



EBC Site Remediation and Redevelopment Webinar Climate Change and the MCP – Resilient Cleanups in a Changing World

Tuesday, July 28, 2020

AGENDA

- 9:00 a.m. **Welcome**
- David Foss, Chair, EBC Site Remediation and Redevelopment Committee
Senior Vice President – Principal Hydrogeologist, Wilcox & Barton, Inc.
- Introduction and Overview: What You Will Learn**
- Thomas G. Fiore, Program Chair; Of Counsel, PretiFlaherty
- 9:20 a.m. **MCP Regulatory Approach to Climate Impacts at Disposal Sites**
- Ken Marra, PE, Program & Policy Development
Bureau of Waste Site Cleanup
Massachusetts Department of Environmental Protection
- 9:45 a.m. **Prioritizing and Informing Resilient Design through Climate Change Modeling**
- Joseph Famely, Senior Environmental Scientist, Woods Hole Group
- 10:10 a.m. **Networking Opportunity**
- 10:30 a.m. **Break**
- 10:40 a.m. **Municipal LSP Perspective – Vulnerability and Risk Evaluation**
- Michele Paul, Director of Resilience and Environmental Stewardship
City of New Bedford, MA
- 11:05 a.m. **LSP Site Example & Case Study**
- David Foss, CPG, LSP, Senior Vice President – Principal Hydrogeologist
Wilcox & Barton, Inc.
- 11:30 a.m. **Moderated Discussion**
- Moderator:** Thomas G. Fiore, PretiFlaherty
- 12:00 p.m. **Adjourn – Closing Remarks – David Foss**

PROGRAM CHAIR

Thomas G. Fiore, Of Counsel

PretiFlaherty

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Mr. Fiore is a member of the Environmental Practice Group at PretiFlaherty. He is a graduate of Wesleyan University and Northeastern University School of Law. Mr. Fiore advises clients on issues of land use and environmental law in a variety of business and operational contexts including the lease, sale and redevelopment of environmentally-impacted property, regulatory compliance, and risk management.

SPEAKERS

Joseph Famely, Senior Environmental Scientist

Woods Hole Group

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Joe Famely is a Senior Environmental Scientist at Woods Hole Group. Focused on environmental and sustainability planning, he has expertise in assessing climate change vulnerability and risk for infrastructure and natural resources, and developing adaptation and resiliency plans for communities and organizations. In addition to numerous sea level rise and storm surge vulnerability assessments in the New England region, he has developed customized greenhouse gas assessment tools to help organizations benchmark and track their carbon footprints and prepare sustainability reports, and led strategic land use planning projects. Joe's background in ecological risk assessment, urban ecology, and environmental design brings a systems-thinking approach to projects and facilitates collaboration with engineering and design professionals, as well as with clients and stakeholders. Joe holds a B.A. from Bowdoin College, and a M.E.M. in Urban Ecology and Environmental Design from the Yale School of the Environment. He is also a certified provider in the MA EOEEA Municipal Vulnerability Preparedness (MVP) Program.

David Foss, CPG, LSP, Senior Vice President – Principal Hydrogeologist

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David Foss is a Principal Hydrogeologist who leads the Brownfield Redevelopment practice at Wilcox & Barton, Inc., connecting a broad range of public and private development interests. Focusing on the remediation and redevelopment of hazardous waste and petroleum-contaminated sites, he finds great satisfaction in the revitalization of urban neighborhoods and the social benefits of economic renewal. He identifies and implements solutions for projects involving difficult regulatory and technical issues. David is an expert in Brownfield incentive programs and policy. He identifies and implements solutions for projects with challenging environmental histories amid overlapping regulatory programs for Wilcox & Barton, Inc. projects.

David is active in numerous civic and professional organizations including the Licensed Site Professional (Massachusetts), Rhode Island Society of Environmental Professionals, the American Institute of Professional Geologists (AIPG), and the Massachusetts Geologic Society. He is a Certified Professional Geologist and Licensed Site Professional.

Ken Marra, PE, Program & Policy Development, Bureau of Waste Site Cleanup
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Ken Marra joined the Massachusetts Department of Environmental Protection (MassDEP) in 1997 after spending 15 years in private industry, mostly in northern Canada, Brazil and California as a petroleum reservoir engineer, an environmental consultant, and a construction manager. He managed state-funded hazardous waste site cleanups prior to joining MassDEP's Program & Policy Development group in Boston, where he formulates environmental regulations and policies and leads MassDEP's Light Nonaqueous Phase Liquids (LNAPL) Workgroup. Mr. Marra represents Massachusetts on the Interstate Technology & Regulatory Council and has published a number of papers on the subsurface fate and transport of petroleum and other LNAPL constituents. Mr. Marra also sits on the state's Administrative Review Board for the \$500 million Petroleum Product Cleanup Fund. He received an A.B. in Engineering Science from Dartmouth College, a M.S. in Petroleum Engineering from Colorado School of Mines, and a M.S. in Civil/Environmental Engineering from Stanford University. He is a Registered Professional Civil Engineer.

Michele Paul, LSP, Director of Resilience and Environmental Stewardship
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Michele Paul is New Bedford's Director of Resilience and Environmental Stewardship. With a background in civil engineering, her passion is Brownfields redevelopment and the public policies that shape these urban infill projects located largely in environmental justice communities. Under the leadership of New Bedford Mayor Jon Mitchell, Michele's role is focused on community sustainability, combining infrastructure, social, and economic development efforts. New Bedford is a designated Municipal Vulnerability Preparedness (MVP) community, and its comprehensive climate adaptation and resilience plan: *NB Resilient*, will guide future capital and program direction through the lenses of equity and community character. Michele is a member of the New England Municipal Sustainability Network where resilience professionals share best practices and lessons learned in this emerging field. Michele represents New Bedford on the Mass Municipal Association's Policy Committee for Energy and the Environment, is a member of MassDevelopment's Brownfields Advisory Group, and serves on MassDEP's Waste Site Cleanup Advisory Committee representing municipal officials. Michele is a Massachusetts Licensed Site Professional and is the current President of the Licensed Site Professional Association.

UPCOMING EBC PROGRAMS

July 31: New England Regional Climate Change Summit

August 6: EBC Unplugged – a networking opportunity hosted by the EBC Ascending Professionals

August 20: Connecticut Chapter Virtual Summer Gathering

September 17: EBC 27th Annual EBEE Awards Celebration

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