

ENHANCING STORMWATER RESILIENCE IN THE BUILT ENVIRONMENT

2018
SPECIALTY
CONFERENCE
& WORKSHOP
SERIES



One-day Conference & Tour with special Workshop • May 7–8 • Portsmouth, NH

The Enhancing Stormwater Resilience in the Built Environment Specialty Conference is aimed at showcasing projects, strategies, and case studies by public and private entities preparing to effectively manage stormwater and build resilient networks in an uncertain climate with significant physical and financial constraints. This conference will focus on flood and disaster preparedness and mitigation projects using green and

gray versatile designs that can increase resilience and provide water quality and other community benefits. The conference will also focus on financial tools, strategies, and opportunities to help fund these multi-purpose, resilient projects and initiatives in the years to come.

This event will be of interest to: municipal, state, and federal employees as well as private consultants, contractors, and researchers involved in flood mitigation,

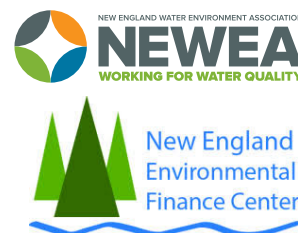
stormwater resilience, and stormwater management initiatives. Those interested in learning more about financial strategies, tools, and funding opportunities, including stormwater utilities, should also attend the second day of the program.

Sponsorship and exhibit opportunities are available

MONDAY, MAY 7—CONFERENCE & TOUR		
8:00 AM	Registration/Continental Breakfast/Exhibits	
8:45	Welcome and Opening Remarks Janine Burke-Wells, NEWEA President, Angela Blanchette, Chair, Stormwater Committee	
9:00	Keynote Speaker	
	Concurrent Session 1 —Cities and States Path Towards Resiliency Case Studies	Concurrent Session 2—Infrastructure Engineering and Design with Resiliency in Mind
9:30	<i>Miami Beach Case Study—Advancing Strategy of Green & Grey Infrastructure Towards Advancing Coastal Resilience</i> – John Alueg, Stantec	<i>Post-Storm Infrastructure Improvements and Stream Restoration: Three Case Studies</i> – Thomas Graupensperger, Dewberry
	<i>Rhode Island's Resiliency Efforts</i> – Jan Greenwood, Woodard & Curran	<i>Design and Construction of Resilient Stormwater BMPs to Address Climate Change and Improve Water Quality</i> – Nick Cristofori, Comprehensive Environmental Inc.
10:00 – 10:30	Break/Exhibits	
10:30	<i>Restoring Boston's Bays and Streams</i> – Julie Wood, Charles River Watershed Association	<i>Designing for the Impact of Future Climate Conditions</i> – Theresa McGovern, VHB
	<i>Integrated Coastal and Stormwater Flood Resiliency for Rebuild by Design Hudson River Project in Hoboken, NJ</i> – Rahul Parab, Dewberry	<i>Sharing a Drainage System to Build Stormwater Resilience</i> – Dr. Yovanni Catano, Stantec
12:00 – 1:00 PM	Lunch/Exhibits – Networking	
	Concurrent Session 3 —Opportunities and Strategies to Help Build a Sustainable and Resilient Future	Concurrent Session 4—Stormwater Resiliency Funding via Strategic Regulation and Management
1:00	<i>Resilient Ecosystems: Quantifying the Co-benefits of Green Infrastructure</i> – Dr. Indrani Ghosh, Kleinfelder	<i>Implementation of Flow Restoration Plans to Address Stormwater Impaired Streams</i> – Thomas DiPietro, City of South Burlington, VT
	<i>Increasing Resilience through Intelligent Water Management</i> – Dayton Marchese, Opti	<i>Resilient Bylaws & Ordinances</i> – Jennifer Kelly Lachmayr, Arcadis
2:00 – 2:30	Break/Exhibits	
2:30	<i>A Resiliency State of Mind: Living with the Bay Resiliency Strategy</i> – Jason Hellendrung and Jake Oldenburger, Tetra Tech	<i>Piece by Piece: Funding Targeted Resiliency Projects Through a Phased Approach</i> – Scott Medeiros, Woodard & Curran
	<i>Private Development - Public Benefit: Tuscan Village Floodplain Improvements in Salem, NH</i> – David Azinheira, Tighe & Bond	<i>Using Asset Management to Maintain a Resilient Stormwater System</i> – Annie Bastoni, VHB
4:00	Facility Tour —Take a tour of the Portsmouth, NH WWTF	
6:00	Networking Event —Join water quality professionals for a networking event at the Portsmouth Brewery	

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TUESDAY, MAY 8—WORKSHOP	
8:00 AM	Registration/Continental Breakfast
8:30	<p>Welcome and Opening Remarks</p> <p>Jim Gebhardt, Director of Water Infrastructure and Resiliency Finance Center, USEPA Martha Sheils, Director, New England Environmental Finance Center</p>
9:15	<p>Moving from Contemplation to Implementation of your Stormwater Management Plan</p> <p>Moderator: Martha Sheils, New England Environmental Finance Center Ed Suslovic, New England Environmental Finance Center</p>
10:00	Break
10:15	<p>Harnessing Technical Assistance and Tools to Access and Plan for Stormwater Funding</p> <p>Moderator: Jack Kartez, New England Environmental Finance Center Bill Boulanger, Utilities Superintendent, Dover, NH Tom Ballestero and James Houle, UNH Stormwater Center</p>
11:00	<p>Panel Discussion: State Source of Funding</p> <p>Moderator: Martha Sheils, NEEFC</p> <p>A panel of experts representing New England state funding and financing agencies will discuss novel approaches to incentivize improvements to local water quality from non-point sources. Discussions will include examples of projects sponsored by the RI Infrastructure Bank and the formation of a Sponsorship Program in VT to finance green infrastructure projects using CWSRF's:</p> <p>Jeffrey R. Diehl, Rhode Island Infrastructure Bank Ted Diers, New Hampshire Department of Environmental Services Terisa Thomas, Vermont Department of Environmental Services</p>
Noon	Adjourn

SPONSORS

AECOM	Environmental Partners Group	Hoyle, Tanner & Associates, Inc.	Ted Berry Company
ARCADIS	EST Associates	Kleinfelder	Tetra Tech
Brown and Caldwell	Flow Assessment Services	Nitsch Engineering	Tighe & Bond
CDM Smith	Fuss & O'Neill	Stantec	Weston & Sampson
Dewberry	Hazen and Sawyer	Tata & Howard	Woodard & Curran
			Wright-Pierce

REGISTRATION FORM: Enhancing Stormwater Resilience in the Built Environment Conference with Special Workshop May 7–8, 2018 • Portsmouth, New Hampshire

Last Name _____

First Name _____

Affiliation/Co. _____

Address _____

City/State _____ Zip _____

Phone _____

Email _____

Payment: **One Day Conference, May 7:**

- \$175 pp NEWEA Members (\$200 after 4/27)
- \$240 pp Non Members (\$265 after 4/27),

mail@newea.org
NEWEA

Membership ID # _____

Check enclosed / Made payable to NEWEA

Purchase Order # _____

Visa/MC/Discover/AMEX

_____ Security/CVC _____

Exp. _____ Signature _____

Mail to: NEWEA, 10 Tower Office Park, Suite 601, Woburn, MA 01801

FAX to: 781-939-0907

Questions: Contact the NEWEA office at 781-939-0908 or mail@newea.org.

Registration Deadline—4/30/18: A confirmation and directions will be sent via email prior to the event.

Cancellations: Must be received in writing by **4/30/18**. Due to agreements and guarantees, no refunds will be made after **4/30/18**.

Register online at newea.org

Regulators and students: contact NEWEA office for reduced registration