Shoreline Erosion Control Techniques 101 Part 3

2012 Wisconsin Lake Convention

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Talking Points

Techniques

Possibilities

Materials Discussion

Project Examples - Before / After

Various Techniques or Combinations of Techniques

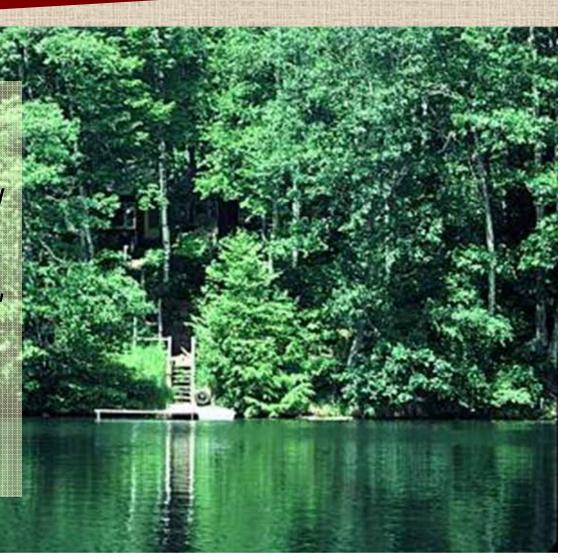
- Natural Shoreline
- Native Plantings
- Biolog w/ Plantings
- Branch Box Breakwater
- Brush Mattress
- Live Fascine
- Branch Packing
- Vegetated Geogrid

- Rock Riprap
- Rock Riprap w/ Live Stakes; "vegetated riprap"
- Demo/Experimental

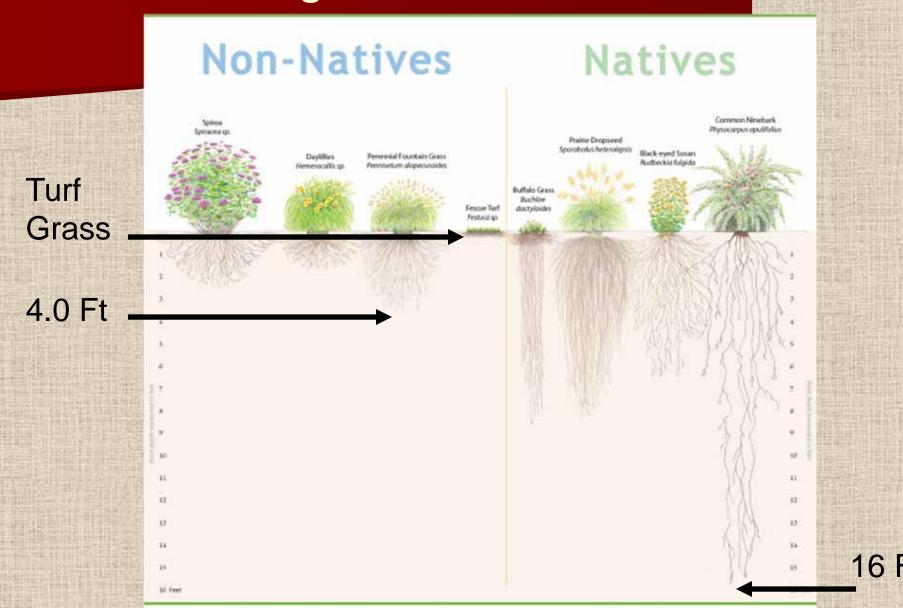


Natural Shoreline

- Left natural
- Buffer of vegetation left intact, i.e.no mow
- May have access to water, i.e. path, dock, stairway, etc.
- Removal of invasive species
- Easiest to maintain



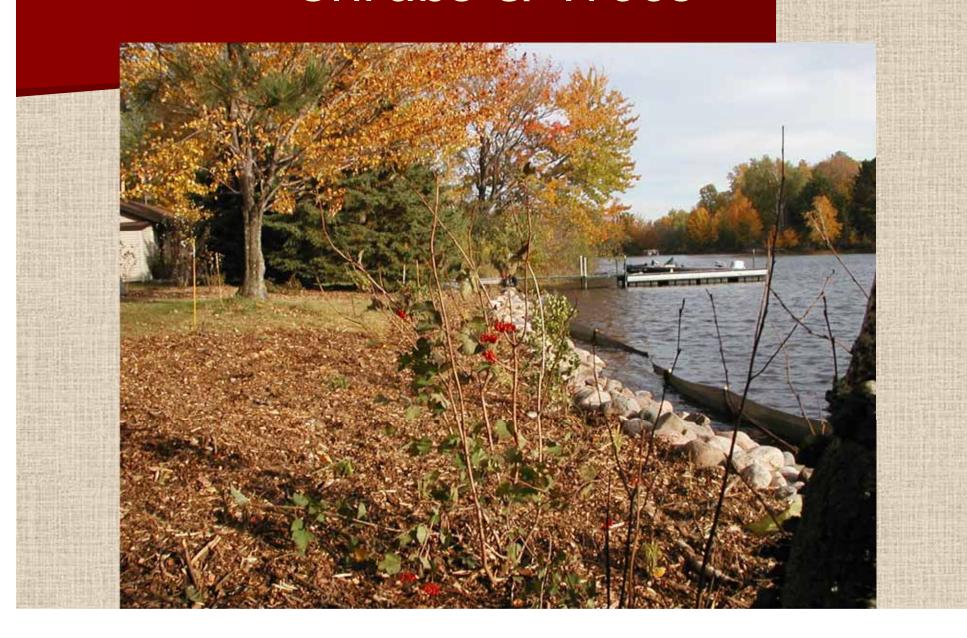
Vegetation Holds Soil

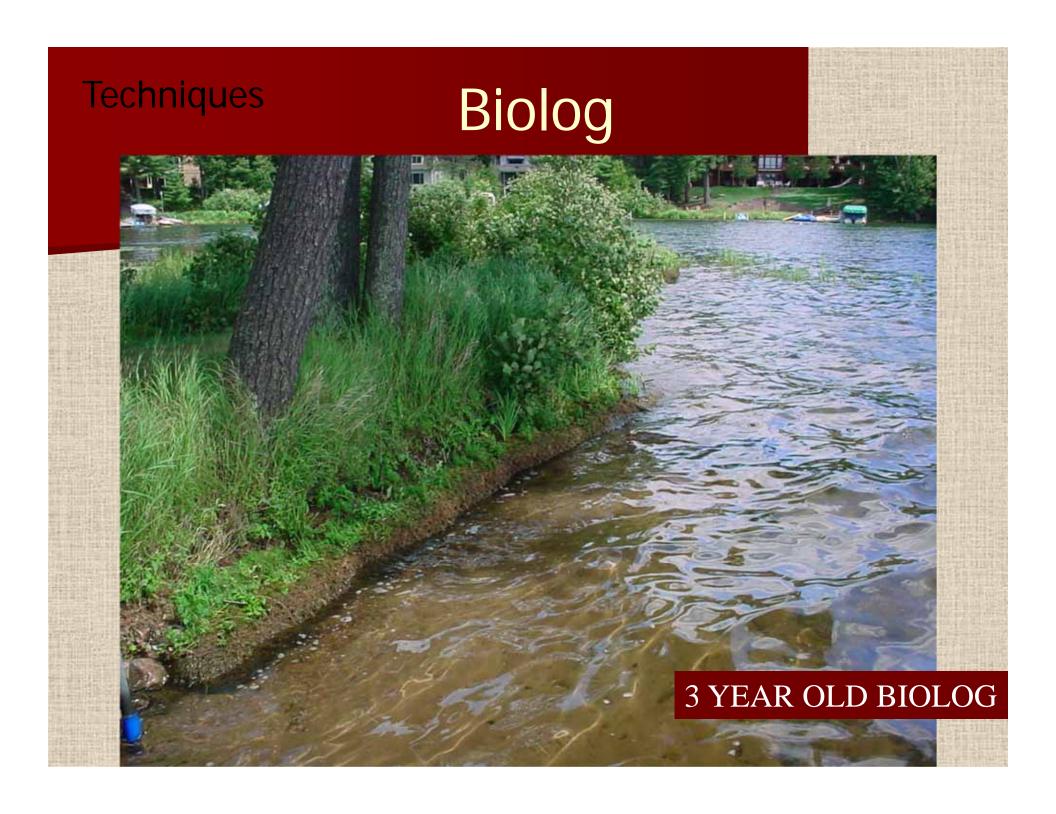


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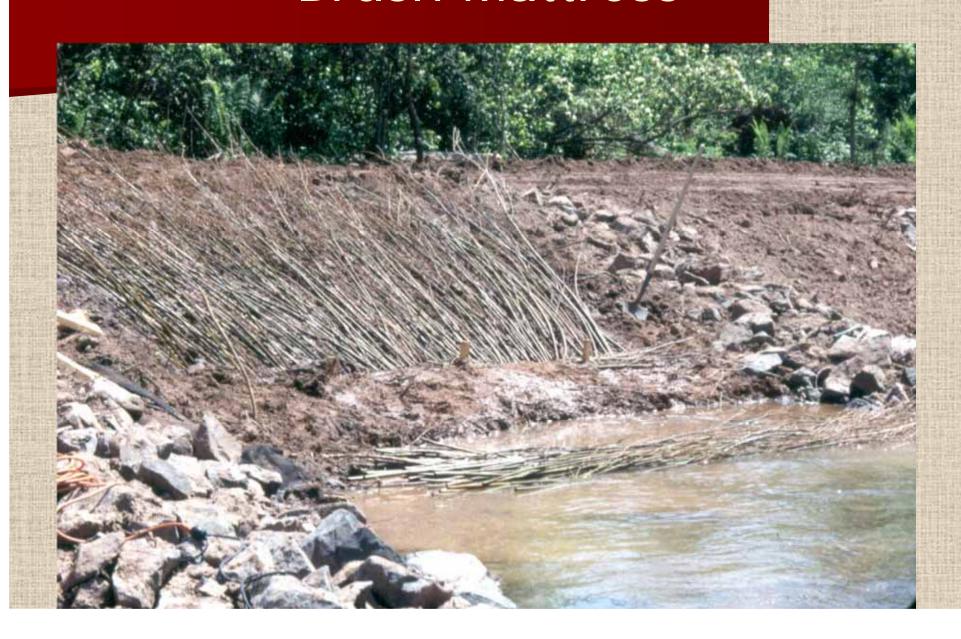


Shrubs & Trees

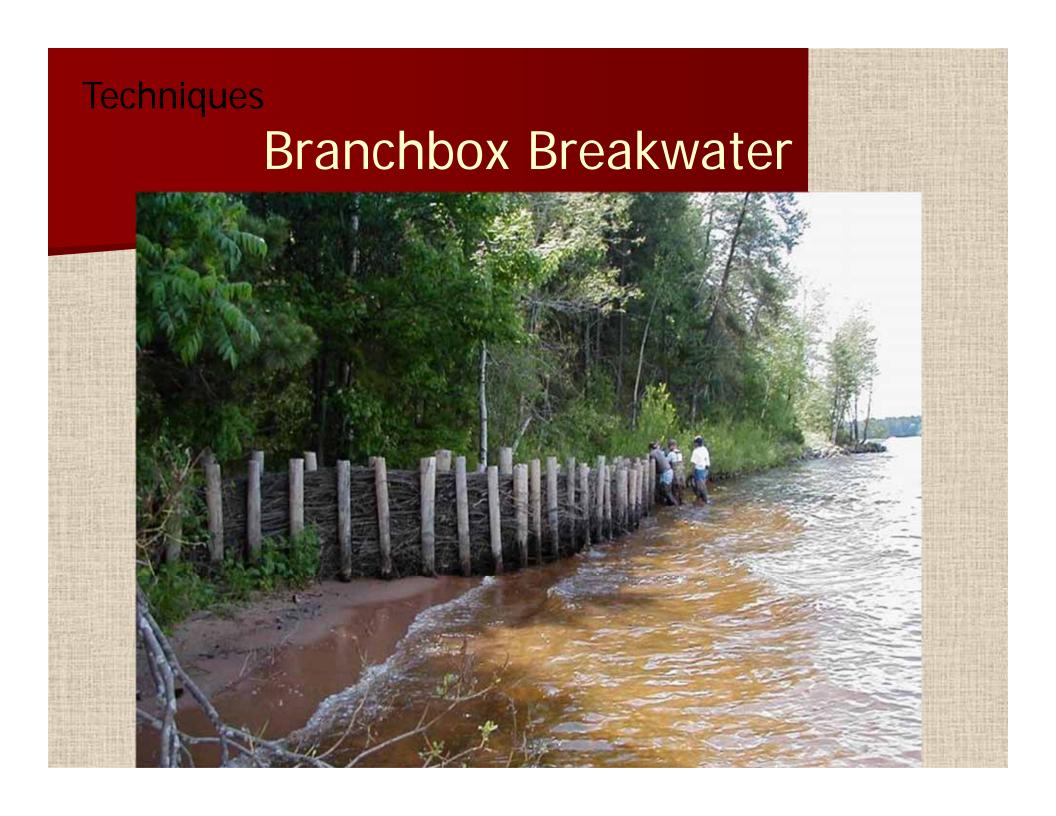




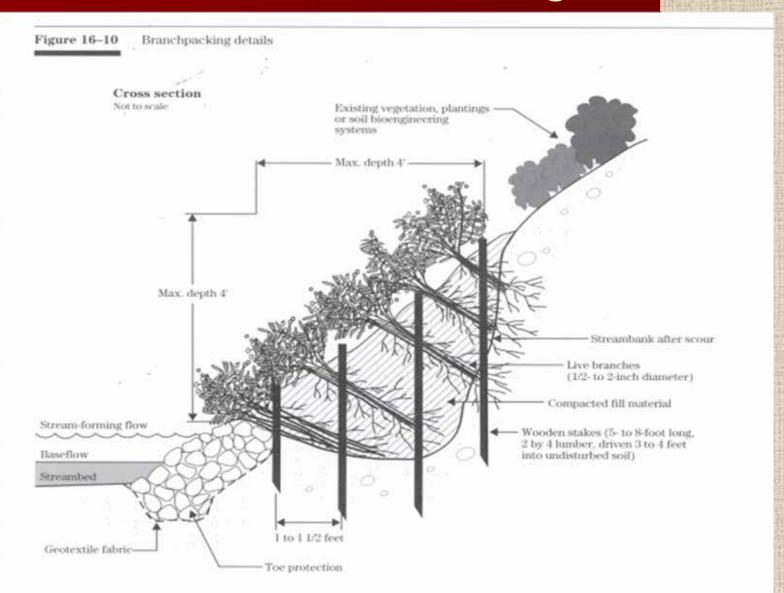
Brush Mattress



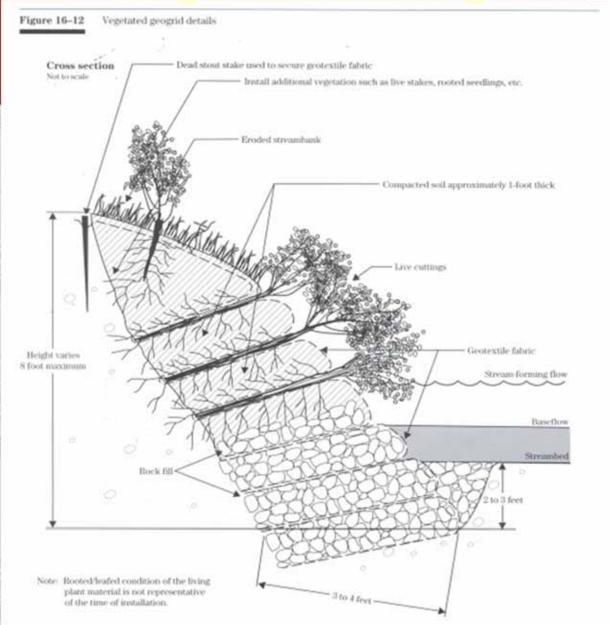
Techniques Live Fascine



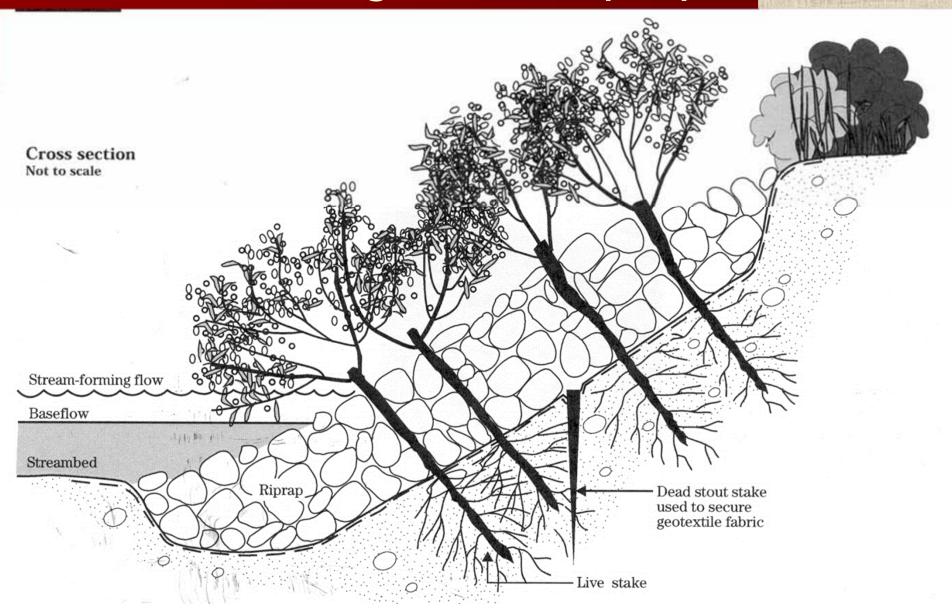
Branch Packing

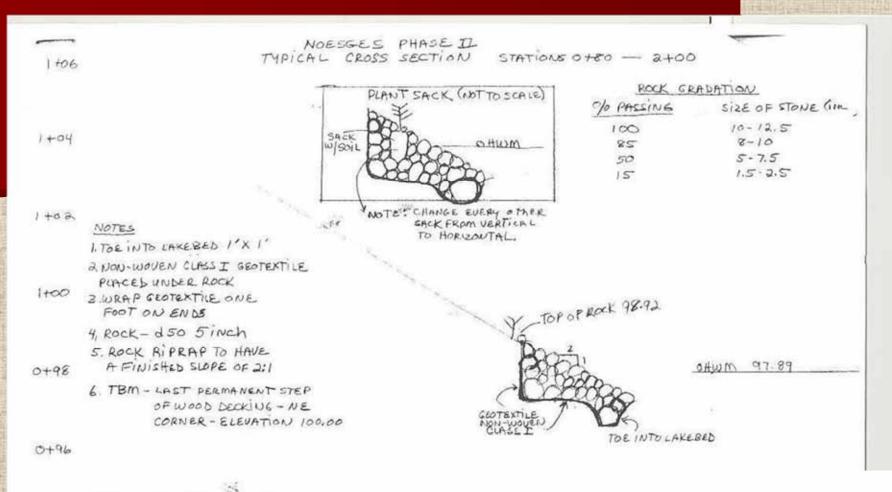


Vegetated Geogrid



Vegetated Riprap





Shrubs for sacks

0+94

Meadowsweet	Spirea alba	
Sweet Gale	Myrica gale	
Speckled alder	Alnus incana	

Project Examples Before / After

































