

JUNE 6TH & 7TH, RESTON, VA

SOIL MORPHOLOGY CLASS:

SCHEDULE

Thursday, June 6th

8:30 – 9:00: Registration and coffee

9:00 – 12:00: Overview of Soil Genesis, Variability, Morphology and Redox Processes

12:00 – 12:45: Lunch, Informal Q&A, and Networking

12:45 – 2:15: Morphology, Water Table Determination, and Stormwater BMP Designs

2:15 – 4:30: Group Trip to Local Soils Pit

Friday, June 7th

8:00 – 8:15: Convene at Reston Association Headquarters

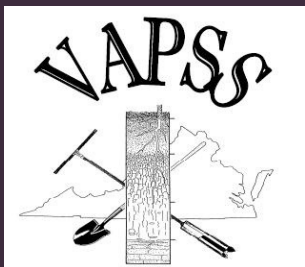
8:15 – 12:00: Guided Tour of Reston Soil pits
12:00 – 1:00pm: Lunch

1:00 – 3:00: Guided Tour of Reston Soil Pits

3:00 – 5:00: Certification Test for Professional Engineers

Reading the soil's clues to determine water table depth & the proper design of stormwater BMPs

The design of stormwater infiltration BMPs - raingardens, infiltration trenches, and porous paving - depends on the depth to the water table. This depth can be estimated by interpreting clues provided by soil morphology: the visible traits and conditions of the soil. In this technical class, experts from Virginia Tech, NC State, and local government will describe the morphology of local soils; how observable traits can be used to determine water table presence; and how this affects BMP design. Participants will then practice in the field at soil pits. Professional Engineers with geotechnical experience who pass the final exam are certified to determine water table heights for BMP design year-round in Fairfax and Loudoun Counties. Non-certified engineers must wait for certain seasons or exceptionally wet periods. Registration includes lunch and refreshments.



Registration Form

2019 Soil Morphology Class

June 6-7, 2019

Reston Association Offices,

12001 Sunrise Valley Drive, Reston, VA 20191

Class Fee: \$200 by May 17; \$225 after

Name: _____

Company: _____

Address: _____

City _____ State ____ Zip: _____

Phone - Work: _____ Cell: _____

Email: _____

Check #: _____ Amount:\$ _____

Paid on PayPal at

http://vapss.org/Make_Payment_via_PayPal.html

Questions? Contact Dan Schwartz of the Conservation

District Dan.Schwartz@Fairfaxcounty.gov , (703)-324-1422

Payment must be made prior to the meeting to assure seating and lunch availability.

No cancellations/refunds after May 24. Cancellations are subject to a \$25 processing fee.

Make checks payable to VAPSS (Virginia Association of Professional Soil Scientists)

or pay via PayPal on the [VAPSS website](http://vapss.org)

and mail registration form to:

Jeff Miller: Vapss@vapss.org , (540) 382-7310

Jeff Miller, VAPSS

383 Coal Hollow Rd

Christiansburg, VA 24073-6721

Interested in more information or joining the Virginia Association of Professional Soil Scientists?

Go to: www.vapss.org