINEERING | RESTORED SHORELINES

Seeking Natural Shorelines

- Have you installed natural shorelines on an inland lake?
- Would the site make a good example for other customers?
- We’re looking for sites to feature in publications to promote natural shorelines

Contact Erin Fuller, Van Buren Conservation District
269-657-4030 x5 erin.fuller@mi.nacdnet.net
Thanks for Your Attendance!

Shoreline & Shallows Conference #7
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