



Society for Risk Analysis New England Chapter

2014-2015 Event Series

MEETING ANNOUNCEMENT

Tuesday, April 7, 2015

Buffet Dinner: 6:30 pm – 7:00 pm

Presentation & Discussion: 7:00 pm – 8:00 pm

EVALUATING WETLANDS DOESN'T HAVE TO BE RISKY BUSINESS

PRESENTATION 1

**PAUL MCMANUS, LSP, PRESIDENT
ECO-TEC, INC.**

PRESENTATION 2

**STEPHEN CLOUGH, PHD, SENIOR TOXICOLOGIST
HALEY & ALDRICH, INC.**

Location

The Westin Waltham Boston Hotel
70 Third Avenue
Waltham, MA 02451

Please RSVP by Friday, April 3rd to Aylin Sertkaya (aylin.sertkaya@erg.com). Meeting attendance is free for SRA-NE members.

Space is limited, so please reserve your seat today. For more information on SRA-NE, please go to:
www.sra.org/sra-ne.

This event is being co-sponsored by the LSP Association (LSPA). For more information on LSPA, please visit www.lspa.org





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PRESENTATION 1

The Massachusetts Contingency Plan (MCP) requires that site-related constituents not pose a significant risk to environmental receptors, which are assessed via a Method 3 risk assessment under Chapter 9. Most LSPs are familiar with the risk assessment process for OHM in soil and groundwater, which are often screened using Method 1 Risk Assessment guidelines. Method 1 Standards, however, do not exist for the characterization of ecological risk, i.e., estimating the hazard that contaminated surface water or sediment may pose to fish and wildlife. Chapter 9 of the MCP provides a two-tiered framework for environmental risk assessment (Stage I and/or Stage II “Environmental Risk Characterization”). This presentation focuses on environmental risk characterization under the MCP. Over the course of 35 minutes, Mr. McManus will provide: an introduction to the environmental risk assessment process under the MCP, information on identifying environmental pathways and receptors, an explanation of the distinction between soil and sediment (often an area of confusion by LSPs), and considerations for ecological sampling. He will also briefly discuss recent changes to the Massachusetts Wetland Regulations regarding the jurisdiction of stormwater basins.

PRESENTATION 2

Dr. Clough’s 20-minute presentation will cover several MCP case studies that highlight the value of the consideration of bioavailability and how sediment toxicity tests (specifically, the Sediment Quality Triad approach) can, more often than not, save time, money and effort.



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GETTING TO THE EVENT

Directions to The Westin Waltham Boston Hotel can be found [here](#).

Via Commuter Rail:

The downtown Waltham train stop is just five miles from the hotel. From there, guests can travel by rail to North Station in downtown Boston.

Driving Directions

From East

- Take Interstate 95
- Take Interstate 95 North to Exit 27A (Totten Pond Road).
- Go over the bridge.
- Turn right onto 3rd Avenue at the first set of lights.
- The hotel will be on the left.

From West

- Take Interstate 90/Massachusetts Turnpike to Route 95 North.
- Take Exit 27A (Totten Pond Road).
- Turn right onto 3rd Avenue.
- The hotel will be on the left.

From South

- Take Route 84 East to Interstate 90 (Massachusetts Turnpike).
- Continue to Interstate 95/Route 128 North and take Exit 27A (Third Avenue).
- Turn right onto 3rd Avenue.
- The hotel will be on the left.

From North

- Take Interstate 95 South to Exit 27A (Totten Pond Road).
- Turn right onto 3rd Avenue.
- The hotel will be on the left.

Parking

Daytime self parking is complimentary at the hotel.