

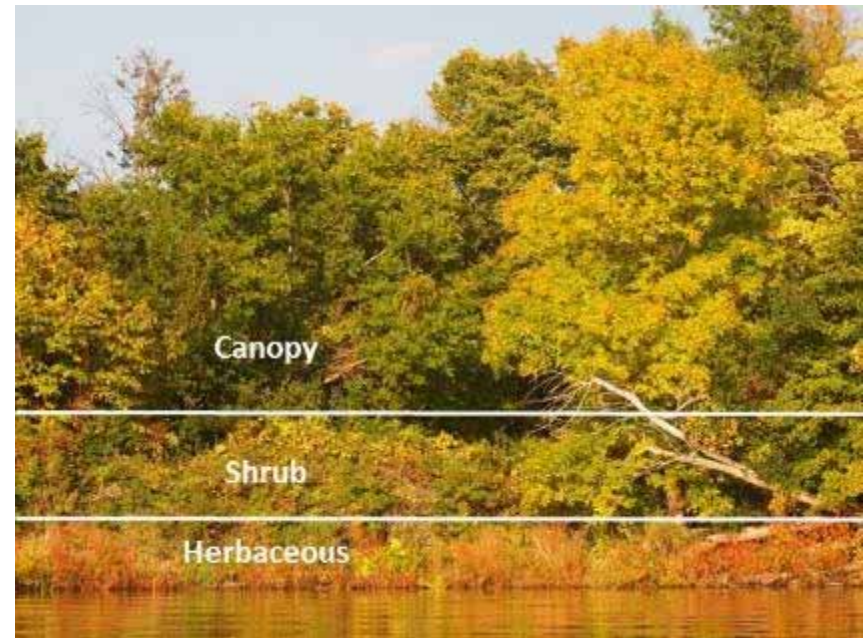
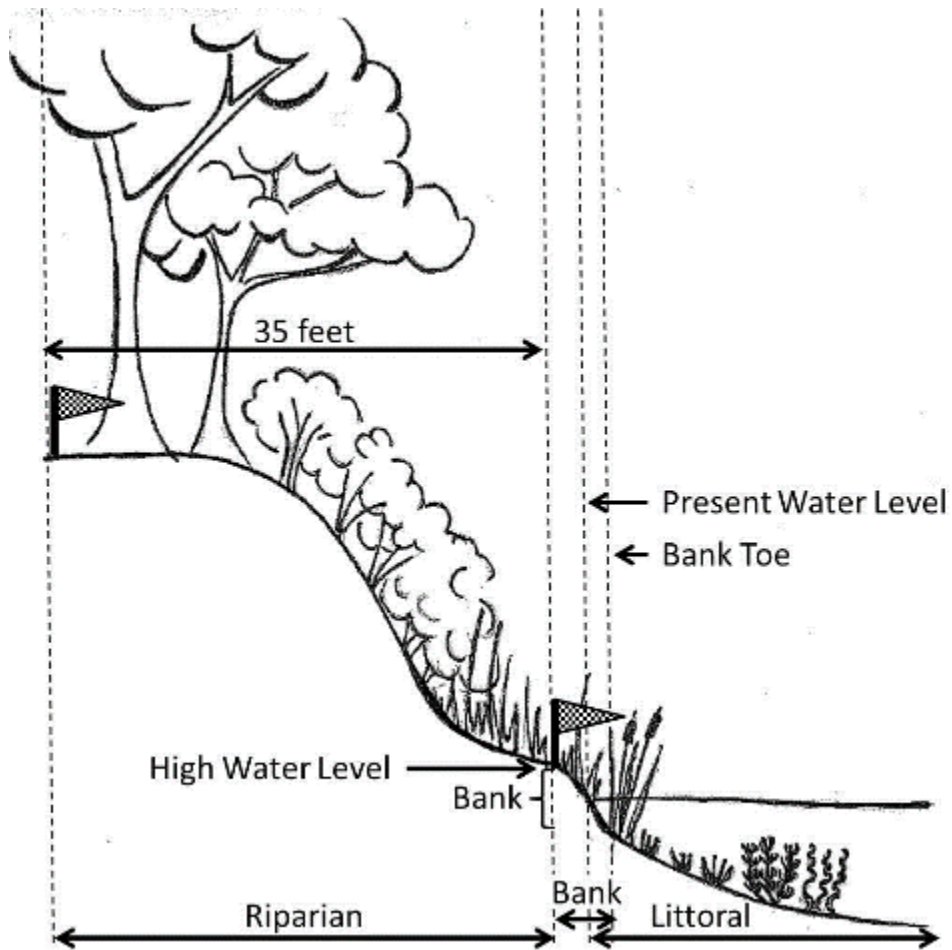
Monitoring Lake Shore Habitat: Why Do It & How to Use the Results!

Katie Hein

Wisconsin Department of Natural Resources

Team: Scott Van Egeren, Paul Cunningham,
Kevin Gauthier, Patrick Goggin, Ted Johnson,
Jodi Lepsch, Dan McFarlane, Kevin Olson, Alex
Smith, Buzz Sorge, Shelly Thomsen, Pamela
Toshner

Elements of a Healthy Lake Shore



Littoral Habitat Destruction: Leading Threat to Lake Health



John Picken



Keith Pheanix



Gretchen Hansen



We understand impacts...
What can be done?

Living on the Lakeshore AND Providing Habitat

Maintain Habitat



Buffalo Lake

Restore Habitat



Pamela Toshner



Pamela Toshner

The Johnsons on Bony Lake

A scenic view of a lake shoreline. The left side of the image shows a dense forest of trees with vibrant autumn foliage in shades of orange, red, and yellow. The trees are reflected in the calm, blue water of the lake. In the distance, a small structure, possibly a pier or dock, is visible on the water's surface. The sky is a clear, light blue.

Lake Shore Habitat Monitoring Protocol

Purpose:

develop a consistent statewide
method for monitoring habitat
along entire lake shorelines

Natural and Disturbed Metrics of Habitat

Riparian Percent Cover



Human Structures



Aquatic Plants



Woody Habitat



Erosion Concerns



Bank Modifications



Parcel A



Parcel B



A scenic view of a lake with autumn foliage reflected in the water. The trees on the left are in various shades of orange, red, and yellow, while the water is a calm, light blue. The sky is a clear, pale blue.

How will data be used?

- Lake management plans
- County comprehensive plans
- Areas for protection/restoration
- Trends in habitat over time
- Effects on flora and fauna
- Social marketing
- County shoreline zoning screening