

Methyl-*tert*-butyl ether (MTBE) & Other Fuel Oxygenates Characterization & Remediation ½ Day Seminar

Description

This is a comprehensive ½ -day seminar style training course. The program is ideal for anyone interested in an objective, science-based education on MTBE and other fuel oxygenates assessment and groundwater remediation. Participants shall be introduced to a variety of MTBE and Other Fuel Oxygenates contaminated groundwater topics including, but not limited to: chemical, physical and characteristics; available remediation technologies; technology selection and sequencing; and processes for successful site assessment and remediation.

Course Instructors

	Joseph Haas	<i>Global Hydrologic Services, Inc.</i>
	Mike Hyman	<i>North Carolina State University</i>

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<u>Start</u>	<u>Time</u>	<u>Topic</u>	<u>Speaker(s)</u>
7:00	60 min	Registration	
8:00	45 min	Physical Properties & Analytical	Mike Hyman
8:45	15 min	Impact Investigation Strategies - Point of Impact vs Point of Release	Joe Haas
	15 min	Characterization Methods, Tools and the Influence of Volumetric Resolution and Time on Source & Plume Conceptualization	Joe Haas
	15 min	Site Characterization Tools and Case Study: “A Cost Effective Expedited Site Characterization Methodology (Triad Plus)”	Joe Haas
9:30	45 min	Biodegradation - Processes From Micro to Macro Scale - Influences on Contaminant Fate & Treatment System Design	Mike Hyman
10:15	15 min	(Break)	
10:30		In-Situ Remedial Techniques	
	15 min	Remedial Technology Overview	Mike Hyman
10:45	30 min	Example Application - AS/VES for Treatment of a Dissolved Plume of Mixed Fuel Oxygenates (Yaphank Case Study)	Joe Haas
11:15		Ex-situ Remedial Techniques	
	15 min	Remedial Technology Overview	Mike Hyman
11:30	30 min	Comparison of the 3 Ex-situ Treatment Systems / Technologies for Mixed Ethers and Alcohols (Hampton Bays Case Study)	Joe Haas
12:00		Q&A	Mike Hyman & Joe Haas