



Society for Risk Analysis
New England Chapter

2017-2018 Event Series

MEETING ANNOUNCEMENT

PLEASE NOTE THE NEW DATE

LSPA and SRA-NE Present:
Oil and Sediments Toxicity:
Characterizing an Oil Site

Jerome J. Cura, Ph.D.
Senior Environmental Scientist
Woods Hole Group

Tuesday April 24th, 2018 from 6:00-8:15pm

6:00pm Registration, Buffet Dinner, Networking
6:45pm Welcome, Announcements, and Introductions
7:15pm Program Begins
8:15pm Adjourn

Location

Holiday Inn Taunton-Foxboro
700 Myles Standish Blvd
Taunton, MA 02780

To register for this event, SRA-NE members should visit: <http://www.lspa.org/lspa-meetings>
and use discount code "SRA_Member" on the payment page for free registration.



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About the Presentation

The one hour presentation will focus on characterizing "oil sites" and include discussion of:

- The key characteristics of an oil site;
- Guidance documents focused on what to expect and how best to assess conditions at these sites (USEPA 1999; 1988);
- Toxicity at oil-contaminated sites, including some oil-related benchmarks from scientific literature; and
- A review of data from a recently sampled oil-contaminated site in an urban marine environment that demonstrates:
 - The best correlate with toxicity from among a wide range of contaminants of concern in bulk sediment is some measure of oil concentration (e.g. TPH, DRO);
 - Areas where toxicity tests indicated some observation of visible oil (sheen, oil droplets) and spatially correlate with highest levels of toxicity; and
 - How cleaning up TPH at the site would likely capture the other chemical specific contaminants of concern.