

Basic Wetland Delineation Workshop

AGENDA

Day 1

- 7:30-7:45 a.m. **Sign In & Continental Breakfast**
- 7:45-8 a.m. **Pre-test**
- 8-8:10 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
- 8:45-9 a.m. **Introduction to Wetland Delineation Methods**
Patricia Trochlell, chief wetland ecologist, Wisconsin Department of Natural Resources
- 9-10:30 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
- 10:30-10:45 a.m. **Break**
- 10:45-Noon **Soils**
Robert Weihrouch, biologist, USDA—Natural Resources Conservation
- Soil morphology
 - Hydric soils
 - Redoximorphic features
 - Field indicators of hydric soils
 - Problem soils
 - Off-site mapping conventions
- Noon-12:45 p.m. **Lunch**
- 12:45-5 p.m. **Field Activities – Full Wetland Instructor Team**
Sample Site Demonstration Stations; —Delineation Practice
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 a.m. **Soils (cont.)**
Robert Weihrouch
- 8-9:30 a.m. **Hydrology**
Steve Eggers, senior ecologist, US Army Corps of Engineers
- 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
 - Growing Season
- 9:30-9:45 a.m. **Break**
- 9:45-10:45 a.m. **Problem and Atypical Wetlands, Difficult Situations**
Patricia Trochlell
- 10:45-11:30 a.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
- 11:30 a.m.-12:15 p.m. **Lunch**
- 12:15-1:15 p.m. **Field Delineation Methodology (cont.)**
Don Reed
- 50-20 Rule,
 - Prevalence Index,
 - Morphological adaptations,
 - Fac-Neutral Test
- 1:15-5:30 p.m. **Field Activities** – Full Wetland Instructor Team
- Full Delineation

Day 3

- 7:30-7:45 a.m. **Sign In & Continental Breakfast**
- 7:45-8:30 a.m. **How to Write a Good Wetland Delineation Report**
Patricia Trochlell
- 8:30-8:45 a.m. **Wetland Report Review**
Don Reed; D. Timothy Gerber; Patricia Trochlell; Robert Weihrouch; Steve Eggers
- 8:45-9 a.m.. **Break**
- 9:00-11:00 a.m. **Air Photo Interpretation Presentation**
Kevin Traastad – La Crosse, Phil Meyer - Waukesha
- 11:00 a.m.-11:45 a.m. **Lunch**
- 11:45-3:30 p.m. **Field Activities – Full Wetland Instructor Team**
- 3:30-4 p.m. **Post Test and Training Evaluation**