

Important Information - Soils

Soils Objectives

Study soils – from the ground down. Work with soil scientists and conservationists to learn more about the importance of soils in the natural (and unnatural) world. You'll be getting your hands dirty!! Brush up on basic soils skills, learn about earthworms, examine a soil pit, participate in a mock Envirothon soil station exam, and hone your map reading skills. Soils are a high valuable, non-renewable natural resource, yet it is often overlooked.

Study Materials

If your school team participated in the Envirothon in the past and you have some soils study materials already, you may need to update some of the material. The CT Envirothon website under Study Guides – Soils (located here http://ctenvirothon.org/?page_id=71), hosts all of the basic and additional soils study materials.

Soils Workshop

The 2018 soil workshop for Envirothon students will be at:

**Tolland County Agriculture Center
24 Hyde Avenue
Saturday October 27, 2018
9AM to NOON**

- A. The workshop will begin with a presentation on the current issue: Agriculture and the Environment: Knowledge and Technology Feed the World.
- B. We will then break into groups and rotate through 4 hands on sessions. Be prepared to spend time outdoors looking at soil. You will get dirty (that's a good thing)!
 - 1. Soil pit – describing and interpreting soils
 - 2. Soil texture, color, and invasive worms
 - 3. Map reading, soil surveys, interpretations, and the soil catena chart
 - 4. Current Issue - Agriculture and the Environment: Knowledge and Technology Feed the World

Soil Station Leader

Please feel free to call or email me with soils questions.

Debbie Surabian, State Soil Scientist CT/RI

United States Department of Agriculture – Natural Resources Conservation Service

Phone: (860) 871 – 4042

Email: Debbie.surabian@ct.usda.gov