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Designing Resilient Waterfront Spaces

Julie Eaton Ernst, PE

Resilience Team Leader, Weston & Sampson

Thursday, March 23, 2023

Jacobs Engineering, 120 St. James Ave, 5th Floor, Boston, MA 02116
6:00 PM Registration and Dinner; 7:00 PM Presentation

Julie Eaton Ernst, PE is a resilience team leader at Weston & Sampson. She has worked on several award-winning climate resilience projects, including the City of Boston Climate Resilience Design Guidelines for Protecting Rights-of-Way, the Resilient MA Action Team Statewide Climate Resilience Design Standards Tool, and design and construction of several of Boston's resilient waterfront spaces, including Langone Park & Puopolo Playground in the North End, Moakley Park in South Boston, and schematic design of Carlton Wharf and Lewis Mall in East Boston. Julie will be speaking about her on-going work integrating climate resilience in the public realm, and some of the technical challenges engineers face given complex subsurface conditions, aging seawalls, and stormwater management.

Learning Objectives:

- Learn about climate change projections and vulnerabilities/opportunities in complex urban waterfronts.
- Learn about challenges and strategies for implementing coastal resilience on filled tidal lands, including settlement, drainage, underground utilities and contamination.
- Understand how to pair visionary design with robust and iterative analyses, and clear engineering, programming, and maintenance guidelines for effective climate adaptation planning.

Registration Deadline: Monday, March 20, 2023

$80 Members, $100 Non-Members
$70 Public Sector Members, $80 Public Sector Non-Members
$30 Senior Members (65+) & Students

Information/Registration:

Register to attend this meeting and pay by credit card online here. To register online for an event at the BSCES member rate you must login using your BSCES assigned username and password. If you do not know your BSCES member login information call 617/227-5551. You can also register for this event by mail or email. To do so, download and complete a BSCES Event Registration Form and follow the submission instructions. Cancellations received after March 20, 2023 and no-shows will be billed.

Please note that an inherent risk of exposure to COVID-19 exists anywhere other people are present, and even precautionary measures such as masking and social distancing cannot completely eliminate this risk. The Boston Society of Civil Engineers Section/ASCE (BSCES) encourages any person attending a Society-sponsored in-person activity to be fully vaccinated against COVID-19. In addition, any person who chooses to travel to and/or participate in any BSCES in-person activity assumes all risks arising from that decision. All participants must agree to comply with all safety procedures established by the Centers for Disease Control and Prevention (CDC) and the Commonwealth of Massachusetts as well as any other protocols put in place by BSCES, the host sites, travel facilities, or any other applicable authorities.

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This presentation provides 1 Professional Development Hours (PDH)

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