

BOSTON  
*Green Ribbon*  
COMMISSION



**BOSTON'S CLIMATE**

**VULNERABILITIES & SOLUTIONS**

**SYMPOSIUM**

**THURSDAY, SEPTEMBER 15, 2016 | FEDERAL RESERVE BANK OF BOSTON**

**@ABetterCity**

**@BosGreenRibbon**

**#ABCClimate**





## Dear Attendees,

Welcome to Boston's Climate Vulnerabilities and Solutions Symposium.

Thank you for joining us at this critical juncture in the Greater Boston region's climate resilience planning. The Symposium is the flagship event for private-sector engagement with Climate Ready Boston, the citywide climate preparedness initiative. A Better City, in partnership with the Green Ribbon Commission is hosting this Symposium with the goal of shifting the focus from planning for climate change towards action.

During the event, the City of Boston will present the latest findings from its climate vulnerabilities assessment and resilience policy priorities. A series of panelists, speakers, and local technology vendors and organizations will showcase their climate adaptation solutions to drive further climate preparedness investments that ready our buildings and districts for the future.

A Better City's commitment to climate resilience in the private sector began with the publication of the Building Resilience Toolkit and Report, released in 2014. The toolkit was updated in August 2016 ahead of this Symposium. A Better City and the Green Ribbon Commission hope that the connections you make today enable you to act upon your organization's preparedness plans and work towards building a more resilient, sustainable Boston.

Sincerely,

Richard A. Dimino



# WELCOME

## BOSTON'S CLIMATE VULNERABILITIES & SOLUTIONS SYMPOSIUM



**7:30 – 8:00 AM**

## **BREAKFAST & REGISTRATION**

**8:00 – 8:15 AM**

## **OPENING REMARKS**

- Richard Dimino, President & CEO, A Better City
- Michelle Wu, President, City Council

**8:15 – 9:15 AM**

## **OVERVIEW OF CLIMATE READY BOSTON**

- Ellen Douglas, Program Director, School for the Environment, UMass Boston
- Jason Hellendrung, Principal, Sasaki Associates
- Carl Spector, Commissioner of the Environment, City of Boston

**9:15 – 10:00 AM**

## **RESILIENCE INTERVENTIONS IN BOSTON**

### **Existing Buildings, New Construction & District Solutions**

- John Cleveland, Director, Boston Green Ribbon Commission
- John Messervy, Director of Capital & Facility Planning, Partners Healthcare
- Ben Myers, Sustainability Manager, Boston Properties
- Jeff Wechsler, Marketing Director - Acquisitions, Tishman Speyer

**10:00 – 11:00 AM**

## **REFRESHMENTS & VENDOR EXPO**

**11:00 – 11:45 AM**

## **FINANCING AND POLICY SOLUTIONS FOR RESILIENCE**

- Michael E. Mooney, Chairman, Nutter McClennen & Fish LLP
- Rebecca Davis, Deputy Director, MAPC
- John Markowitz, Vice President - Infrastructure Finance, MassDevelopment
- Sara Myerson, Director of Planning, Boston Redevelopment Authority

**11:45 AM – 12:00 PM**

## **CLOSING REMARKS**

- Austin Blackmon, Chief of Environment, Energy & Open Space, City of Boston

**12:00 – 1:00 PM**

## **VENDOR EXPO SESSION**

**AGENDA**

**BOSTON'S CLIMATE VULNERABILITIES & SOLUTIONS SYMPOSIUM**







## OPENING REMARKS



**RICK DIMINO**  
@ABetterCity  
President & CEO,  
A Better City



**MICHELLE WU**  
@Wutrain  
President,  
Boston City Council



**AUSTIN BLACKMON**  
@Austinblackmon  
Chief of Environment, Energy  
& Open Space, City of Boston

## CLOSING REMARKS

## OVERVIEW OF CLIMATE READY BOSTON



**PANELIST**  
**ELLEN DOUGLAS**  
@WatrRat  
Program Director,  
School for the Environment, UMass Boston



**PANELIST**  
**JASON HELLENDRUNG**  
@Jhellendrung  
Principal,  
Sasaki Associates



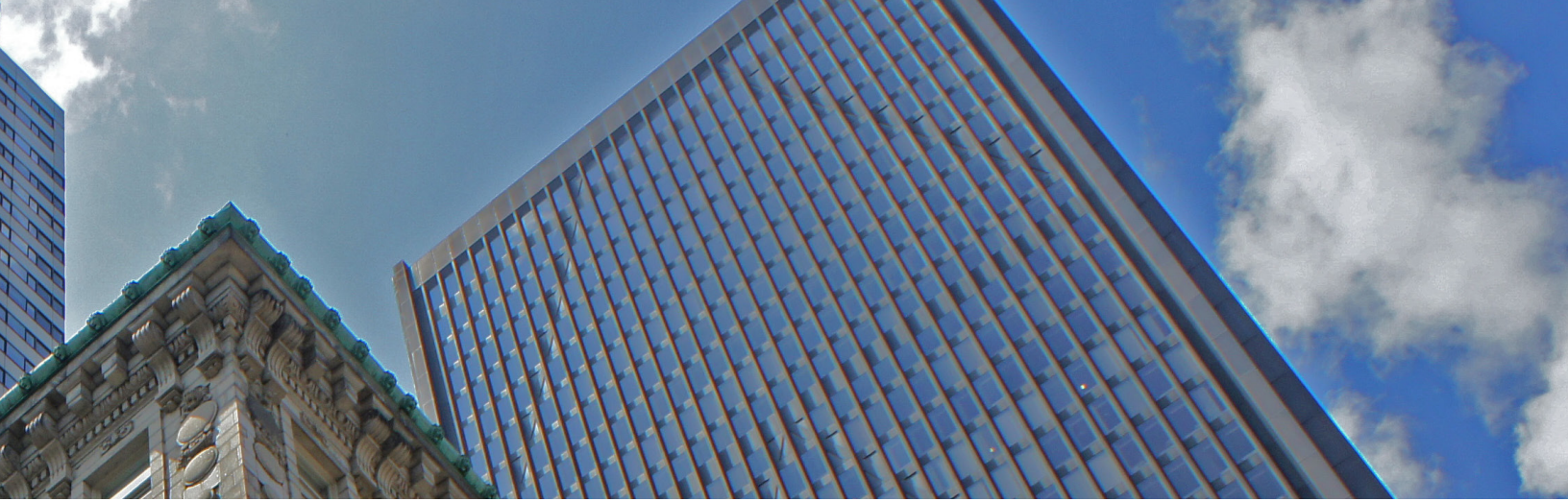
**PANELIST**  
**CARL SPECTOR**  
@GreenovateBos  
Commissioner of the Environment,  
City of Boston



# SPEAKERS

## BOSTON'S CLIMATE VULNERABILITIES & SOLUTIONS SYMPOSIUM





## RESILIENCE INTERVENTIONS IN BOSTON



**FACILITATOR**  
**JOHN CLEVELAND**  
@BosGreenRibbon  
Director,  
Boston Green Ribbon Commission



**PANELIST**  
**JOHN MESSERVY**  
@PartnersNews  
Director of Capital & Facility Planning,  
Partners Healthcare



**PANELIST**  
**BEN MEYERS**  
@Bosbenmeyers  
Sustainability Manager,  
Boston Properties



**PANELIST**  
**JEFF WESCHLER**  
@TishmanSpeyerRE  
Marketing Director - Acquisitions,  
Tishman Speyer

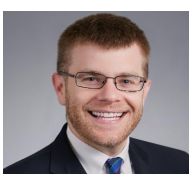
## FINANCING AND POLICY SOLUTIONS FOR RESILIENCE



**FACILITATOR**  
**MICHAEL MOONEY**  
@NutterLaw  
Chairman,  
Nutter McClennen & Fish LLP



**PANELIST**  
**REBECCA DAVIS**  
@MAPCMetroBoston  
Deputy Director,  
Metropolitan Area Planning Council



**PANELIST**  
**JOHN MARKOWITZ**  
@MassDev  
Vice President - Infrastructure Finance,  
MassDevelopment



**PANELIST**  
**SARA MYERSON**  
@BostonRedevelop  
Director of Planning,  
Boston Redevelopment Authority

# SPEAKERS

## BOSTON'S CLIMATE VULNERABILITIES & SOLUTIONS SYMPOSIUM







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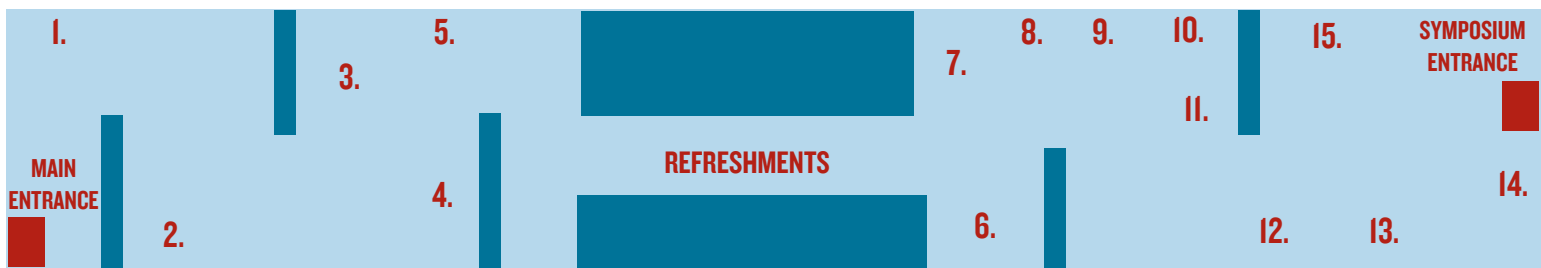
### LEADER

**AquaFence®**

### SUPPORTER



## EXPO AREA MAP



- |                   |                        |                    |                           |                       |
|-------------------|------------------------|--------------------|---------------------------|-----------------------|
| 1. REGISTRATION   | 4. USGBC MA            | 7. PRESRAY         | 10. TRUST FOR PUBLIC LAND | 13. CO-ENERGY AMERICA |
| 2. CITY OF BOSTON | 5. FLOODBREAK          | 8. SOLARONE        | 11. WALZ & KRENZER        | 14. AQUAFENCE         |
| 3. SMART VENT     | 6. RECOVER GREEN ROOFS | 9. SPARKPLUG POWER | 12. VPDELTA               | 15. FUELCELL ENERGY   |

BOSTON  
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# SPONSORS & EXPO AREA

BOSTON'S CLIMATE VULNERABILITIES & SOLUTIONS SYMPOSIUM



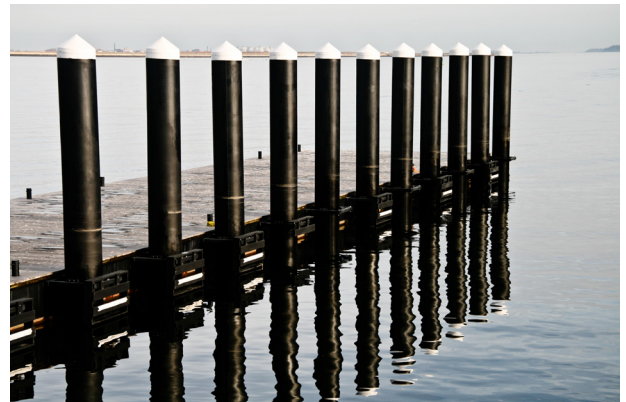


## BUILDING RESILIENCE TOOLKIT

A Better City has updated its nationally-recognized Building Resilience Toolkit in coordination with Boston's Climate Vulnerabilities & Solutions Symposium. The toolkit is a resource for facilities to explore available technologies to adapt to climate change impacts and gather an understanding of their costs, benefits, and available vendors.

The eleven new technologies in the 2016 edition are:

- Batteries
- District Energy
- Cool Pavements
- Microgrids
- Passive Cooling
- Remote Ground Subsidence Monitoring
- Saltwater Plants
- Stormwater Retention
- Underfloor Low Velocity Air Displacement
- Variable Refrigerant Flow
- Smart Wave Buoys



For more information on the Building Resilience Toolkit visit: <http://challengeforsustainability.org/resiliency-toolkit>



# BUILDING RESILIENCE TOOLKIT

## BOSTON'S CLIMATE VULNERABILITIES & SOLUTIONS SYMPOSIUM







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