



**Hydric Soil Indicators and Special Topics in Wetland
and Soil Science Field Seminar for Western PA
May 31, 2013 (Revised 4/4/2013)**

**Powdermill Nature Reserve
1847 Route 381
Rector, PA, (Westmoreland County)
(724) 593-4070**

DATE: Friday, May 31, 2013 Room capacity is limited; First come, First served!

TIME: 8:00 a.m. to 8:30 a.m. Registration
8:30 a.m. – 4:00 p.m. Technical Reviews, Presentations and Field Instruction
Rain or shine (bring wet weather gear & waterproof boots)

WHERE: Powder Mill Nature Reserve

Powdermill was established in 1956 to serve as a field station of Carnegie Museum of Natural History for long-term studies of natural populations—their life histories, behaviors, and ecological relationships.

PRICE: \$150 PAPS MEMBERS / \$200 NON-PAPS MEMBERS
Includes morning coffee, lunch, afternoon snacks, printed materials.
Includes NRCS printed Field Indicators (7.0) A certificate will be awarded.

Instructors

- **Dr. William Mitsch, Eminent Scholar and Director, Everglades Wetland Research Park
Juliet C. Sproul Chair for Southwest Florida Habitat Restoration and Management
Florida Gulf Coast University**
- Mallory Gilbert, PWS, CPSSc, CPESC; Gilbert Environmental



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PAPSS MEMBERS - \$150.00

NON-PAPSS MEMBERS - \$200.00

Pre-order a copy of the Regional Supplement (optional) \$30

Name: _____

Company/Agency: _____

Address1: _____

Address2: _____

City, State, Zip: _____

Telephone: _____

E-mail: _____

We will confirm your training date by email.

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

**Sue Miller/ PAPSS
1130 Boiling Springs Road
Mechanicsburg, PA 17055
email: Sue6951@aol.com**

Please note

**There are additional Hydric Soil Indicators seminars in NE PA on April 24 and 25.
Additional information and registration may be found at: www.papss.org**

We will have printed copies of *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountains and Piedmont Region (Version 2.0) U.S. Army Corps of Engineers April 2012* (\$30 for printed, spiral bound)

Hotels

A block of rooms have been reserved for PAPSS at the Ramada Inn located in the historic town of Ligonier with a group rate of \$99.00. The hotel is located at:

Ramada Ligonier: 724-238-9545

16 West Loyalhanna Street, Ligonier, PA 15658

Web site: ramadaligonier.com

Full service hotel. Complete smoke free facility. Beautiful guest rooms and suites, free hot breakfast, outdoor pool and fitness room, Bistro Bar.

A hotel with similar rates, but no discount is:

Ligonier Country Inn: 724-238-3651

1372 Route 30 East, Laughlintown, PA 15655

Web site: ligoniercountryinn.com

Full service inn. Traditional American cuisine. Fireplace, bar and dining areas. Meticulously decorated guest rooms and cottages. Banquet facilities for up to 350 guests. We also feature cross country ski, snowshoe and mountain bike rentals! We are conveniently located on Route 30, 3 miles East of Ligonier.

General Location Map



Instructor's CVs

Mallory N. Gilbert is a private consultant with more than thirty-five years of professional plant science, natural resources management, wetlands, and soil science experience. He holds a Bachelor of Science degree in Forestry and Forestry Facilities Design (1972) and a Master of Science degree in Agronomy/Soil Physics (1975), both from the University of Connecticut. Mr. Gilbert has taught numerous college level courses in soil science, agronomy, natural resource management, and wetland science. His lecture/training topics include introductory soils, soil taxonomy, soil/plant relationships, field botany, hydric soils, wetland identification and delineation, wetland ecology and functional analysis, mitigation of wetland impacts, functional design of constructed wetlands, construction techniques for replacement wetlands, planning and use of constructed wetlands in remediation projects, and use of both the *1989 Federal Manual for Identifying and Delineating Jurisdictional Wetlands* and the *1987 Corps of Engineers Wetlands Delineation Manual*.

William J. Mitsch is Eminent Scholar and Director, Everglades Wetland Research Park, and Juliet C. Sproul Chair for Southwest Florida Habitat Restoration and Management at Florida Gulf Coast University, Naples Florida. He is also Professor Emeritus at The Ohio State University after a career there as Distinguished Professor and Director of the Olentangy River Wetland Research Park. He received his B.S. in engineering at the University of Notre Dame and a Ph.D. in systems ecology at the University of Florida. He taught at the Illinois Institute of Technology and the University of Louisville before coming to The Ohio State University in 1986.

Professor Mitsch's research and teaching have focused on wetland ecology and biogeochemistry, wetland creation and restoration, ecological engineering and ecosystem restoration, and ecosystem modeling. He has presented over 400 invited scientific presentations and short courses in the last 25 years throughout USA and in over 25 countries. He has authored or co-authored over 500 papers, reports, and other publications, and has co-authored or co-edited 17 books, including four editions of the reference book/textbook *Wetlands* and two versions of *Ecological Engineering*. He has advised over 70 graduate students and 10 post-docs and is founder and editor-in-chief of the international journal *Ecological Engineering*. The 20-ha **Olentangy River Wetland Research Park** at The Ohio State University, started in 1991, was declared the USA's 24th Ramsar Wetland of International Importance in 2008.

Directions

Powdermill Nature Reserve is located in Rector on Route 381 in Cook Township, Westmoreland County, Pennsylvania. Powdermill is 55 miles east of Pittsburgh, off the Donegal and interchange of the Pennsylvania Turnpike.

From the North

At the intersection of Route 30 and Route 711 in Ligonier, PA, take route 711 south 3.3 miles to the Rector/Darlington intersection. There are signs there for Powdermill Nature Reserve and Linn Run State Park. Turn left toward Rector and go 1 mile. At the bottom of the hill, before going over the bridge, turn right on to Route 381 South. Follow Route 381 South for 3.3 miles to the Nature Reserve headquarters.

From the PA Turnpike

Take the Donegal Exit #91. After exiting the turnpike tollbooth, turn left onto Route 31 heading east. Follow Route 31 east for 2.7 miles. Turn left onto Route 381 North. Follow Route 381 North for 6.4 miles to the Nature Reserve headquarters.

Map and Survey for the Powdermill Seminar Site

