



**ANNOUNCEMENT**  
**2-DAY CLASSROOM AND FIELD SEMINAR ON**  
**REGIONAL SUPPLEMENT, HYDRIC SOIL INDICATORS AND WETLAND**  
**DELINEATION DATA FORMS**

**Hydric Soil Indicators and  
Regional Supplement to the Corps of Engineers  
Wetland Delineation Manual**

***Eastern Mountains and Piedmont Region v2.0***

**U.S. Army Corps of Engineers**

**DATE:** Thursday August 18, 2022 **AND** Friday August 19, 2022

**TIME:** Thursday 8:00 AM to 8:30 AM – Registration, Seminar till 4:00 PM  
Friday - 8:30 AM to 4:00 PM – Class and Field (Directions given on Thursday)

**WHERE:** (Thursday – Class) Monroe Twp Bldg, 1220 Boiling Springs Rd, Mechanicsburg, PA  
(Friday – Field) Cumberland County SGL 230

**PRICE:** \$150 PAPSS MEMBERS / \$200 NON-PAPSS MEMBERS

**Includes:**

**“Soil-Field Indicators of Hydric Soils in U.S.” Ver 8.0 (WITH ERRATA)**

**Thursday - Coffee and Danish, lunch**

**Friday - Box Lunch with Soft Drinks**

**SPEAKERS:** Frank Plewa, U.S. Army Corps of Engineers  
USDA NRCS staff soil scientists, PAPSS soil scientists





## **REGIONAL SUPPLEMENT, HYDRIC SOIL INDICATORS AND WETLAND DELINEATION DATA FORMS**

### **AGENDA – August 18-19, 2022**

#### **Thursday, AUGUST 18, 2022**

##### **8:30a.m. – Classroom Instruction**

8:30 to 8:45	Introductions	
8:45 to 9:45	1987 Manual and Regional Supplements Three Parameters (Frank's 6 parameter approach)	Plewa (ACOE)
10:00 to 11	Hydric soil formation and geochemistry	Bourgault (Bloomsburg Univ)
11 to noon:	Hydric soil indicators	(NRCS)

##### **LUNCH**

##### **\*PM –**

##### **Classroom Instruction**

1 to 2pm	Hydrology	(ACOE)
2 to 2:30 pm	Problematic Sites and Chapter 5	(ACOE)
2:30 to 3:00	Break	
3 to 3:30	Problematic Soils	(NRCS)
3:30 to 4pm	Field Documentation (ACOE)	

#### **Friday, AUGUST 19, 2022**

##### **8:30a.m. – Field – State Game Lands 230 - Site A Parking 40.272, -77.190**

- Field Data Sheets
- Vegetation ID
- Soil Descriptions
- Hydrology

##### **LUNCH**

##### **\*PM – Field Instruction – SGL 230 - Site B Parking 40.2705, -77.1924**

- Field Data Sheets
- Vegetation ID
- Soil Descriptions
- Hydrology

**\*Schedule subject to change depending on weather – might switch things around with field.  
Be prepared to go to field on both days if need be.**

## What should you bring to this workshop?

Participants should bring drinks and snacks for the field. Lunches and coffee break items will be provided. Please come prepared for normal field conditions including rain. Field sites will range from dry to very wet so several types of footwear are recommended. These sites will likely have all of the normal field hazards such as ticks, mosquitoes, poison ivy, etc., so please be prepared.

Participants are responsible for bringing their own field gear needed to perform a field inspection. In addition, it is recommended that you obtain and bring items such as: 10X hand lens, knife and pruners for examining plants and a Munsell soil chart, and your favorite plant identification references or phone apps. We will have some of these items available but the supply is limited.

Lastly, please bring a copy of the following documents:

1. **Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountain and Piedmont (Version 2)** A copy may be downloaded from the following link: [http://www.usace.army.mil/Missions/CivilWorks/RegulatoryProgramandPermits/reg\\_supp.aspx](http://www.usace.army.mil/Missions/CivilWorks/RegulatoryProgramandPermits/reg_supp.aspx)
2. **2020 National Wetland Plant List v3.5** We recommend you download the plant list. Use the link below, then on the left-hand side of the webpage click on 'Download Plant Lists'. You will have to figure out the instructions on how to use the NWPL mapper tool and filter for a Pennsylvania list which has ratings for species in all three regional supplements used in PA. Or you can submit a request for just the region you will be in (ex. EMP). If your computer has the booklet print option for PDFs, you can reduce the number of pages and create a pocket size version to carry in the field. [NWPL Home v3.4-f9c \(army.mil\)](#)

**PAPSS can provide hard copies of the Regional Supplement if ordered by August 5, 2022**  
Regional Supplement EMP (v2): \$50



**Registration Form**

**REGIONAL SUPPLEMENT, HYDRIC SOIL INDICATORS AND WETLAND  
DELINEATION DATA FORMS**

**Thursday, August 18, 2022 AND Friday, August 19, 2022**

PAPSS MEMBERS **\$150.00**   
NON-PAPSS MEMBERS **\$200.00**   
Regional Supplement EMP **\$50** (or bring your own)

TOTAL \_\_\_\_\_

Name: \_\_\_\_\_

Company/Agency: \_\_\_\_\_

Address1: \_\_\_\_\_

Address2: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_

email: \_\_\_\_\_

**Register by August 12, 2022! We will confirm your registration by email.**

Mail Registration and check (PAYABLE TO "PAPSS"):

Sue Miller/ PAPSS  
1130 Boiling Springs Road  
Mechanicsburg, PA 17055  
email: [Sue6951@aol.com](mailto:Sue6951@aol.com)

**A Block of rooms has been reserved for August 17 & 18, 2022  
at the Best Western at 1155 Harrisburg Pike, (Route 11) Carlisle, PA 17013  
at the group rate of \$95 per night plus tax..  
Please contact them at (717) 243-6200 TO GET THE GROUP RATE, YOU MUST  
MAKE YOUR RESERVATION BEFORE TUESDAY, AUGUST 2, 2022.  
YOU MUST ALSO TELL THEM THE ROOMS ARE RESERVED UNDER PAPSS!**

**This special rate cannot be guaranteed after August 2, 2022!!!  
Make your reservations early!!!!!!!!!!!!!!!!!!!! \*\*\*\*\***

**Other hotels in the Carlisle area:**

**Super 8/Wyndham  
100 Alexander Springs Road  
Carlisle, PA  
(717) 245-9898**

**Holiday Inn  
1152 Harrisburg Pike (Rt. 11)  
Carlisle, PA  
(717) 240-0080**

**Hampton Inn  
1164 Harrisburg Pike  
Carlisle, PA  
(717) 240-0200**

**Econolodge  
1252 Harrisburg Pike  
Carlisle, PA  
(717) 243-8585**

**Quality Inn  
1825 Harrisburg Pike  
Carlisle, PA  
(717) 245-2242**