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LSPA 2026 Environmental Symposium

Renaissance Framingham Hotel & Conference Center, Framingham, MA

Next-Generation Bioremediation: Plants, Microbes, and Fungi at Work

April 9, 2026, 8:00–9:30 AM, Track 2

1.5 Technical LSP Credits (LSP #1913A) and 0.75 CT LEP Credits (CTLEP-644)

NY PE and NY PG Credits - PENDING

INSTRUCTOR BIOS

Kirby Gimson is a remediation project manager with [Intrinsyx Environmental](#) and holds a Bachelor of Science in Geosciences from West Chester University of Pennsylvania. She has over 14 years of professional experience in environmental consulting, including extensive work at ERM. Ms. Gimson's background includes supporting site investigation, remediation, and compliance projects across the Northeastern and Mid-Atlantic United States, as well as project management and technical support roles based in Johannesburg, South Africa. This combination of field, office-based project delivery, and international experience has contributed to a broad understanding of environmental remediation practices and regulatory frameworks. Throughout her career, Ms. Gimson has progressed from field-based investigation roles to leading complex remediation projects and supporting clients with liability evaluation and risk-based decision-making across multiple industrial sectors, with particular emphasis on the Oil & Gas sector. She has also held technically focused roles involving contaminant fate and transport evaluation and quantitative human health and ecological risk assessment. In recent years, Ms. Gimson's work has increasingly focused on sustainable remediation approaches, with an emphasis on phytoremediation and other nature-based solutions. Her experience includes evaluating site suitability for phytoremediation applications, integrating plant-based remediation strategies into remedial design frameworks, and supporting the implementation of phytoremediation as a complementary or alternative treatment approach. Through this work, she seeks to advance practical, science-based applications of green remediation technologies that align environmental performance with long-term site sustainability goals.

Sang Hyun Lee, PhD, is an Assistant Professor the [Microbiology Department at the University of Massachusetts \(UMASS\) Amherst](#). Dr. Lee earned his BSc in Environmental Engineering Sciences in 2010 from University of Florida, followed by a MSc (2012) from Korea Advanced Institute of Science and Technology (KAIST) and a PhD (2017) in Chemical and Biological Engineering from Seoul National University. Prior to joining UMASS, Dr. Lee worked as a post-doctoral researcher at the Korea Institute of Science and Technology and at the University of Minnesota. Dr. Lee was born and grew up in South Korea. Apart from work, he enjoys playing tennis and loves tasting and cooking new recipes from different cuisine.