



EBC Site Remediation and Redevelopment Webinar In Situ Remediation – State of the Practice & New Developments

Tuesday, January 18, 2022

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RED TECHNOLOGIES, LLC
REMEDIATION, ENGINEERING & DEVELOPMENT

Program Co-Chairs:

Bob Bowden, Associate, Fuss & O'Neill, Inc.
John Haas, Regional Sales Manager, TerraTherm
Jonathan H. Schaefer, Partner, Robinson & Cole LLP

AGENDA

- 9:00 a.m. **Welcome:**
- David Foss, Chair, EBC Site Remediation and Redevelopment Committee
Senior Vice President – Principal Hydrogeologist, Wilcox & Barton, Inc.
- Program Introduction**
- Jonathan Schaefer, Program Co-Chair
Partner, Robinson & Cole LLP
- 9:10 a.m. **Thermal Remediation Treatment Technologies**
- John Haas, Program Co-Chair
Regional Sales Manager, TerraTherm
 - Gary Angyal, PE, LSRP, Vice President, Ramboll
- 9:50 a.m. **In Situ Reductive Dechlorination / ISCO Case Study**
- Jon Schaefer, Robinson & Cole LLP
 - Luke Whitehouse, Environmental Division Manager, Atlas Technical
 - Will Caldicott, Director of Remediation Technologies
ISOTEC Remediation Technologies, LLC

10:30 a.m. **Networking Opportunity**

10:45 a.m. **Break**

10:50 a.m. **Evaluating Multiple Technologies**

- Bob Bowden, Program Co-Chair
Associate, Fuss & O'Neill, Inc.
- Mike Scalzi, President, Innovative Environmental Technologies, Inc. (IET)

11:30 a.m. **Moderated Discussion**

Moderator: Bob Bowden, Fuss & O'Neill

Panel Members:

- Gary Angyal, Ramboll
- Will Caldicott, ISOTEC
- John Haas, TerraTherm
- Mike Scalzi, IET
- Luke Whitehouse, Atlas

12:00 p.m. **Adjourn**

PROGRAM CO-CHAIRS

Bob Bowden, Associate

Fuss & O'Neill, Inc.

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Bob is an Associate and licensed environmental professional (LEP) in Fuss & O'Neill's Manchester, Connecticut Environment & Facility Services Department. He is a hydrogeologist with over 30 years of experience, specializing in the investigation and remediation of soil and groundwater contamination at large industrial and commercial facilities with complex site use histories. He has performed and managed Phase I, II and III environmental investigations and/or remediation at several federal NPL sites, as well as at numerous sites that are subject to regulatory compliance under RCRA Corrective Action, the CT DEEP Property Transfer Program, and/or CT DEEP enforcement actions. Remedial activities that he has designed and managed include in-situ groundwater plume treatment, non-aqueous phase liquid (NAPL) removal, soil stabilization, underground storage tank (UST) removal, TSCA soil excavation and solid waste consolidation/landfilling.

John Haas, Regional Sales Manager

TerraTherm (a Cascade Company)

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John Haas is a Regional Sales Manager at TerraTherm where he works on projects with contaminants that include Petroleum Hydrocarbons, CVOCs, SVOCs, Creosote, MGP Waste, Pesticides, PCBs, 1,4-Dioxane, PFAS, and others. John is based in Massachusetts and reviews site-specific data received from clients to determine if a project is a technical and economic fit for thermal remediation. He works closely with TerraTherm's Technology Team to develop and present thermal remediation solutions to clients to meet their goals and objectives. John has been in the remediation industry for 36 years and has worked with companies that design and manufacture complex remediation and treatment systems, as well as having worked on the consulting side of the industry. He has been with TerraTherm since 2015.

Jonathan H. Schaefer, Partner
Robinson & Cole, LLP
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Jon Schaefer is a Partner in the Robinson & Cole's Environmental, Energy & Telecommunications Group. His practice focuses on environmental compliance counseling, permitting, site remediation, occupational health and safety, energy regulatory compliance and siting, and litigation related to federal and state regulatory programs. His experiences enable him to work effectively with experts and legal counsel to help clients minimize risk and solve compliance, enforcement, transactional, and regulatory matters.

SPEAKERS

Gary Angyal, PE, LSRP, Vice President
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Gary is a Vice President at Ramboll with over 30 years of professional engineering experience in environmental programs, regulatory strategy, and site remediation. He has been responsible for numerous in situ thermal remediation projects (stand alone and in combination with other technologies) and co-chairs Ramboll's in situ thermal practice area. He directs in situ thermal project planning, remedial design in coordination with technology providers, permitting, remedial action oversight, and attainment verification to achieve regulatory case closures.

Will Caldicott, Director of Remediation Technologies
ISOTEC Remediation Technologies, LLC
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Will is the Director of Remediation Technologies at ISOTEC with 25 years in the industry that consisted of limited consulting, but primarily vendor experience. His background is in inorganics and metal immobilization technologies, however he has been mostly focused on the treatment of organic constituents through his tenure at ISOTEC. Will is one of the managing directors and is responsible for evaluating sites, remediation design, project management and final document review. He is also responsible for identifying new synergistic technologies and services and then developing the business relationships that allow these tools to be incorporated into the ISOTEC toolbox.

Mike Scalzi, President

Innovative Environmental Technologies, Inc.
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Mike is President and founder of Innovative Environmental Technologies, Inc. (IET) and has been integral in expanding the application of in-situ remedial processes. IET was formed in 1998 as a resource for environmental consulting engineers. Since its inception, IET has applied a variety of remedial technologies to over 2,000 sites across the country. Included in these projects are over 250 dry cleaning facilities in Illinois, Indiana, Tennessee, New Jersey, New York, California and Pennsylvania; 30 oil terminals and distribution facilities; hundreds of closed chemical manufacturing facilities and landfills. Mr. Scalzi holds a Master's degree in microbiology from the State University of New York. He has also participated in the curriculum development for environmental professional programs, sat on numerous state and federal roundtables and advisory boards, developed curriculum for college programs in New York and Pennsylvania, holds patents in delivery and remedial processes, and has published numerous articles relating to his experiences and expertise. Mr. Scalzi is either the author or coauthor of 15 United States Patents and 5 pending United States Patents.

Luke R. Whitehouse, Environmental Division Manager

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Luke is a Environmental Division Manager at Atlas with 12 years of environmental consulting experience. He is responsible for managing and directing services to numerous Connecticut-based municipal and private industrial/commercial accounts. He is responsible for stormwater, TSCA and landfill compliance at over 12 Connecticut municipalities, provides account management of a large regional retail petroleum corporation, and provides Connecticut Property Transfer Program management of aerospace, textile and various other industrial-based facilities. He designs and implements remedial activities at petroleum, PCB, solvent and metal contaminated sites and has utilized MPX, SVE/AS, ISCR, ISCO, aerobic biodegradation and excavation strategies throughout Connecticut.