



2020 Eagle Hill Natural History Science Seminars . . .
. . . on the coast of eastern Maine

WETLAND IDENTIFICATION, DELINEATION AND ECOLOGY

Rick Van de Poll and Joseph Homer
July 12 - 18, 2020

This intensive training is based in large part on the U. S. Army Corps of Engineers Wetlands Delineation Manual (1987) and regional Supplement: Northcentral and Northeast Region (2012). The seminar covers the basic requirements for delineating wetlands as specified by the Corps of Engineers. Classroom instruction will cover background information on soils, plants, and hydrology and the methods used to identify them. Special emphasis will be placed on hydric soil morphology, hydrophytic vegetation quantification, and wetland hydrology recognition, as well as the completion of Army Corps data forms. In the field, participants will identify and classify wetlands in a variety of settings and use the three parameter approach to determining wetland boundaries. Successful completion of this seminar will provide participants with a sound base of knowledge in wetland identification, classification, delineation and boundary mapping, as well as a solid understanding of how wetlands relate ecologically to the surrounding landscape.



about the instructors

Rick Van DePoll (rickvdp@gmail.com) is the principal of Ecosystem Management Consultants (EMC) of Sandwich, New Hampshire and is a Certified Wetland Scientist (#110) in the state of New Hampshire. Since 1988, Dr. Van de Poll has conducted wetland delineations and wetland assessments on over 350,000 acres in 102 towns. He is the past Chairman of the NH Joint Board of Natural Scientists, and has taught various wetland courses at the graduate, undergraduate, and high school level, including Wetlands Science and Policy, Wetlands Flora, and Wetlands Identification. He is the senior wetland scientist author of the 'NH Method' (www.nhmethod.org 2015, 3rd edition) and offers training workshops around the region with the other co-authors. He is a charter/life member of the NH Association of Wetland Scientists (now NHANRS), and was on the Board for 6 years as Education & Research Committee Chair and Vice-President. He currently sits as the Chair and NH Association of Conservation Commissions representative on the NHDES Aquatic Resource Mitigation Fund's Site Selection Committee.

Joe Homer (bathome@ne.rr.com) served as the New Hampshire State Soil Scientist for the USDA-Natural Resources Conservation Service. Retired after more than 33 years with the NRCS, Joe has performed and managed mapping and field work in New England, with additional work in New Mexico, Arizona, Texas, Oregon and Minnesota. He also served as Field Soil Scientist, Soil Survey Project Leader, and Assistant State Soil Scientist in NH. Joe is the author of the Grafton County and Coos County (NH) Soil Survey Reports. He conducted hydric soils and wetland identification and delineation for USDA in NH, and trained federal and state agency staff as well as New England consultants. Joe is a member of the New England Hydric Soils Committee, and the Regional Working Group for the Regional Supplement to the Corps of Engineers Wetland Delineation Manual for the Northcentral and Northeast Region. He received his degree in Soils and Environmental Conservation from the University of New Hampshire.