## **Conservation and Management of Amphibian Populations** Matthew J. Gray, Ph.D. College of Agricultural Sciences and Natural Resources University of Tennessee-Knoxville

## **Goal of the Lecture**

To familiarize students with some conservation and management strategies for amphibians.

## Reading Assignments:

- Recommendations for Riparian Buffers: Salamanders (Crawford and Semlitsch 2007)
  Recommendations for Wetland Buffers: Amphibians and Reptiles (Semlitsch and Bodie 2003)
  Principles for Management of Aquatic Breeding Amphibians (Semlitsch 2000: Journal of Wildlife Management 64:615-631)

Handouts Also

## **Lecture Structure**

- I. Aquatic and Terrestrial Habitat Needs
- **II.** Aquatic Environment Strategies
- **III. Terrestrial Environment Strategies**
- IV. Wetland Buffers, Small Wetlands, and Roads



















