



Course Instructors

Sean Sipple, Lead Instructor, is a senior Environmental Scientist with Coastal Resources Inc. He is a Professional Wetland Scientist with 16 years of experience in the field. Sean is a Certified Ecologist, VA Professional Wetland Delineator and a Certified Taxonomist for Benthic Macroinvertebrates. Sean has also been employed with Wetland Studies & Solutions, Inc., the MD Department of the Environment and the Smithsonian Environmental Research Center.

William Sipple is a Wetland Ecologist and a Principal in W.S. Sipple Wetland & Environmental Training & Consulting, a small company he established after retiring from the U.S. EPA in 2003. With over 50 years of wetland field experience, numerous scientific articles in journals, and two publications, his experience is prolific.

Gary Jellick, Hydric Soils Instructor, has over thirty years of experience as a soil scientist and project manager of multidisciplinary environmental investigations in the Mid-Atlantic Region. He has completed wetland delineations on parcels up to 3000 acres, including transportation corridors up to 25 miles long and has prepared natural resource sections of numerous Environmental Assessments, Environmental Impact Statements, and Chesapeake Bay Critical Area Reports.

For complete biographies please visit
www.wetland.org



Mission Statement

Environmental Concern is committed to improving water quality and enhancing habitat in the Chesapeake Bay Watershed through the creation of living shorelines and restoration of wetlands, the propagation of native plant species and professional outreach and education.



Environmental Concern Inc.

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2020 Training Courses For Wetland Professionals

*Restoring the Bay...
one wetland at a time.*



*Teaching Wetland Professionals
since 1985*



Professional Wetland Development Courses

Basic Wetland Delineation

Students and professionals just entering the field of wetland science, as well as those needing a review, should attend this 5-day (40-hour) course on the 1987 Corps of Engineers Wetland Delineation Methods. The course covers the Clean Water Act Section 404 regulations, updated regulation changes, and individual wetland parameters of **vegetation, soils, and hydrology**. Participants will apply the criteria learned in the classroom while performing wetland delineations during field exercises. Sites include a 'Delmarva Bay', a seasonal freshwater wetland, home to many rare and endangered species.

Wetland Plant ID

Designed for wetland professionals to improve vegetation identification skills, this three-day field course will focus on wetland plant identification. Emphasis will be placed on key field characteristics of select plant families. Instructor-led and group keying will teach the necessary skills for field identification of wetland indicator species as the participants visit a variety of wetland habitats on the Eastern Shore. By the end of the course, you will be able to confidently identify wetland plant species that are important in determining if an area meets the hydrophytic vegetation criterion for wetland delineation.

Evaluating Hydric Soils in the Field

During this two-day course, participants will learn to identify the field indicators of hydric soils through lectures and field trips. This course will include extensive field work to build participants' experience and confidence in accurately identifying hydric soils for delineation reporting. Background experience in hydric soils is not required.

Winter Woody Plant ID

This three-day course will increase your wetland knowledge by learning how to identify species during the winter season. Examine twigs, bark and other leafless characteristics. Woody species will be identified through lectures, field trips, and field/lab keying. Background in botany preferred, but not necessary.

For custom courses for your organization, please contact Environmental Concern.

*Course Schedule

**Basic Wetland
Delineation - 5 Days
Spring**

May 4 - May 8
Early Registration \$975
before 4/17/2020
After deadline \$1000

**Wetland Plant
Identification - 3 Days**

June 22 - 24
Early Registration \$575
before 6/5/2020
After deadline \$600

**Basic Wetland
Delineation - 5 Days
Fall**

September 28 - October 2
Early Registration \$975
before 9/11/2020
After deadline \$1000

**Evaluating Hydric Soils in
the Field - 2 Days**

October 2 - 3
Early Registration \$400
before 9/1/2020
After deadline \$425

**Winter Woody Plant ID
3 Days**

November 9 - 11
Early Registration \$575
before 10/15/2020
After deadline \$600

***Courses begin at 8:30 a.m. and end at 5:00 p.m.**

**Environmental Concern Inc. is pleased to be
partnering with Coastal Resources Inc. to present
Professional Training Courses in 2020**



*Environmental Concern and Coastal Resources are
using their shared experience and resources to offer
high-level professional training to students,
practitioners and consultants.*

**To register for courses, please contact Environmental
Concern at 410-745-9620 or register online at
<https://wetland.org/education/professional-courses/>**



General Information

Why Take an EC Training Course?

All courses are held at Environmental Concern's campus, located on San Domingo Creek in St. Michaels, MD (Eastern Shore).

Since its inception in 1972, Environmental Concern has been focused on building the capacity of those in the wetland field through quality professional development opportunities. Unlike other wetland training centers, Environmental Concern is fully engaged in the work of wetlands. We are able to provide students a unique learning experience presented from the practitioners' perspective.

EC's campus is also the location of the nation's first wholesale native and upland plant nursery - currently growing over 100 different species. In addition, staff members are engaged in cutting edge enhancement, restoration and creation initiatives.

Additional Course Information

Class sizes are limited. Please register at least two weeks prior to the scheduled course start date.

EC makes every attempt to hold a scheduled course. If minimum registration is not met, participants will be notified two weeks before the start of the course. If the minimum is met, all registrants who have paid in full for the course will receive a confirmation by email, sent to the email address listed in the registration.

Course information will be sent after the minimum number of course participants has been secured - no later than two weeks prior to the course start date.

All courses offer the opportunity for hands on training and field time. Daily attire should be informal and appropriate for field work.

What Does the Course Fee Include?

All courses include a light breakfast, snacks, and drinks. Field trips to various project sites for field-keying and practice are also included in the course schedule.

Cancellation Policy

EC must receive a written notice by email or US mail at least two weeks prior to the course to cancel a registration and receive a full refund. Cancellations in writing after that time will receive a 75% refund. No refunds will be given for cancellations one week (7 days) prior to a course.