Innovative Environmental Solutions in Our New World

AN AECOM ENVIRONMENTAL WEBINAR SERIES
APRIL WEBINARS
Thursday, April 14th, 2022 • 1:00 p.m. ET
Mitigating Disease Spread in the Workplace: Lessons from the COVID-19 Pandemic

Even before COVID-19, infectious diseases led to millions of worker absences every year. This webinar will discuss disease-causing microbes and the best practices to mitigate their spread as we move into our new normal in a world with endemic COVID. Many workplaces are ending their remote working and requiring workers to return to in-office work. It is important to implement infectious disease policies and procedures to protect workers and include those policies in return-to-work plans.
Tuesday, April 26th, 2022 • 10:00 a.m. ET
Are Nature-Based Solutions Possible for PFAS?

Nature-based Solutions (NbS) represent both management systems and actions geared to protect, sustainably manage, and improve natural and enhanced ecosystems, while providing for improvements in biodiversity and the human condition. The basic tenant of NbS advances nature as a solution to many of humankind’s problems. Nature-based remediation focuses on identifying and enhancing existing systems, including biological systems, to help foster contaminant degradation. Per- and Polyfluoroalkyl Substances (PFAS) are problematic chemicals due to their recalcitrance and persistence in nature, combined with very low parts-per-trillion level toxicological thresholds for many of the compounds. Transference of PFAS into vegetation and other biota is well-documented. Recent bench-scale level studies have suggested that microbe-induced degradation of PFAS is possible. This presentation will provide an overview of current research on biologically-mediated PFAS remediation, including phytoremediation, mycoremediation, and ‘omics studies. Other novel applications will be discussed. This presentation will be technical, with advanced concepts on PFAS-plant interactions; only a brief overview will be provided on PFAS chemistry and behavior.
About AECOM

AECOM (NYSE: ACM) is the world’s trusted infrastructure consulting firm, delivering professional services throughout the project lifecycle – from planning, design and engineering to program and construction management. On projects spanning transportation, buildings, water, new energy and the environment, our public- and private-sector clients trust us to solve their most complex challenges. Our teams are driven by a common purpose to deliver a better world through our unrivaled technical expertise and innovation, a culture of equity, diversity and inclusion, and a commitment to environmental, social and governance priorities. AECOM is a Fortune 500 firm and its Professional Services business had revenue of $13.3 billion in fiscal year 2021.

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