

# Basic Wetland Delineation Workshop

## AGENDA

### Day 1

- 7:30-7:45 a.m. **Sign In & Continental Breakfast**
- 7:45-8:00 a.m. **Pre-test**
- 8:00-8:10 a.m. **Introduction**  
*D. Timothy Gerber, associate professor, University of Wisconsin-La Crosse; member of Rivers Studies Center*
- 8:10-8:45 a.m. **Overview**  
*Don Reed, chief biologist, Southeastern Wisconsin Regional Planning Commission*
- Course format
  - Federal, state wetland definitions
  - Wetland functions and values
- 8:45-10:30 a.m. **Vegetation**  
*D. Timothy Gerber*
- Definitions of hydrophytic vegetation
  - Wisconsin wetland plant communities and strata wetland indicator status
  - Morphological adaptations
  - Plant lists, keys, other sources of information
- 10:30-10:40 a.m. **Break**
- 10:40 a.m.-12:15 p.m. **Soils**  
*Robert Weihrouch, biologist, USDA—Natural Resources Conservation*
- Soil morphology
  - Hydric soils
  - Redoximorphic features
  - Field indicators of hydric soils
  - Problem soils and atypical situations
  - USDA Farm Bill Wetlands
- 12:15-1:00 p.m. **Lunch**
- 1:00-5:00 p.m. **Field Activities**  
*Don Reed; D. Timothy Gerber; Patricia Trochlell, wetland ecologist, Wisconsin Department of Natural Resources; Robert Weihrouch, biologist, USDA – Natural Resources Conservation Service; Chris Knotts, biologist, U.S. Army Corps of Engineers; Bruce Norton, biologist, U.S. Army Corps of Engineers*
- 1:00-5:00 p.m. **Sample Site Stations; Transects--Delineation**
- Notes:**
- 1) *Some travel and carpooling required*
  - 2) *Clothing should be appropriate for wet and weather conditions*

### Day 2

- 7:30-7:45 a.m. **Sign In & Continental Breakfast**
- 7:45-8:15 a.m. **Soils (cont.)**  
*Robert Weihrouch*

- 8:15-9:45 a.m.      **Hydrology**  
*Randy Hunt, hydrologist, United States Geological Survey*
- Definition of, criteria for, wetland hydrology
  - Wetland hydroperiod
  - Types of wetland hydrology
  - Hydrologic influences
  - Problems of altered hydrology
  - Field indicators
  - Hydrologic data, other sources of information
- 9:45 a.m.-10:00 a.m.      **Break**
- 10:00-10:45 a.m.      **Problem and Atypical Wetlands**  
*Patricia Trochlell*
- 10:45 a.m.-11:45 p.m.      **Field Delineation Methodology**  
*Don Reed*
- Preparation, necessary equipment, maps
  - Delineation procedure
  - Assessment of hydrologic criteria
  - Assessment of vegetation criteria
  - Assessment of soils criteria
  - Data collection and recording
  - Report preparation and evaluation
  - State reporting for Wisconsin wetland inventory
- 11:45-12:30 p.m.      **Lunch**
- 12:30-1:00 p.m.      **Field Delineation Methodology (cont.)**  
**50-20 Rule, FacNeutral Test**  
*Don Reed*
- 1:00-1:30 p.m.      **Plant Communities of Field Activity Area**  
*Don Reed*
- 1:30-5:45 p.m.      **Field Activities**  
*Don Reed; D. Timothy Gerber; Patricia Trochlell, wetland ecologist, Wisconsin Department of Natural Resources; Robert Weihrouch, biologist, USDA – Natural Resources Conservation Service; Chris Knotts, biologist, U.S. Army Corps of Engineers; Bruce Norton, biologist, U.S. Army Corps of Engineers; Randy Hunt, hydrologist, United States Geological Survey*
- **Full Delineation**

**Day 3**

- 7:45-8:00 a.m.      **Sign In & Continental Breakfast**
- 8:00-9:00 a.m.      **Wetland Delineation Areas for Improvement**  
**Review of Data Sheets from Field Activities**
- 9:30-10:00 a.m.      **Wetland Compensatory Mitigation**  
*Pat Trochlell*
- 10:00-10:15 a.m.      **Break**
- 10:15-11:15 a.m.      **Wetland Water Quality Standards (NR103)**  
*Dale Simon*
- 11:15-11:30 a.m.      **Questions and Answers**
- 11:30 a.m.-12:00 p.m.      **Post-test and Training Evaluation**