

# LISMA

## **Mission Statement:**

The mission of the LISMA is to educate the public and protect biodiversity and ecological function throughout this region, contributing to a high quality of life for present and future generations.

## **Goals and Objectives:**

- \*LISMA will be able to cross boundaries throughout the Lakeshore
- \*LISMA will allow partners to share and leverage limited resources
- \*LISMA will be highly visible, building community awareness and participation
- \*LISMA will encourage and improve control efforts
- \*LISMA will provide an early detection and rapid response network
- \*LISMA will help secure funding

## **Contact Information:**

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Find LISMA on facebook at  
[www.facebook.com/lakeshoreinvasivespeciesmanagementarea](http://www.facebook.com/lakeshoreinvasivespeciesmanagementarea)



**Advocating for the  
comprehensive  
management  
of invasive species**

## Invasive Species

## Restore the Shore

## LISMA's Beginning

### Japanese Knotweed

This aggressive plant grows along river banks and wet areas where fragments of its roots and stems can float down the stream and establish new populations. In the fall of the year it can be recognized by its white flower and zig zag stem. During the winter the bamboo like stems turn red and stand out on the landscape.



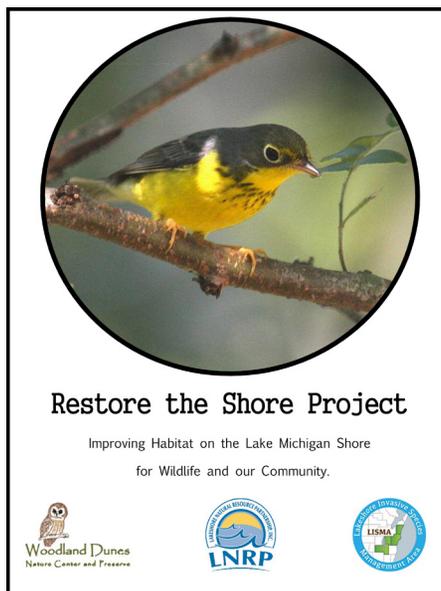
### Emerald Ash Borer

This woodland pest has been found in Fond du Lac county and Calumet County this year making it a growing threat in the region. During most of its life it is unseen under the bark of Ash trees until emerging as a bright metallic green insect in the spring of the year. In order to slow the spread of these invasive insects it is important to not move firewood.



### Phragmites:

This 12 foot tall warm season grass is growing in much of the regions ditches, shorelines and wetlands. In these areas many times it becomes so dense that no animals or other plants are able to utilize the area. Due to its large size and density it can block vision on corners and railway crossing causing more accidents. This plant spreads through fragmentation and rhizomes so cleaning equipment and avoiding when possible is the best course of action.



LISMA is working with Woodland Dunes Nature Center and Preserve and Lakeshore Natural Resource Partnership (LNRP) on multiple restoration projects along the Lake Michigan shoreline in Manitowoc County. Multiple partners are engaged in the project which involves invasive species removal and native species plantings to benefit migratory birds along the lake shore.

### Project sites:

- \*Rotary Wayside – Two Rivers
- \*Woodland Dunes Bird Parks
- \*Woodland Dunes interior parcel
- \*Columbus Street – Two Rivers
  - \*Zander Park - Two Rivers
- \*Lakeside Blvd – Manitowoc
- \*East and West Twin Rivers
- \*Hika Bay

Initial funding for LISMA was through three grants from the WI DNR Weed Management Area – Private Forest Grant Program.

These grants funded the formation of the organization, the development of a five year strategic plan and 5 year work plan, and control and restoration projects throughout LISMA.

LISMA staff and volunteers have already participated in several high attendance events in the area including Lake Michigan Day, Wisconsin's inaugural aquatic invasive species (AIS) Snapshot Day, Northeastern Wisconsin Sport Fishin' Show, Pheasants Forever/Quails Forever National Convention, and others.



### Project Example:



Pictured above is one of the Restore the Shore sites currently being restored, located within Woodland Dunes Nature Center and Preserve (WDNC). Volunteers, WDNC and LISMA staff removed invasive species such as autumn olive, reed canary grass, and honeysuckle, and planted 1,000 native trees and shrubs to provide food and habitat for migratory birds.