



**EBC Rhode Island Chapter Program  
The Critical Importance of Stormwater Management in Rhode Island**

Wednesday, November 4, 2015

CDM Smith  
Providence, Rhode Island

**AGENDA**

- 8:00 a.m. **Welcome: Robert Atwood**, Chair, EBC RI Chapter  
President, Resource Control Associates
- Introduction: Robert M. Otoski**, Program Co-Chair  
Senior Project Manager, CDM Smith
- 8:15 a.m. **State of RI Waters: Water Quality Sampling Results for Narragansett Bay**
- Pamela Reitsma, Environmental Scientist, Narragansett Bay Commission
  - Christine Comeau, Environmental Scientist, Narragansett Bay Commission
- 8:45 a.m. **Phase II MS4 Permit: RI Municipalities Permit Compliance & Permit Re-Issuance**
- Eric Beck, Supervising Engineer, Office of Water Resources  
Rhode Island Department of Environmental Management
  - Margarita Chatterton, Senior Sanitary Engineer, Office of Water Resources  
Rhode Island Department of Environmental Management
- 9:15 a.m. **Upcoming Permit Requirements**
- Thelma Murphy, Regional Stormwater Coordinator  
U.S. Environmental Protection Agency – Region 1
- 9:40 a.m. **Paying For Stormwater: Stormwater Utilities in Rhode Island**
- Elizabeth Scott, Deputy Chief, Surface Water Protection  
Rhode Island Department of Environmental Management
- 10:00 a.m. **Networking Break**
- 10:30 a.m. **Coastal Stormwater: What Goes Up and What Comes Down  
Sea Level Rise, Storm Surge and Stormwater Impacts**
- Janet Freedman, Coastal Geologist, Coastal Resources Management Council

11:00 a.m. **Panel Discussion**

Moderator: Igor Runge, Program Co-Chair  
Senior Project Manager, GZA GeoEnvironmental Inc.

Panel:

- Pamela Reitsma, Narragansett Bay Commission
- Eric Beck, RI Department of Environmental Management
- Thelma Murphy, U.S. EPA Region 1
- Elizabeth Scott, RI Department of Environmental Management
- Janet Freedman, Coastal Resource Management Council

12:00 p.m. **Adjourn**

**PROGRAM CO-CHAIRS**

**Robert M. Otoski, P.E.**, Senior Project Manager

CDM Smith

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Mr. Otoski first started with CDM Smith in 1975 and he has worked there since that time except for a 2 year period in graduate school and 11 years at the Massachusetts Water Resource Authority (MWRA) from 1986-1997. He holds a B.S. in Civil Engineering from Merrimack College and an M.S. in Environmental Engineering from Tufts University. His work has mostly been in the areas of water and wastewater distribution or collection and treatment, and has included concept development, design, and construction management as well as program management.

**Igor Runge, Ph.D., P.H.**, Senior Project Manager

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Dr. Runge has been with GZA for 13 years and is responsible many environmental engineering and water resources projects; specializing in regulatory permitting, storm water, and water quality. He holds B.S. and M.S. degrees in Meteorology (SUNY, University of Oklahoma) and a Ph.D. in Civil and Environmental Engineering from the University of Rhode Island. Prior to GZA, he was in academe, most recently as the Dean of the School of Engineering, Computing, and Construction Management at Roger Williams University. While at the University of North Carolina, he was a recipient of the Young Investigator Award from the National Academy of Sciences for his work in nonpoint source pollution of surface waters.

**SPEAKERS**

**Eric Beck, P.E.**, Supervising Engineer

RI Department of Environmental Management

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Mr. Beck has been supervising the State of RI's RIPDES Program for the past thirteen years. Having been employed by the RIDEM for the past twenty five years, he has been involved in developing and

implementing a broad range of environmental regulatory programs involving planning, design, construction, and permitting of municipal and private wastewater and storm water systems. Mr. Beck has been responsible for development and implementation of the RIPDES General Permit for Construction Stormwater, the Multi-Sector General Permit for Industrial Stormwater and the Small MS4 general permit. Mr. Beck was actively involved in the development and implementation of RI's 2010 Storm Water Design Manual, the 2014 Soil Erosion and Sediment Control Handbook, and coordination of DEM Office of Water land development permits. Mr. Beck is a licensed Professional Engineer and earned a B.S. in Civil Engineering from Merrimack College.

**Margarita Chatterton**, Senior Sanitary Engineer  
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Margarita Chatterton has bachelor degrees in Physics and Geology from Boston University and a M.S. in Civil and Environmental Engineering from the University of Rhode Island. She has worked for RIDEM for 23 years and worked in the RIPDES Stormwater program for the last 17 years.

**Christine Comeau**, Environmental Scientist  
Narragansett Bay Commission  
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Christine Comeau has been an environmental scientist at the NBC for 8 years. She earned her B.S. in Marine Biology from the University of New England, and a M.S. in Biology from the University of Rhode Island. Christine has over 16 years of work experience in the marine/environmental science field in various capacities including environmental educator, adjunct science faculty, and a marine research associate.

**Janet Freedman**, Coastal Geologist  
Coastal Resources Management Council  
Stedman Government Center - Suite 3  
4808 Tower Hill Road, Wakefield, RI 02879-1900  
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Janet Freedman is a Coastal Geologist with the RI Coastal Resources Management Council. She works on coastal hazard issues, mapping, and habitat restoration, emphasizing science based approach to coastal policy and planning. She is currently working on the Shoreline Change Special Area Management Plan (Beach SAMP), designed to identify areas that are at risk for coastal hazards, sea level rise, and other climate change impacts. She works in partnership with the University of RI and Eastern Connecticut State University monitoring shoreline changes along Rhode Island's south shore and developing green infrastructure pilot projects within Narragansett Bay.

Janet is a member of the education and outreach committee of the RI Flood Mitigation Association, the RI State Hazard Mitigation Committee, the Providence Harbor Commission, and the Northeast Regional Ocean Council Coastal Hazards Committee. Janet holds a M.S. in Geology from the University of Rhode Island Department of Geosciences and has worked at CRMC since 1999.

**Thelma Murphy**, Regional Stormwater Coordinator  
U.S. Environmental Protection Agency, Region 1  
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I am the Section Chief for the Stormwater and Construction Permits Section at EPA New England. I began this position in March 2012. Prior to assuming this role, I was the regional storm water coordinator, a position I began in 1995. My section oversees the implementation and oversight of the storm water program in all areas except enforcement. I also provide oversight for other regionally issued general permits such as dewatering general permit, remediation general permit, non-contact cooling water and others. I've worked on the development and implementation of all stormwater general permits (Construction General Permit (CGP), the Multi-Sector General Permit (MSGP) and the Small MS4).

Current activity in my section is currently working on the reissuance of the Small MS4 General Permits for Massachusetts and New Hampshire, drafting the individual permits for Boston and MassDOT, reissuance of the remediation general permit, the potable water general permit and the hydro- electric power generating permits. There is also participation in the national workgroup for the reissuance of the CGP and response to the remand provisions of the Phase II stormwater regulation. My section also works with the states authorized to implement the NPDES program to provide support in their implementation of their storm water programs.

I've been at the EPA since 1987. During my years here, I've worked as an NPDES permit writer, the regional biosolids (aka sewage sludge) coordinator, and as mentioned previously, the regional stormwater coordinator. I have a Bachelor's Degree in Chemical Engineering from the University of Massachusetts at Amherst.

**Pamela Reitsma**, Environmental Scientist  
Narragansett Bay Commission  
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Pamela earned a B.S. in Marine Biology and a B.A. in Environmental Science from Roger Williams University. She worked in the marine science consulting field for five years before going back to school to get her M.S. in Chemical Oceanography from the University of Rhode Island Graduate School of Oceanography. Pamela now works as an environmental scientist at the Narragansett Bay Commission, where she has worked for over five years.

**Elizabeth Scott**, Deputy Chief, Surface Water Protection  
RI Department of Environmental Management  
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Elizabeth has over twenty-five years experience in water resources management in Rhode Island. Her current responsibilities include oversight of the TMDL Program and the Office of Water Resource's Shellfish Program. She is also involved in efforts to advance stormwater management including work with municipalities to implement watershed specific requirements and to develop stormwater utilities.

Elizabeth received a B.S. in Natural Resources from Cornell University, and a M.A. in Marine Affairs from the University of Rhode Island.