

Institute for Wetland & Environmental Education & Research, Inc.
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**WETLAND DELINEATION: CORPS MANUAL AND
REGIONAL SUPPLEMENT**
September 10-13, 2013 Libertyville, Illinois

This four-day course is designed to provide students with hands-on experience in the field applying the methods and getting critiqued by the instructor and their peers. Taught by regional experts in plant identification, hydric soil recognition, and wetland delineation, you will learn how to analyze vegetation patterns, recognize hydric soils and separate them from nonhydric soils –essential skills for wetland identification and boundary delineation. Students will be introduced to the basic concepts and methods in lectures and through field exercises. During the course, students will spend approximately two days of time in the field learning how to determine the presence or absence of hydrophytic vegetation, hydric soils, and wetland hydrology indicators and to use these indicators to identify and delineate wetlands following federal methods. The instructors will demonstrate sampling techniques and guide students through the steps in conducting wetland delineations. Students will work in groups to identify wetlands and delineate their boundaries. Their work will be evaluated by the instructors and their peers.

Focusing on the use of the Corps Wetlands Delineation manual and **the latest regional supplement**, there will also be a discussion of key differences between this manual and state methods, where appropriate. Students will receive information on where to obtain the latest regulatory guidance regarding jurisdictional questions (e.g., isolated wetlands and **Rapanos**). The fee includes all course materials – the Corps of Engineers manual; the regional supplement; Regional Wetland Plant List, and additional information relevant to making wetland determinations plus a hardbound copy of "Wetland Indicators" (Tiner, 1999) – a college textbook providing a comprehensive review of the science behind wetland delineation, various delineation methodologies, and aids to wetland identification.

- This course is designed for students with some familiarity with plant id.
- Meets the training requirements for SMC Certified Wetland Specialist.
<http://www.lakecountyyil.gov/Stormwater/FloodplainStormwaterRegulations/Wetlands/Pages/CertifiedWetlandSpecialist.aspx>
- 2.8 Continuing Education Units available.
- Appropriate for required hours toward the Society of Wetland Scientist's Professional Wetland Scientist certification program (www.sws.org).

COURSE FEE: \$900.00 includes all course material - textbook "Wetland Indicators" by R.W. Tiner (1999), 1987 Corps Wetlands Delineation Manual, Regional Plant List, Regional Supplement and various handouts.

Instructors: **Michael Whited** has been a soil scientist for 30 years and is a Nationally Certified Soil Scientist / Soil Classifier and a Certified Professional Wetland Scientist.

Ralph Tiner is Adjunct Assistant Professor at the University of Massachusetts where he teaches wetland delineation. With over 25 years of experience in wetland mapping and delineation, he is a nationally recognized authority on these subjects.

REGISTRATION FORM

Corps Wetland Delineation Training, September 10-13, Libertyville, IL
Course fee \$900.00

Location: Lake County Stormwater Management Commission, 500 W. Winchester Road,
Libertyville, IL 60048

Name: _____

Title: _____

Employer: _____

Address: _____ **City:** _____

State: _____ **Zip:** _____

Daytime phone: _____

E-mail address: _____

You can also register online at www.wetlanded.com or send this registration form with check or money order to: IWEER, P.O. Box 288, Leverett, MA 01054. A confirmation letter with the course specifics and pre-reading assignment will be mailed to you. If you have any questions, please call (413) 548-8866 or e-mail Barbara@wetlanded.com.

IWEER is approved by the Corps of Army Engineers to provide training in the use of the Corps wetland delineation manual as required for the Corps' Wetland Delineator Certification Program.