

# SOILS: Back to Basics

Register to learn about proper site evaluations and system design. Recommended for those new to soil science or those who need a refresher. Class will be taught by experts from the USDA Natural Resources Conservation Service (NRCS). SE/SI credits will be available.

**November 15, 2022**  
**8:00 AM - 3:45 PM**  
**Newton, MA**



## AGENDA

8:00 – 8:30 AM	Registration - Coffee & Muffins provided
8:30 – 8:45 AM	<b>Welcome and Introductions</b> Alyssa Rusiecki, UMASS, YOWA President
8:45 – 9:15 AM	<b>Big picture – why are soils important and why are soil evaluations important to on-site wastewater design?</b> Maggie Payne, USDA Natural Resources Conservation Service (NRCS)
9:15 – 10:00 AM	<b>Understanding the land, landforms, and associated soil types</b> Maggie Payne & NRCS Staff
10:00 – 10:15 AM	Break
10:15 AM – 12:00 PM	<b>Soil Descriptions – Texture, color, structure, consistence, % aggregate and water table evaluation</b> Maggie Payne & NRCS Staff
12:00 – 1:00 PM	Lunch (provided)
1:00 – 1:30 PM	<b>Perc Testing and Alternative Perc Tests</b> Alyssa Rusiecki, UMASS and Dan Ottenheimer, Mill River Consulting
1:30 – 3:30 PM	<b>"Hands-On" Stations</b> (Color and redox features; textures; % aggregate; structure and consistence)
3:30 – 3:45 PM	Questions, wrap-up and evaluations

**Register Online: <https://www.yankeeonsite.org>**  
**5.5 TCHs Credits Approved for SE/SI. Credit Cards Accepted**

Registration Rates: YOWA Members \$100; Non Members \$160  
Registration includes: Coffee, muffins and lunch. This in-person training will be held at UMASS Mt. Ida Campus, 100 Carlson Ave, Newton, MA 02459  
Questions: Contact [yankeeonsite@gmail.com](mailto:yankeeonsite@gmail.com) or 781-939-5710



**IN-PERSON  
TRAINING**