# "Healthy Shorelines for Animals, Plants and People"



June 24th and 25th 2020

Project Overview; Reasons and Benefits for Restoration

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## WHY?

- Shorelines have a special, very important role in our ecosystem!
- Transition zone
- Area of high biodiversity
- Filter and buffer function for water body













Many home owners have a desire to restore their shorelines and yet struggle to apply for and receive funding support

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**Grant application** 

## "A Targeted Approach to Lake Shore Restoration"

Oneida County Land & Water Conservation Dept. received a DNR Lake Protection Grant in 2020

#### Partner Organizations:

Three Lakes Waterfront Association TLWA

Tomahawk Lake Association TLA

Pelican Lake Property Owners Association PLPOA



## **Goals:**

- Assess shorelines or collect data from already assessed shorelines
- Identify priority areas for shoreline improvement
- Promote County Cost Share and Healthy Lakes & Rivers Programs
- Install practices onto landscape

 Grant was intended for a 2 year project, due to pandemic, an extension is likely to be needed.



 Each of the partner organizations is in a different phase of shoreline assessment

 Project open to additional lake associations and private, non - associated waterfront property owners  Each of the partner organizations is in a different phase of shoreline assessment

 Project open to additional lake associations and private non- associated waterfront property home owners

All are



### **Funding support available through:**

County Cost Share - State funds; up to 50% or \$8000
 whichever is less



- Healthy Lakes & Rivers Program
- Wisconsin DNR



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 See Michele Sadauskas presentation



- Healthy Lakes & Rivers Program
- Wisconsin DNRSee Pat Goggins presentation



## Reasons for restoration:

Modern human development has destabilized shoreline ecosystem functions

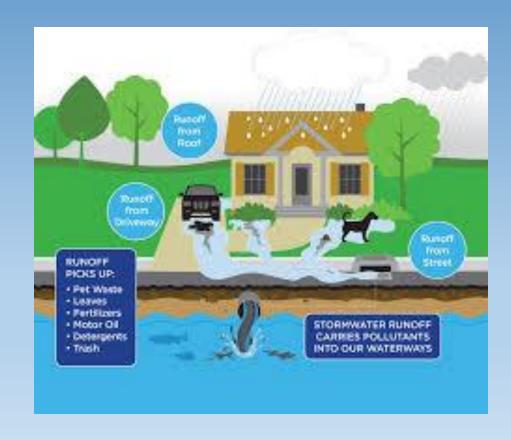






# Main goals for restoration:

Protect water quality





## Main goals for restoration:

#### Conserve soil resources

- prevent erosion
- stabilize shoreline
- natural flood prevention





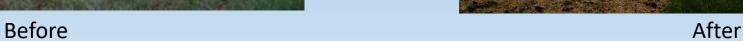


## **Supporting actions:**

Building healthy habitat

Storm water filtration and diversion









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## Build healthy habitat

Native plantings stabilize shorelines with deep roots and increase biodiversity





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Storm water filtration and diversion





# Benefits of restored shorelines

#### For humans:

- Less maintenance
- No mow buffer zones
- Less attractive to geese
- Increase of property value



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- Increase of property value

#### For Nature:

- Less fertilizer and pesticide applied
- More habitat on land and in water
- Better water quality
- Stable soil





# Let's restore

