



Reversing the Loss
WI's Wetland Strategy

Cherie Hagen - DNR Wetland Team Leader

Presentation Goals:



- What are wetlands and why are they important?
- What is Wisconsin's wetland plan?
- How can you get involved?

Wisconsin's Wetland Ecosystems

Meadows



Marshes



Bogs



Forests



Shrubs



Seasonal Basins





Fish and Wildlife Habitat



*** 75% of WI Wildlife Use Wetlands ***

Aesthetics, Recreation, Education & Science



**\$271 Million Spent Annually by
Bird & Wildlife Watchers**

Floral Diversity



1/3 of WI Endangered
& Threatened Species
Depend on Wetlands

Flood, Water Quality & Shoreline Protection



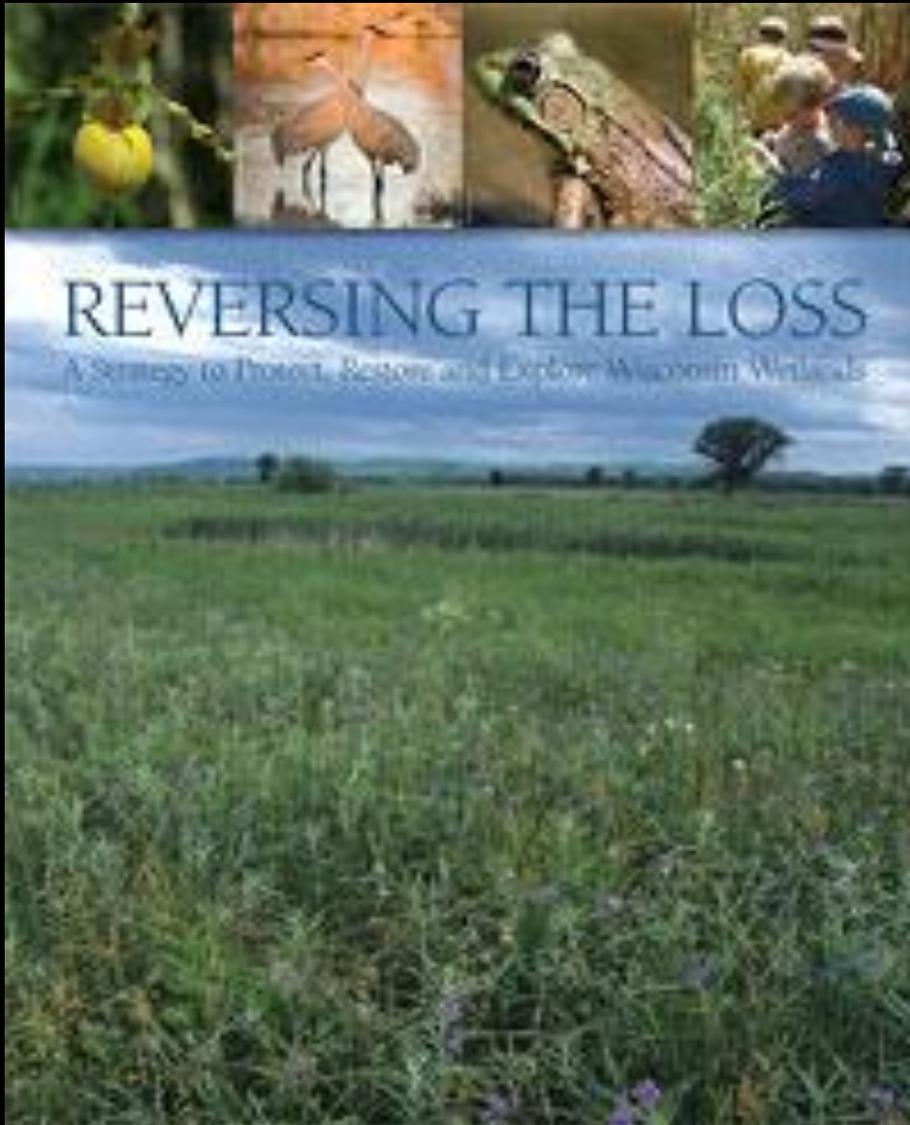
EPA ~ 1 acre of Wetland Can Store up to 1.5 Mill. Gal. of Floodwater

Groundwater Recharge & Discharge



Can Be Critical to Maintain Stream Flows and Lake Levels

Wisconsin's Wetland Plan



*Nearly $\frac{1}{2}$ of
Wisconsin's 10 million
acres of wetlands
have been destroyed
since the 1800's*

Challenges Facing Wetlands:

- Global Climate Change
- Invasive Species
- Development Pressure
- Lack of Wetland Awareness



Wetland Team = DNR + Partners



Southeastern Wisconsin Regional Planning Commission



Wisconsin Department of
Agriculture, Trade and Consumer Protection





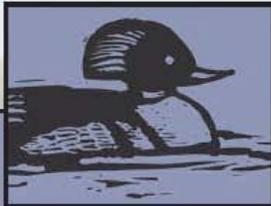
PROTECT

Regulation and
land use planning



WDNR

Acquisition of rare,
high quality wetlands



RESTORE

Restoration of drained
or filled wetlands



Natural Resources Foundation of Wisconsin / Albrecht Elementary School

Actions to improve
wetland health and
function



EXPLORE

Promotion of
recreational
opportunities



WCSHare

Opportunities for
education and
discovery



Goals to get us there:



1. Strengthen and establish partnerships;
2. Develop incentives for wetland conservation on private lands;
3. Avoid and minimize wetland loss and degradation;
4. Restore lost wetlands and improve wetland health and functions;

Strategy Goals:

5. Advance public understanding & connection to WI wetlands;

6. Report and track the status of Wisconsin's wetlands;

7. Further develop wetland science and research needs; and

8. Secure stable funding for wetland conservation and stewardship.



Implementation:

Two Year Action Plans

- Specific Goals (outcomes) & Performance Measures (outputs)

Biennial Reports Prepared

- Measure Progress & Report Success



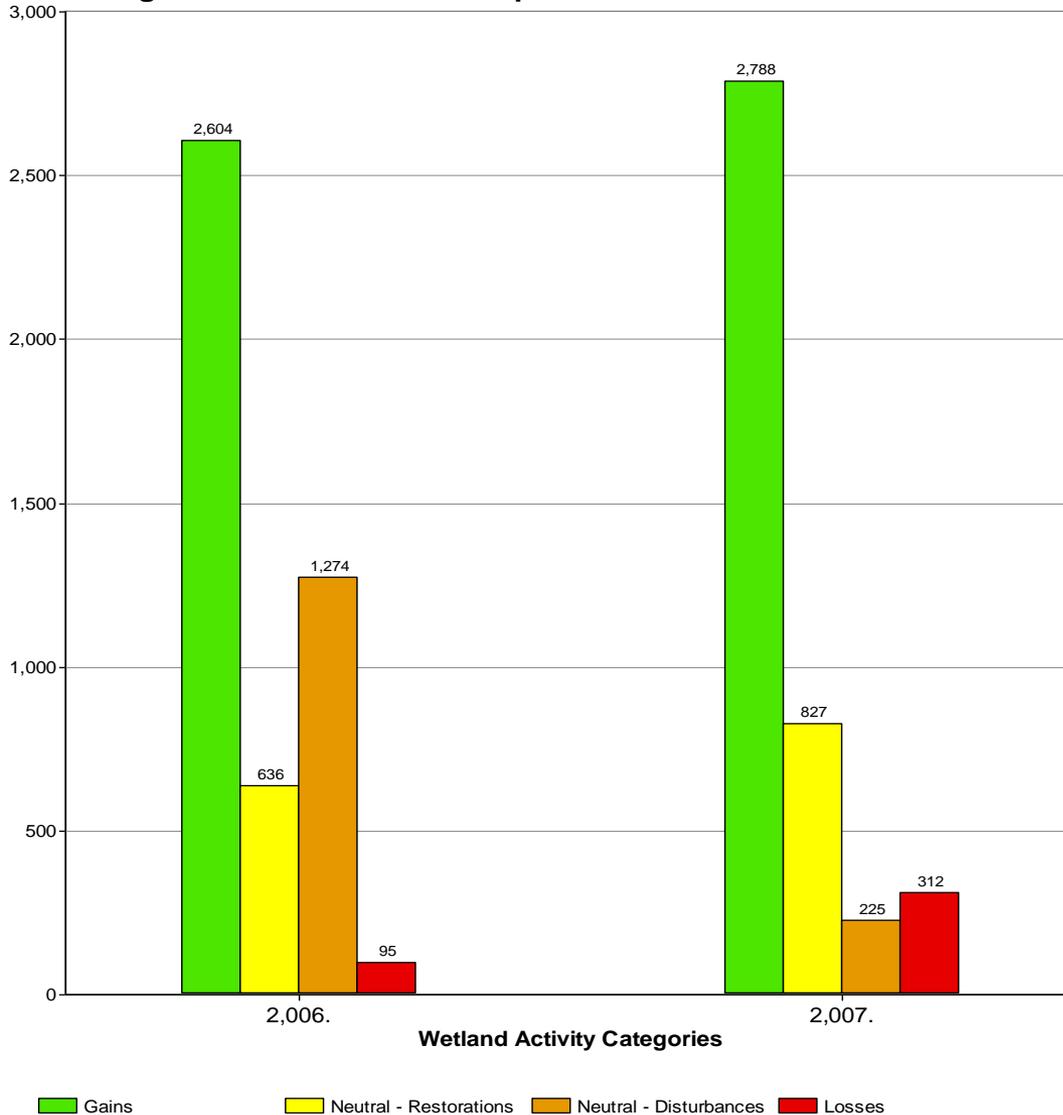
Measure Progress By:



1. Regaining wetlands historically lost by acreage, type and function;
2. Preserving and protecting remaining wetlands;
3. Avoiding and minimizing new wetland loss; and
4. Restoring biodiversity, health and function to degraded wetlands.

Is WI Reversing the Loss?

Figure 2: 2006 to 2007 Comparison of Wetland Activities



2006/2007 Data:

- 5,392 acres restored
- 1,463 acres enhanced
- 1,499 acres disturbed
- 407 acres lost

* 0.146%

Who Can Help Reverse WI Wetland Loss?

Everyone

* 75% of WI Wetlands are Privately Owned *

How?



Wetlands are Wonderlands - Get Connected



***Get Your
Feet Wet –
Monitor***



Discover



Enjoy

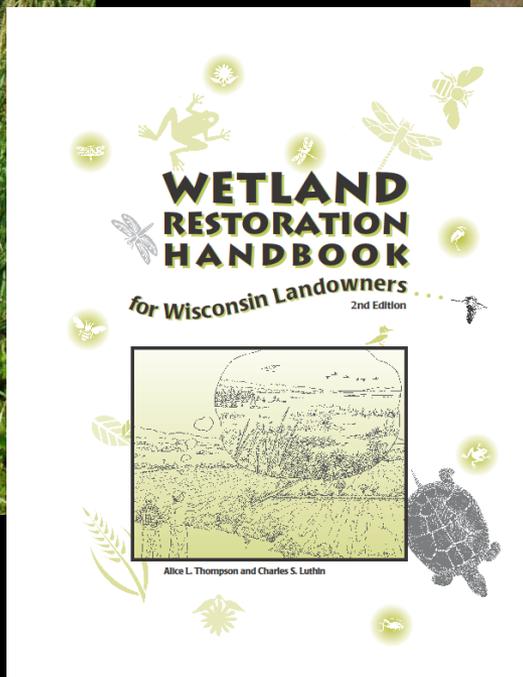


Teach Others

Restore Wetlands - Take Action



*Restore Drained
or Filled Wetlands*



*Remove
Invasive Plants*

Protect Wetlands - Get Involved



*Consider
Wetlands as
Amenities*



*Support Wetland
Acquisition*

Report Illegal Fill

Got Wetlands? Know Before You Buy or Build

Wisconsin DNR Surface Water Data Viewer - Wisconsin Wetlands - Microsoft Internet Explorer provided by Wisconsin DNR

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites

Address <http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=SurfaceWaterViewer.wetlands> Go Links

Wisconsin Department of Natural Resources

Surface Water Data Viewer - Wetlands & Wetland Indicators

Layers Legend Find Location Themes Designated Waters Select Help Print

Full State Zoom In Zoom Out Move Zoom Last Zoom to... Identify Select Advanced Tools

About Wisconsin Wetlands & Wetland Indicators

This theme contains the two map layers listed below and is designed to help users determine if wetlands are likely present at their site. To learn more information about each layer click on the title. To determine if on-line wetland inventory maps are available for the county you are viewing, please click on the WI map below before getting started.

- Wisconsin Wetland Inventory
 - Mapped Wetlands
- Wetland Indicators
 - Potential Wetlands

Scale: 1:8,220 go Quick View: Select a location Selected Map Tool: Move Pan

DNR Maps & Aerial Photography | DNR GIS Overview | Division of Water | Comments on this website

Discussions not available on <http://dnrmaps.wisconsin.gov/>

Start Inbox - Microsoft Outlook Microsoft PowerPoint - [...] Map Review - WDNR - M... Wisconsin DNR Surfa... 6:47 AM



Check DNR's On-Line Maps

Look for
Physical Clues

Wetlands Are Key For Healthy Watersheds & Lakes

Cherie Hagen
715-635-4034

cherie.hagen@wisconsin.gov

dnr.wi.gov/wetlands

