

Shoreline & Shallows Conference

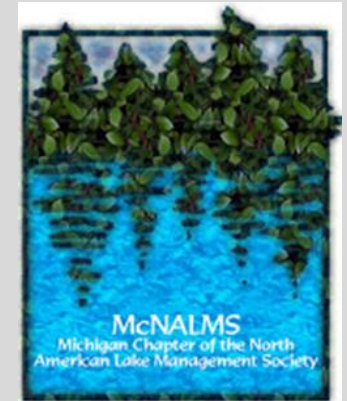
Impacts of Waves & Lakes Levels on Shorelines

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

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Shoreline & Shallows 2019 Conference Sponsors



Shoreline & Shallows 2019

Planning Team

- Lois Wolfson, Institute of Water Research, MSU
- Julia Kirkwood, Water Resources Division, MDEQ
- Amy Lounds, Water Resources Division, MDEQ
- 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





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

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%

Four Objectives

Informed
Contractors

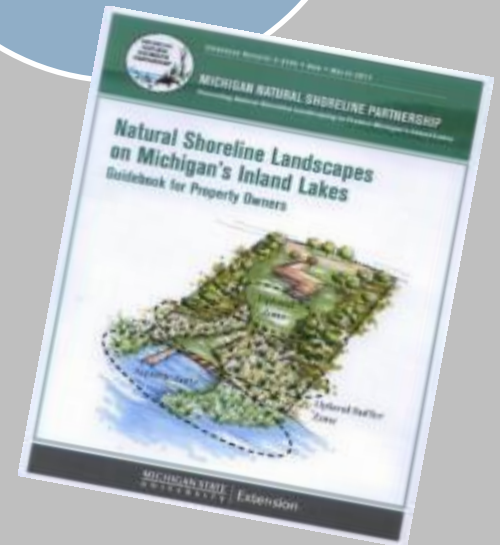


Policy
Changes

Healthier
Shorelines

Interested
Property
Owners

Techniques
that work





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

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 Landscaping and Construction Methods
- ☑ Listed as Preferred Certified Contractor on our web site
- ☑ In-depth training on construction technology and **DEQ** permit process
- ☑ **DEQ** will refer interested parties to this web list.

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



Or Go to our web site:

www.michiganlakes.msu.edu/LakeManagement/ShorelineDevelopment.aspx



Are You a Shoreland Steward?



www.mishorelandstewards.org





0% Upland and
Less than 10% Buffer

1 - 24% Upland and
10 - 24% Buffer

25% - 49%

50% - 74%

75% or Greater





**SHORELAND
STEWARDS**

AMBASSADOR

***Available
Online Soon!***



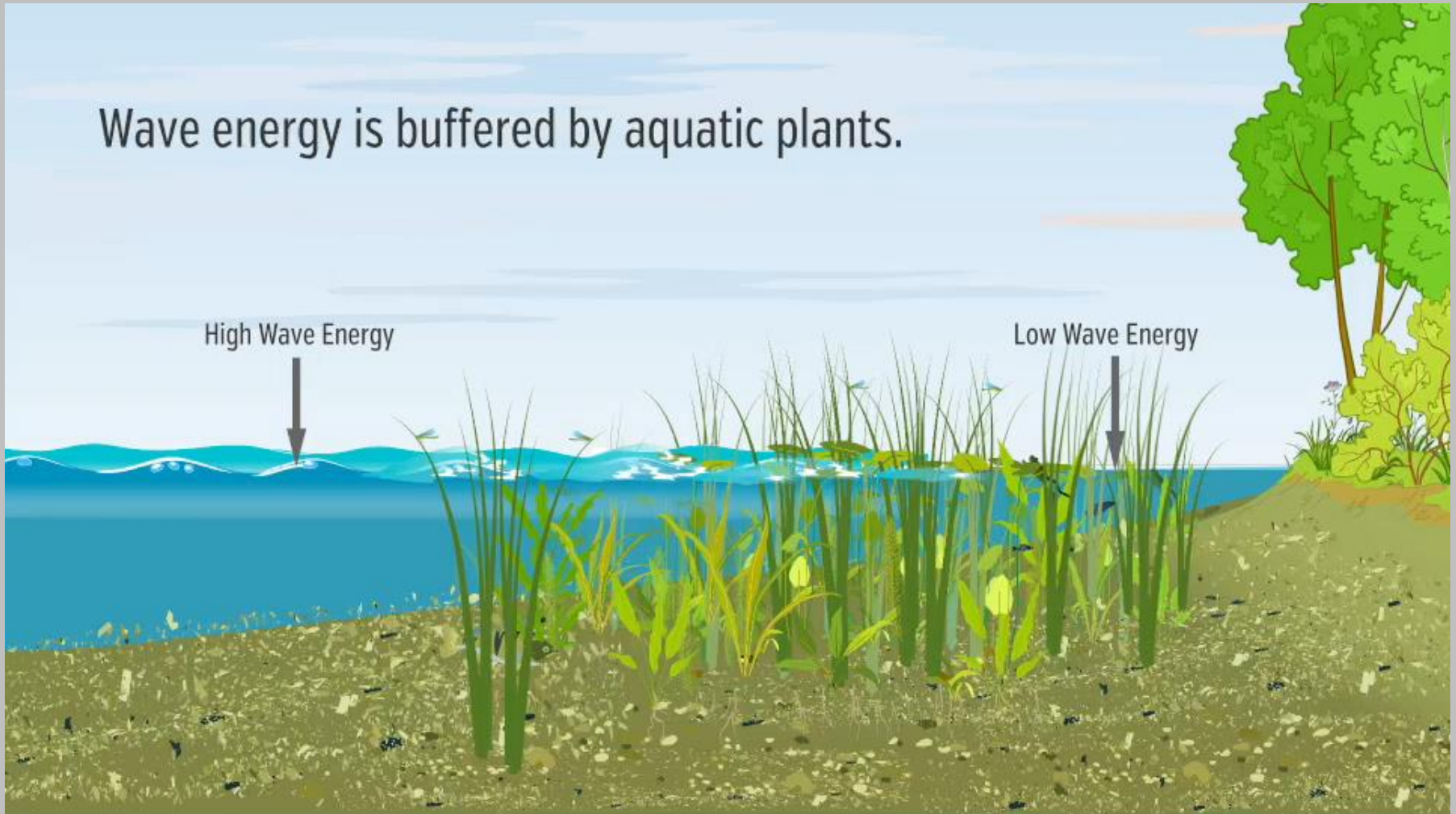
4 New Video Animations

Wave Flanking



Plants and Wave Energy

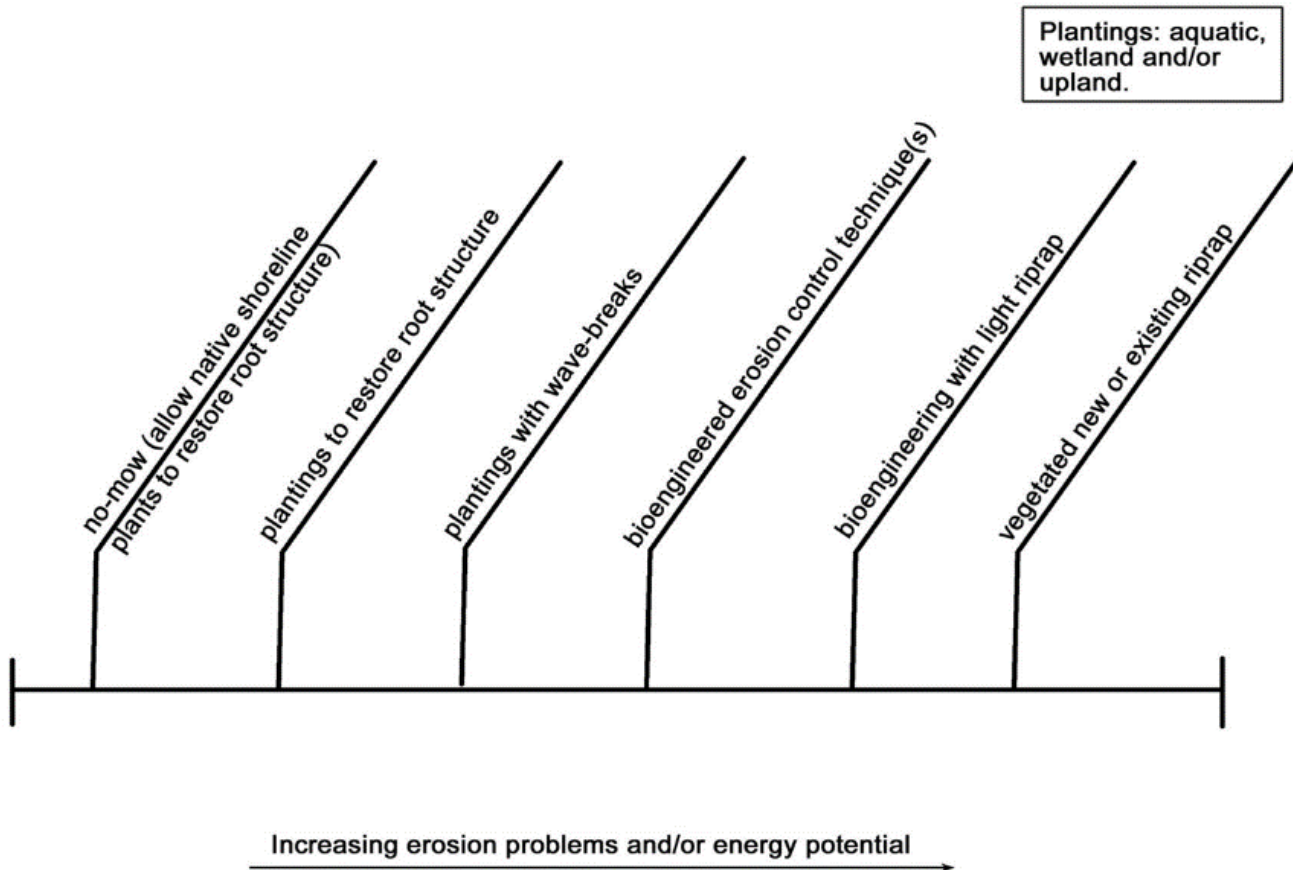
Wave energy is buffered by aquatic plants.



On the Horizon...

Bioengineering Solutions Continuum Project

Natural Shoreline Erosion Control Continuum



“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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