

The Swamp School  
Wetland Delineation 101  
eLearning  
Fall 2007  
Syllabus

1.0 Introduction to Wetlands and Wetlands History

- \* Resource Lesson 1.1 - Introduction to Wetlands
- \* Resource Lesson 1.2 - Rapanos and Carabell Decision
- \* Resource Lesson 1.3 - Wetland Functions
- \* Resource Lesson 1.4 - Permits
- \* Resource Introduction to Wetlands - Podcast
- \* Resource Wetland Laws
- \* Resource Clean Water Act Definition of "Waters of the United States"
- \* Resource The Wetland Delineator Certification Program
- \* Forum Wetland Rules and Regulations Forum
- \* Quiz Wetland Background Quiz

2.0 US ACOE Wetland Delineation Methods

- \* Resource Lesson 2.0 USACOE Methodology
- \* Resource Wetland Data Sources - Podcast
- \* Resource USACOE Wetland Delineation Manual
- \* Resource USFWS NWI
- \* Resource Classification of wetlands and deepwater habitats of the United States
- \* Resource Federal Manual for Identifying and Delineating Jurisdictional Wetlands
- \* Resource Regional Supplements to the USACOE Manual
- \* Resource USGS Map Sources
- \* Forum USACOE Wetland Delineation Forum

3.0 Vegetation

- \* Resource Lesson 3.1 Wetland Vegetation
- \* Resource Lesson 3.2 Inland Wetland Types
- \* Resource Wetland Vegetation Part 1 - Podcast
- \* Resource Wetland Vegetation Part 2 - Podcast
- \* Resource USDA Plants Data
- \* Resource Va Tech Dendrology - Leaf and Twig Keys
- \* Resource National List of Wetland Plants
- \* Forum Wetland Vegetation Forum
- \* Quiz Vegetation Quiz

#### 4.0 Hydrology

- \* Resource Lesson 4.1 Wetland Hydrology
- \* Resource Lesson 4.2 Wetland Hydrology Part 2
- \* Resource Wetland Hydrology Part 1 - Podcast
- \* Resource Wetland Hydrology Part 2 - Podcast
- \* Resource Surf Your Watershed
- \* Resource USGS Realtime Stream Data
- \* Resource NOAA Climate Data
- \* Resource Technical Standard. for Groundwater Hydrology
- \* Resource Hydrologic Unit Maps
- \* Forum Wetland Hydrology Forum
- \* Quiz Wetland Hydrology Quiz

#### 5.0 Soils

- \* Resource Lesson 5.1 - Soil Science
- \* Resource Lesson 5.2 - Soil Profiles
- \* Resource Lesson 5.3 - Hydric Soil Identification
- \* Resource Lesson 5.4 - Field Indicators of Hydric Soils
- \* Resource Lesson 5.5 - Soil Taxonomy
- \* Resource Lesson 5.6 - Redox Features
- \* Resource Lesson 5.7 - Soil Surveys
- \* Resource Wetland Soils Part 1 - Podcast
- \* Resource Wetland Soils Part 2 - Podcast
- \* Resource USDA Soil Mapper
- \* Resource Keys to Soil Taxonomy
- \* Resource National List of Hydric Soils
- \* Resource Field Indicators of Hydric Soils in the U.S.
- \* Forum Wetland Soils Forum
- \* Quiz Wetland Soils Quiz

#### 6.0 Delineation Methods

- \* Resource Lesson 6.0 Delineation Methods
- \* Resource USACOE Data Form
- \* Forum Wetland Delineation Forum

#### 7.0 Atypical and Problem Area Sites

- \* Resource Lesson 7.0 - Disturbed & Problem Areas
- \* Forum Atypical and Problem Area Forum

#### 8.0 Documentation and Report Writing

- \* Resource Lesson 8.0 - Report Writing
- \* Forum Report Writing Forum

#### 9.0 Final Exam & Field Practicum

- \* Quiz Final Exam
- \* Resource Field Practicum

