

Session 1
How Lakes Work Lake Science for Anyone

Saturday, May 4th, 9-11:30 am

Introductory Remarks

Saturday, May 4th, 9:00 am

Lake and river decision-makers like you have taken an important leadership role to manage and protect our surface waters for recreation, for wildlife, and for future generations. This workshop's goal is to familiarize you with sufficient proficiency in management principles to make sensible decisions for your body of water actions that maintain or enhance lake/river quality, that match peoples desires with the lake or rivers capacity to satisfy them. While consultants provide guidance and expertise, and scientific services are available for hire, the responsibility for lake/river management decisions rests with you. In support of you in your leadership role, PCALR and Polk County Land & Water Resources Department are proud to bring you this new learning opportunity.

Presenter: Karen Engelbretson, President, Polk County Association of Lakes and Rivers

Lake Science Basics

Saturday, May 4th, 9:15 am

An understanding of basic lake science is important to help make good decisions for our lakes and essential for communicating with your lake organization, consultants, and government. This will be a discussion of lake science for anyone interested in assuring healthy lakes for future generations. Emphasis will be on fundamentals and factors that influence a lake's quality.

Presenter: Larry Bresina, Webmaster, Polk County Association of Lakes and Rivers

Break

10:15-10:25 am

Polk County Lake Characteristics and Challenges

Saturday, May 4th, 10:25 am

Polk County lies in the glacial tension zone and as such there is a wide variety of ecosystems and many lake types. The differences in bedrock and glacial till in Polk County can make lake management very difficult and can make managers have to think outside the box. Different lake types and management challenges will detailed in this presentation.

Presenter: Jeremy Williamson, Watershed Biologist, Polk County Land and Water Resources Department

Determining Lake Capability

Saturday, May 4th, 10:55 am

Lakes are complex systems and need to be managed as such. Before managing, buying a home on, fishing or recreating on a lake one must be aware of that lake's capabilities. This presentation will identify important variables that should be taken into account in order to determine your lake's capabilities.

Presenter: Jeremy Williamson, Watershed Biologist, Polk County Land and Water Resources Department
