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LSPA 2025 Environmental Symposium

Sheraton Framingham, Framingham, MA

Planning for Climate Change: CSM, Risk Assessment, Remediation, AULs

April 15, 2025, 8:00 AM – 10:00 AM, Track 2

2.0 Technical Credits

INSTRUCTOR BIOGRAPHIES

Lisa McIntosh, DABT is a Principal Toxicologist at [Terraphase Engineering](#) in Massachusetts and brings over 25 years of experience in environmental consulting, specializing in human health and ecological risk assessment. Lisa, a board-certified toxicologist, combines her expertise in data analysis, risk assessment, environmental sampling, conceptual site model development, and ecological restoration to manage contaminated sites from initial assessment through cleanup. Lisa's technical skills are complemented by her experience as an effective public communicator for various stakeholders and as an educator for professional organizations. Lisa has worked on a wide range of contaminated sites managed under various state and federal environmental programs. She is actively engaged in scientific and regulatory communities through her participation, education, and leadership in professional organizations and technical workgroups.

Tracy Roth, PG is a Principal Hydrogeologist at [Terraphase](#) with more than 25 years of experience performing quantitative hydrogeologic evaluations for site characterization, remediation, geotechnical, and water resource projects. Ms. Roth specializes in the development and application of analytical and numerical modeling techniques to quantify groundwater flow and solute fate and transport.

Ms. Roth has assisted many clients with achieving favorable results for sites throughout the United States and abroad. She has used her modeling expertise to design and optimize groundwater extraction systems for remediation, water supply, and contaminated site redevelopment. She has developed and calibrated models in complex hydrogeologic settings to compare the effectiveness of remedial alternatives, including permeable reactive barriers, funnel and gate barrier systems, thermal treatment of contaminated soils, and monitored natural attenuation.

Ms. Roth is the Hydrogeologic Analysis and Modeling Discipline Leader at Terraphase and lead Hydrogeologist conducting sea level rise (SLR) vulnerability assessments (SLRVAs) and Adaptation Plans at multiple sites in California for a variety of clients including municipalities, developers, and responsible parties for remediation sites.

Duff Collins, LSP at [Woodard & Curran](#). Duff has over 35 years of environmental consulting experience managing and conducting field investigations, feasibility studies, and remediation activities at hazardous waste sites for clients in the private and public sectors. He joined Woodard & Curran in 1996, first assisting the firm's expansion into Massachusetts by driving growth of the newly privatized LSP services in our Site Remediation business and subsequently into New Jersey and across the country. Duff is a former Chair of the LSPA's Loss Prevention Committee & Technical Practices Committee, and a former Director and Past President of the LSPA. Active in Loss Prevention and Technical Practices groups to this day. He supports our LSPA Executive Director and Board with the annual LSPA Steering Committee meeting as champion & coach. In his practice, he manages a full suite of environmental remediation services, regulatory compliance audits and compliance support services, expert litigation support and testimony, primarily for large industrial and municipal clients along with major financial, insurance, and asset management clients. Duff focuses his practice on identifying and applying risk management tools and criteria to complex hazardous waste site investigations, cleanups, and liability evaluations. He is Principal-In -Charge and provides technical direction and oversight for several of the firms largest site remediation projects.