

Soil Workshop: Evaluating and Improving Soil Quality

When: Daytime or evening course being offered

Daytime class: Monday March 4, 9am-2pm (lunch provided)

Evening class: Tuesdays March 5 and 19, dinner 5:30pm, class 6-8pm

Location: Somerset County Extension Office

30730 Park Drive, Princess Anne, MD

*Free program, meals included!

Register or request special accommodations at:

410-651-1350/shirsh@umd.edu or at

[https://www.eventbrite.com/e/soil-workshop-](https://www.eventbrite.com/e/soil-workshop-evaluating-and-improving-soil-quality-tickets-54532333678)

[evaluating-and-improving-soil-quality-tickets-54532333678](https://www.eventbrite.com/e/soil-workshop-evaluating-and-improving-soil-quality-tickets-54532333678)



Edwin Remsberg & USDA-SARE



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Program:

How soil fertility and plant growth is related to soil properties (45 min)

This session will discuss soil properties such as parent material, texture, compaction, pH, etc and how they influence soil fertility.

Improving soil quality using conservation practices such as cover crops and no-till (60 min)

This will include a discussion of soil conservation practices as well as hands-on demonstrations of soil infiltration, run-off, and performing soil stability tests on various soil samples.

Using online soil resources including Web Soil Survey, UC Davis Soil Web, Maryland iMap, and One Soil (60 min)

This session will be interactive, and participants will be provided with a Google Chromebook to practice using these computer programs to better understand their soil and make informed crop management decisions.

Taking soil samples (30 min)

A soil test report for a whole field is based on the analysis of a teaspoonful sample of soil. Information from soil test reports can *only* be as accurate as soil sampling. This session will discuss how to take soil samples using a spade or a soil probe, best practices for assessing in-field variability and taking representative soil samples.

Understanding and interpreting soil test reports (45 min)

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