



**EBC Climate Change Program
Early Actions to Mitigate Regional Coastal Flooding Risks**

Friday, May 17, 2019

Kleinfelder | Boston, Massachusetts

AGENDA

- 8:00 a.m. **Welcome:** Daniel K. Moon, President & Executive Director, EBC
- Program Introduction and Overview: What You Will Learn:**
- Nasser Brahim, Program Chair and Moderator
Senior Climate Change Planner, Kleinfelder
- 8:30 a.m. **Stabilizing the MBTA's Mystic River Shoreline: Adding Flood Resiliency While Planning for the Future**
- Giuliana Zelada, Senior Project Manager, Simpson Gumpertz & Heger Inc.
- 9:00 a.m. **Island End River Flood Mitigation Project**
- Alexander Train, Assistant Director
Department of Planning and Development, City of Chelsea
- 9:30 a.m. **Moakley Park: A Catalyst Project for the Resilient Boston Harbor Plan**
- Allison Perlman, Project Manager
Parks and Recreation Department, City of Boston
- 10:00 a.m. **Networking Break**
- 10:30 a.m. **Retrofitting the Amelia Earhart and Charles River Dams**
- Commissioner Leo P. Roy
Massachusetts Department of Conservation and Recreation
- 11:00 a.m. **Panel Discussion**
- Moderator:** Nasser Brahim, Kleinfelder
- Panelists:**
- Alicia Hunt, Director, Energy and Environment Office, City of Medford
 - John Bolduc, Environmental Planner
Community Development Department, City of Cambridge
- 12:00 p.m. **Adjourn**

PROGRAM CHAIR

Nasser Brahim, Senior Climate Change Planner
Kleinfelder
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Nasser Brahim is a Senior Climate Change Planner at Kleinfelder, a multidisciplinary engineering and design firm. He helps communities and critical infrastructure owners prepare for climate change by implementing vulnerability assessments, resiliency plans, and capital and operational improvements.

Nasser has played a leading role in efforts to build climate resilience in and around Boston. In addition to supporting ongoing resiliency planning and implementation efforts by Massport and MassDOT, he was deeply involved in the City of Cambridge's groundbreaking Climate Change Vulnerability Assessment and served as the consultant project manager for Climate Ready East Boston and Charlestown – Boston's first neighborhood coastal resilience plans. He is currently supporting the City's Climate Ready Downtown/North End plan and Coastal Resilience Overlay District Zoning and Design Guidelines initiative. Nasser also served as a member of the Technical Advisory Group for the City's Climate Resilient Design Guidelines for protecting the public right of way and as a reviewer for UMass Boston's Financing Climate Resilience report and Conservation Law Foundation's recent report on climate change and the Massachusetts State Building Code. Resiliency projects he has supported have earned several engineering, planning, and design awards and been covered by NPR, The Boston Globe, New York Times, and PBS NewsHour.

Nasser is a certified consultant for the Massachusetts Municipal Vulnerability Preparedness (MVP) Program. He holds a Master of Environmental Management degree from the Yale School of Forestry and Environmental Studies.

SPEAKERS

John Bolduc, Environmental Planner
City of Cambridge
Community Development Department, 344 Broadway, Cambridge MA 02139
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John Bolduc is an environmental planner with the City of Cambridge Community Development Department where he manages climate change initiatives. He manages the City's Climate Change Vulnerability Assessment and the Climate Change Preparedness and Resilience Plan; coordinates the Climate Protection Action Committee, an advisory group to the City Manager on local climate change policy and implementation; administers the Building Energy Use Disclosure Ordinance; and participates in a range of other municipal sustainability efforts. John has been with the City of Cambridge since 1997 and has over 30 years of experience in municipal sustainability and environmental protection. He holds a Bachelor of Science degree from the University of California at Davis and a Master of Arts from Tufts University in Urban and Environmental Policy.

Alicia Hunt, Director, Energy and Environment Office
City of Medford
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Alicia Hunt is the Director of Energy & Environment for the City of Medford, MA. Her office functions as the Sustainability Office and she collaborates with other departments, committees and the schools to

enhance Medford's sustainability. Alicia is responsible for Medford's 2010 designation as one of the first Green Communities in Massachusetts and has been an active participant of the program ever since. Over the past 3 years Alicia has led Medford's efforts in the areas of Adaptation and Climate Change planning and has just released Medford's Climate Vulnerability Assessment. Alicia represents Medford on the Boston Metro Mayors Climate Resiliency Task Force and with the Resilient Mystic Collaborative. Alicia holds a Master's Degree in City Planning and a Bachelor of Science in Urban Studies, both from MIT.

Allison Perlman, Project Manager, Parks and Recreation Department

City of Boston

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Allison Perlman is a project manager for the City of Boston Parks and Recreation Department. As a project manager, she oversees park planning, design and construction projects within the City of Boston. Allison's interests lie at the intersection of dynamic landscapes and communities and on creating authentic engagement and collaboration in public open space design. Since first joining the BPRD her work has included participation in a park-wide Green Infrastructure Design and Implementation Guide, long-term planning for Moakley Park in South Boston and the City of Boston Green Infrastructure Working Group. Prior to working at BPRD, Allison worked as a designer and ecologist since 2000 throughout the Pacific Northwest and Bay Area. Allison holds a Master of Landscape Architecture from the University of Oregon and a BS from Southern Oregon University.

Leo Pierre Roy, Commissioner

Department of Conservation and Recreation, Commonwealth of Massachusetts

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Leo Roy serves as Commissioner of the Massachusetts Department of Conservation and Recreation (DCR), appointed by Governor Charlie Baker in December, 2015. He leads the state's forest and parks agency, with 500 facilities, 3,000 buildings, and nearly 500,000 acres of land. The portfolio includes some of the most loved parks, historic sites, and iconic events in the nation, including Plymouth Rock, Walden Pond, Mount Greylock, Revere Beach, the annual Head of the Charles rowing regatta, and the 4th of July Boston Pops Concert on the Charles River Esplanade. DCR is also responsible for infrastructure and public safety, including the water supply for 2.5 million people, flood control, dam safety, parkways and bridges, and forest fire management.

Prior to joining DCR, Leo was a Principal with VHB, a national infrastructure engineering, planning, design, and environmental services firm headquartered in Watertown, MA. He worked in the public and private sectors for state and municipal governments, colleges and universities, airport and port authorities, and private corporations and developers. Leo was honored in November 2013 by the US Green Building Council to be named a LEED Fellow for over a decade's work to promote sustainable building design, construction, and operation. He served for many years on the Board of the Environmental Business Council of New England.

Alexander Train, Assistant Director

Department of Planning and Development, City of Chelsea

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Alexander Train has served as the Assistant Director of Planning and Development for the City of Chelsea since 2018, after beginning as an infrastructure project manager with the City in 2015. The Department of

Planning and Development oversees land use, housing, infrastructure, and environmental planning, permitting, and implementation. Mr. Train manages a portfolio of projects related to affordable housing, climate resiliency, infrastructure and transportation, and open space. He also represents the City in numerous regional capacities, including the Resilient Mystic Collaborative, Metro Mayors Climate Task Force, and others. Marshalling projects from their planning stage to fruition, Mr. Train possesses a background in urban planning, landscape architecture, and construction management. He holds a Masters of Regional Planning (MRP) from the Department of Landscape Architecture and Regional Planning at UMass Amherst, as well as a Bachelors of Science in History from Suffolk University.

Giuliana Zelada, Senior Project Manager

Simpson Gumpertz & Heger Inc.

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Ms. Zelada has been with Simpson Gumpertz & Heger Inc. (SGH) since 2003. Her area of expertise is in geotechnical engineering, providing planning, design, and construction support services in the areas of shallow and deep foundation systems, earth retention systems, and groundwater monitoring for residential, commercial, and industrial buildings, power stations, and substations. Ms. Zelada has also participated in several investigations into causes of building/structure settlement, retaining wall failures, and slope failures, and has provided litigation support for various projects.

UPCOMING EBC PROGRAMS

May 20 – Ocean and Coastal Resources Committee Program Planning Meeting

May 21 – Solid Waste Management Program: Organics in Massachusetts

May 23 – Evening Program: City of Boston and the Commonwealth

May 24 – Energy Resources Site Visit: MassCEC Wind Technology Testing Center

May 29 – Site Remediation and Redevelopment Program: Brownfields Tax Credits

May 31 – Energy Resources Program: Carbon Capture & Sequestration

June 3 – Solid Waste Management Committee Program Planning Meeting

June 4 – Rhode Island Program: RIDEM Implementation of the Generator Improvements Rule

June 5 – Rhode Island Program: 2nd Annual Stormwater Conference

June 7 – Climate Adaptation Forum: Disruptive Climate, Disruptive Technologies

June 10 – Energy Resources Committee Program Planning Meeting

June 10 – Dam Management Committee Program Planning Luncheon

June 11 – Connecticut Program: Remediation Standards Update

June 12 – Solid Waste Management Program: New England Conference of State Solid Waste Directors

June 14 – Site Remediation and Redevelopment Program: Risk Communication

June 17 – Rhode Island Chapter Program Planning Luncheon

June 19 – EBC 26th Annual EBEE Awards and 29th Annual Meeting

June 21 – Ocean and Coastal Resources Program: Innovative Data Collection Techniques

June 24 – Infrastructure Committee Program Planning Meeting

July 25 – New Hampshire Program: The Future of PFAS Regulation and Cleanup in New Hampshire

July 10 – Connecticut Summer Gathering at the Connecticut Valley Brewing Company

July 11 – Energy Resources Program: Briefing by New England State Energy Directors

July 12 – New Hampshire Briefing from NHDES and USEPA

July 16 – Climate Change Program: Private Sector Facility Planning and Preparedness

July 16 – Climate Change and Air Committee Program Planning Luncheon

July 17 – Site Remediation Program: Update from U.S. EPA Brownfields Program

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