

Using the New Rhode Island Site Specific Soil Mapping Guide

November 15, 2007

Coastal Institute Weaver Auditorium, URI Kingston Campus
8:00 AM – 12:30 PM

AGENDA

7:30 Registration

8:00 Welcome and logistics

George Loomis, Director New England Onsite Wastewater Training Center

8:10 What to Map – Principal soil characteristics identified in soil maps

Mark Stolt, Soil Science Professor, URI Natural Resources Science Department

- Describes the most important factors mapped in site specific soil surveys.
- Provides background research on variability of soil factors, including high water table fluctuations and additional field methods available to verify seasonal high water table.

9:15 RI Soil Survey Updates

Jim Turenne, State Soil Scientist, USDA Natural Resources Conservation Service

- Scale and accuracy issues
- Revisions to the 26 year old paper survey - current and planned
- Accessing data on the NRCS web and RIGIS
- Appropriate applications of RI data and need for site specific mapping

10:00 Break

10:15 Site Specific Soil Mapping Standards and Procedures

Mark Stolt, Soil Science Professor, URI Natural Resources Science Department

- Overview of the field survey method
- Selecting codes for soil characteristic and the descriptive soil legend
- Presenting results using data tables and maps.

11:00 Interpreting and using RI Site Specific Soil Mapping

Lorraine Joubert, Director, URI Cooperative Extension NEMO program

- Need for soils data in local land development applications.
- Site conditions and project types where site specific data is most useful.
- Interpreting and displaying site specific survey results.

11:40 Viewpoints from the field

Jeffrey Peterson, Senior Soil Scientist, Vanasse Hangen Brustlin, Inc.

Justin Jobin, Environmental Scientist, Jamestown Public Works

Pat Nickles, Town Planner, North Kingstown Planning

Ray Nickerson, Environmental Planner, South Kingstown Planning

Using local examples and case studies, a panel of consulting soil scientists and municipal officials will discuss:

- Current methods used to assess soil conditions,
- Local need for site specific information and current requirements,
- Applications for site specific mapping.

Open discussion to follow

12:30 **Adjourn**