

Innovative Environmental Solutions in Our New World

AN AECOM ENVIRONMENTAL WEBINAR SERIES
MAY WEBINARS



Wednesday, May 11th, 2022 • 11:00 a.m. ET

Getting Ahead of the PFAS Dilemma: DE-FLUORO™ Destruction Technology Advances

This presentation shares how AECOM's DE-FLUORO™ technology for PFAS destruction has progressed substantially in the last two years. DE-FLUORO™ uses electrochemical oxidation (EO) to defluorinate PFAS in liquid wastes, and presents a mobile, flexible, and effective technology for destroying these 'forever chemicals.' Advancing beyond the pilot phase, we now have one full-scale field demonstration completed and a second underway. Learn how the DE-FLUORO™ team has used results from our real-world trials and pilot demonstrations to design and build full-scale systems for either batch or flow-through treatment.



OUR SPEAKER: Rebecca Mora



REBECCA MORA is a Senior Environmental Engineer with over 23 years of research and development to advance environmental investigation and remediation. She specializes in design and implementation of innovative technologies, particularly for groundwater sites contaminated with emerging contaminants such as 1,4-dioxane, PFAS, perchlorate, hexavalent chromium, and chlorinated solvents. Ms. Mora is a Principal Investigator or Technical Lead on several DOD-funded research projects related to 1,4-dioxane and PFAS remediation approaches. She also specializes in the use of molecular diagnostic tools such as microbial and isotopic analyses. In addition to project work, Ms. Mora is a member of the Interstate Technology Regulatory Council (ITRC) Environmental Molecular Diagnostics (EMDs) Team and Per- and Polyfluoroalkyl Substances (PFAS) Team, part of the AECOM/UCLA research team for biodegradation of 1,4-dioxane, and served as an ITRC instructor for their internet-based training offered to the environmental industry on the use of EMDs. For the past several years, Ms. Mora has led AECOM's collaborative development with University of Georgia, advancing AECOM's DE-FLUORO™ technology from bench-scale, to field-scale design, construction, and implementation. She is currently the Program Manager leading AECOM's US-based demonstration of DE-FLUORO™, an electrochemical oxidation technology for PFAS destruction.

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Wednesday, May 25th, 2022 • 3:00 p.m. ET

Supporting Indigenomics through Partnerships



Indigenomics is the study of modern Indigenous economic design and the development of Indigenous spaces across industries. Partnerships that support Indigenous companies build economic portfolios that consider both the potential opportunities and hurdles of Indigenous-led projects.

The Henvey Inlet First Nation and Pattern Canada partnership is an example of such an affiliation in the renewable energy sector. A 300 MW wind energy centre with a 104 KM transmission line was realized through this 10-year project. Consideration of many issues led to project success: jurisdictional, financial, cultural, and geographical. AECOM

undertook the environmental assessments and environmental monitoring during construction and, importantly, integrated the community's Environmental Stewardship Regime with Canadian and provincial environmental regulations.

The Henvey Inlet Wind Energy Centre has been online since October 2019.

OUR SPEAKERS:

Jennifer Ashawasegai-Pereira

Frank Davis / Canada Country Head, Pattern Energy Group LP



JENNIFER ASHAWASEGAI-PEREIRA is an Indigenous Reconciliation Advisor in the Sudbury, Ontario AECOM office, which is in the Robinson Huron Treaty territory in Canada. She is also a board member for the Canadian Renewable Energy Association. An Anishinabe Kwe (Ojibway woman) from Henvey Inlet First Nation (HIFN), she began her journey at AECOM six years ago as a First Nations Community Liaison. Jennifer is also a designated Henvey Inlet Wind spokesperson on behalf of her community.

FRANK DAVIS / CANADA COUNTRY HEAD, PATTERN ENERGY GROUP LP. Frank has 15 years of experience in renewable energy development, having spent 11 years with Pattern Energy helping lead the development, financing and construction of Canada's largest portfolio of operating wind energy assets. He

acts as the senior representative for Pattern Energy in Canada, with responsibility for asset management, market development, government relations, community engagement, joint venture partnerships and relationships with customers. Frank also acts in a senior capacity for the legal activities of Pattern Canada, including the organization and execution of the company's financial and commercial legal transactions. Prior to joining Pattern Energy in 2011, Frank carried on a commercial legal practice with one of Canada's largest law firms. He sits on the board of the Canadian Renewables Association (CanREA) and Public Health Ontario. Frank is originally from Newfoundland and Labrador and currently resides in Toronto, where he manages the Toronto office of Pattern Canada.



Thursday, May 26th, 2022 • 11:30 a.m. ET
Process Safety Accidents & Root Causes



This webinar will provide a summary of five seemingly different accidents that happened in the past 4 years, and what the root cause investigations ultimately tell us about how to improve process safety in general and process hazard analyses specifically.

OUR SPEAKER:
Gayle Nicoll, PhD, REP, ASP, CSP



GAYLE NICOLL, PHD, REP, ASP, CSP.

Dr. Nicoll has extensive experience in a variety of environmental, health and safety (EHS) endeavors, including industrial facilities, nuclear research facilities, chemical laboratories and machine shops. While at AECOM, Dr. Nicoll has conducted PHAs, lead PSM/RMP compliance audits, designed PSM programs, trained facility personnel including line personnel and facility managers on PSM and mechanical integrity, designed MoC programs, and conducted colocation hazard analyses. Dr. Nicoll is AECOM's Process Safety Services leader for the Americas and designed AECOM's in-house auditing and PHA tools.

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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.

See how we are delivering sustainable legacies for generations to come at [aecom.com](https://www.aecom.com) and [@AECOM](https://www.instagram.com/aecom).

