# SESSION

# ASTM E3242 - Standard Guide for Determination of Representative Sediment Background Concentrations

## TUESDAY 19 SEPTEMBER

## 14.30 – 15.30 CEST (Central European Summer Time)

**Opening**

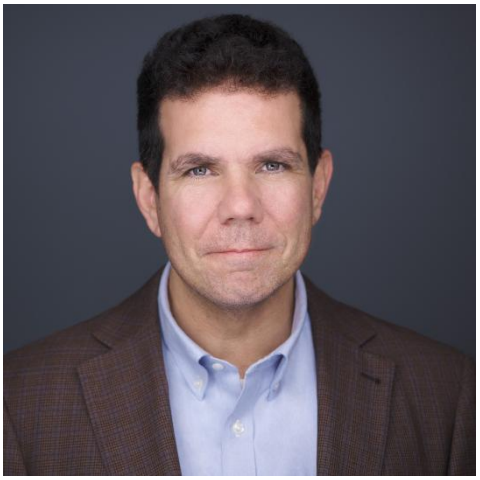
**14:30** Welcome from ASTM International and Remtech Europe
*Stephanie Fiorenza (ASTM International) Marco Falconi (ISPRA, Remtech Europe)*

**Presentations**

**14:35** ASTM E3242 - Standard Guide for Determination of Representative Sediment Background Concentrations
*Eric Litman (Newfields, ASTM International)*

**15:20** Questions and Answers
*Stephanie Fiorenza (ASTM International) Marco Falconi (ISPRA, Remtech Europe)*

**15:30** End of the training



Eric Litman

Register yourself in the Google form https://forms.gle/FUTUK7UFVDzcbYzn7

*BRIEF DESCRIPTION OF THE TRAINING*
*ASTM E3242 (one of thirteen sediment-focused ASTM guides) is focused on the determination of representative sediment background concentrations used for remedial actions performed under various regulatory programs. This guide provides a framework, including specific statistical and geochemical considerations, as well as case studies, demonstrating the approach to determine representative sediment background concentrations. The presentation will discuss how to apply the guidance to contaminated sediment sites where sediment data have been collected and are readily available, as well as addressing collecting additional data. At many sediments sites, contaminants/chemicals of interest that exceed risk-based thresholds have been identified and the established risk-based thresholds are low enough to pose corrective action implementation challenges, and/or the site is subject to recontamination from ongoing anthropogenic and/or natural sources that are not controlled. In both cases, representative sediment background concentrations are useful for determining the extent of corrective remedial actions (when used as remedial goals), evaluating risks posed by representative background concentrations, and establishing appropriate post-remedial monitoring plans.*