



Polyfluoroalkyl Substances (PFAS): Regulation, Research, Risk, Mitigation & Alternatives

A Continuing Education Program Sponsored by the Massachusetts Chemistry & Technology Alliance (MCTA)

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Dow Chemical, ATC Upper

255 Forrest Street

Marlborough, MA

Speaker Biographies

Karen Kinsella:

Karen Kinsella is a biogeochemist at GZA GeoEnvironmental, Inc. in Glastonbury, Connecticut. She has more than 40 years of experience in the agricultural, analytical, construction, energy, environmental, and radionuclide sectors, and has taught chemistry and environmental science at the secondary school level. As an environmental consultant, her work involves investigation, management, and remediation of contaminants in groundwater, soil, wastewater, and solid waste, helping project teams in Connecticut, Massachusetts, Michigan, New Hampshire, Ohio, Pennsylvania, Rhode Island, and Wisconsin understand the environmental behavior and fate of chemicals. As a National Ground Water Association volunteer, Karen co-authored the 2017 guidance, "Groundwater and PFAS: State of Knowledge and Practice," and is a program advisor for the upcoming PFAS in Groundwater Workshop: "The Professional's Charge." Karen holds a M.S. degree in chemistry from Central Connecticut State University, and a Ph.D. in soil chemistry and microbiology from the University of Connecticut. During her post-doctoral research with the U.S. Department of Energy, she studied soil bacteria that remediate groundwater contaminated with uranium and other radionuclides from spent nuclear fuel and weapons research.

Jessica Bowman:

Since April 2011, Jessica Bowman has served as the Executive Director of the FluoroCouncil, a global association representing the world's leading manufacturers of FluoroTechnology and administered by the American Chemistry Council. Before joining the FluoroCouncil, Jessica

worked for Airports Council International-North American as Senior Director of Environmental Affairs. She was previously legal counsel for the American Chemistry Council's chlorine division. Jessica earned her bachelor's degree in Geo-Environmental Engineering from Penn State and a juris doctorate degree from the University of Maryland.

Denise Kmetzo:

Denise Kmetzo, DABT, is an experienced health risk assessor and toxicologist, with a background in environmental consulting and academic and commercial laboratories. She conducts and manages complex risk assessments within a variety of regulatory frameworks, models fate and transport of contaminants, evaluates chemical exposures, communicates potential for health risks, and performs product safety assessments. Denise has also served as an expert witness in legal cases involving exposure to contaminants, toxicology, and product liability. She assesses exposure and risk for a variety of receptors and chemicals in multiple media, including soil, groundwater, air, surface water, sediment, fish, and produce.

Denise communicates risk to clients, regulators, and affected parties. Active in professional and regulatory groups, she serves as a member of Toxic Use Reduction Act (TURA) Science Advisory Board, which is reviewing the hazards of long-chain and short-chain perfluorinated compounds. She served as co-chair of the Technical Practices Committee of the Licensed Site Professional Association (LSPA) and is a member of the Regulations Committee of the LSPA. She also participates in regulatory workgroups related to risk assessment.

Denise holds a BA in Biochemistry and Music from Middlebury College and a Masters of Public Health (MPH) from Boston University. She is also a Diplomate of the American Board of Toxicology.

Rich Desrosiers:

Rich Desrosiers is an Associate Principal; Hydrogeologist with GZA GeoEnvironmental in Glastonbury, Connecticut, he is a Connecticut Licensed Environmental Professional (LEP) and Licensed Professional Geologist (PG) in Tennessee and New Hampshire. He has over 33-years of environmental assessment and remediation experience evaluating sites throughout the US. His practice focuses on solving complex hydrogeologic and geochemical issues in unconsolidated and bedrock geologic formations. He has evaluated contaminant fate and transport mechanisms at industrial, military and RCRA facilities including facility with groundwater impacts over one square mile. Rich has developed and implemented innovative in-situ remedial groundwater technologies and has completed multiple types in-situ chemical injections totaling over 750,000 gallons. Rich has provided expert testimony, authored technical papers and is currently on an ITCR working group concerning PFAS, assisting on remedial approaches. He received his Bachelor of Science Degree in Geology from Northeastern University and graduate level studies at Kent State University.

Jim Occhialini:

Jim Occhialini is a vice president with Alpha Analytical and he has 40 years of environmental analytical and consulting experience working on a wide range of projects. Jim serves as the product line manager for the laboratory's specialty analytical services team, where he supports the laboratory's emerging contaminants, ecological risk assessment and hydrocarbon forensics project applications. He is currently the chemistry section lead for the ASTM WK54455 Standard Guide for the Selection and Application of Analytical Methods and Procedures Used during Sediment Corrective Action which is currently in the balloting process. Jim has been very involved in the development and implementation of the MassDEP's Compendium of Analytical Methods and Representativeness Evaluation and Data Usability workgroups. Jim is also very active with the LSPA, SETAC, SMWG, and EBC as well as a number of additional regulatory workgroups and industry associations where he has given numerous technical presentations and training programs on PFAS and 1,4 dioxane emerging contaminate topics, sediments, data usability, and quality assurance/quality control. Jim received his Bachelor of Science Degree in Environmental Science from the University of Massachusetts, Amherst.

Emilee Mooney Scott

Emilee Mooney Scott is a member of Robinson + Cole's Environmental, Energy and Telecommunications Group, with a focus on facility compliance and transactional matters. She assists clients in complying with federal and state environmental laws, with a particular focus on the management of hazardous and toxic substances. In particular, Emilee has assisted clients with Toxic Substances Control Act registration and reporting requirements, the Emergency Planning and Community Right-to-Know Act compliance, and facility chemical safety matters.

Prior to joining Robinson + Cole, Emilee was a legislative fellow for the Connecticut General Assembly's Office of Legislative Research, where she conducted nonpartisan legal and public policy research. Before attending law school, she was a research analyst at an economic consulting firm in Massachusetts, assessing mass tort and environmental liabilities of companies in energy and mineral processing sectors. She is a regular contributor to the firm's Manufacturing Law Blog, which covers legal news and related business issues facing manufacturers and distributors.

Emilee is a graduate of Smith College and earned her J.D at University of Connecticut School of Law.