

# A'18 AIA Conference on Architecture 2018

## June 21-23, New York City

### Don't Miss A'18!

Get ready for three immersive days of what's new and now in architecture and design, hosted in one of the most iconic cities in the world. At A'18, some of the most creative architects, designers, and firms will share how they're creating their own blueprint and making a difference in cities of every size all over the world.

Shuttle service will be provided between the Javits Center, New York Hilton Midtown, and the New School at approximately 10- to 15-minute intervals, June 21st-23rd, 6am-12:30pm. (Shuttle schedule may vary due to traffic and weather conditions.)

Learn what went into building a Hurricane Strong demo home in Breezy Point in this unique session. You'll hear how industry leaders, design professionals, and educators collaborated to design and build a state-of-the-art resilient home that's also sustainable and uses some of the newest materials available.

Building beyond code is a prelude to the upcoming code cycles. This session will provide you with essential knowledge to design for wind, water, and energy challenges to meet high-performance building criteria. You'll be able to apply these design concepts to buildings of any size. The presenters will also share metrics for comparative performance and costs.

#### Learning Objectives:

1. Understand new building codes, the benefit of building beyond code, and regulations for structures in affected flood and severe wind zones, as well as learn to read and understand FEMA flood maps.
2. Learn to demonstrate technical knowledge in the design and detail of new structures that incorporate disaster resilience best practices.
3. Explore how key resources and integrated materials technology will address energy and resilient needs far into the future.
4. Hear how to access programs that tie affordability, homeowners' insurance credits, and economic well-being to achieve a state of disaster resilience.

### NYC's Resilient Shoreline Communities: Rebuilding Waterfront Neighborhoods After Sandy

**June 20, 2018 from 9:30AM - 4:30PM**

Please arrive at the tour departure area, located at the Javits Center, at least 15 minutes before the departure time to check-in and scan your badge. You can also meet the tour and scan your badge at the NY Waterway, Pier 11/Wall Street ferry terminal, Pier 11 at South Street, at 9:30am.

Take a scenic ferry ride to the Rockaways where waterfront neighborhoods have been rebuilt after being decimated by Superstorm Sandy.

On this full-day tour, organized by AIA New York's Design for Risk and Reconstruction Committee, you'll hear from the architecture, engineering, and landscape architecture firms involved with rebuilding the Rockaways. You'll also get a close look at how they've reduced risk from storms at a variety of scales.

Plus, meet local activist organizations developing relationships in the community, creating "social resilience" to reduce risk in emergencies by having people look out for each other. To wrap up, you'll get the chance to explore the new Rockaways boardwalk.

#### Learning Objectives:

1. Hear about risks posed by rising sea levels and stronger storms on shoreline communities in New York, and examine strategies to plan and design for safety.
2. Learn about the concept of "social resilience" and how community organizations are building stronger ties through neighborhood risk management and emergency preparedness.
3. Discover building practices that protect the health and safety of residents, whether in residential buildings or public facilities.
4. Find out how funding for large resilience projects can make neighborhoods more resilient while creating better urban public space and a more equitable, enduring, connected, and vibrant city.

### Joel W. May Presentation

(TH105) #HurricaneStrong in Breezy Point: Building Back Through Partnerships & Collaboration

**June 21, 2018 from 7:00 AM - 8:00 AM**

Joel W. May, BS, Engineer, LEED Green Associate, FORTIFIED™ Evaluator, Disaster Durable Solutions™ Director of Resilience, BASF Corporation. A multi-disciplined construction subject matter expert, engineer, constructor and building materials manufacturer who holds a Bachelor of Science in Community Development. In 2012, Joel created Disaster Durable Solutions™ for BASF's Performance Materials Business. He is currently working on



Joel W. May - Director of Resilient Construction, Disaster Durable Solutions™ by BASF, Rochester Hills, Michigan

the front lines of mitigation with a world-class network of scientists, academics, manufacturers and other experts who solve real-world building failures and produce solutions with finite, quantifiable results in the infrastructure, commercial and residential markets. For over 25 years, Joel has been working closely with the insurance community, contractors, designers, government and non-government agencies providing construction solutions that are safer, stronger and offer multiple economic and sustainable benefits. In addition to dozens of other certifications, honors, and professional group memberships, he serves on numerous boards for the advancement of sustainable construction, community and code development, risk, building science education and product development. Joel also holds several industry certificates in damage mitigation & restoration, building envelope failure, building science, building inspection, and energy management. He has also overseen Housing and Urban Development-Neighborhood Stabilization Programs as an Inspector. Affiliations include American Institute of Architects, and the Design for Risk and Reconstruction (DfRR) Continuing Education Provider and Program Administrator, The Federal Alliance for Safe Homes-FLASH-Education and Project Committee, and Roofing Industry Committee on Weather Issues (ROCOWI)-Wind and Hail Inspector. Joel is also growing the Insurance Institute for Business and Home Safety FORTIFIED program as a FORTIFIED Rater and Wise Associate. His training includes United States Green Build Council LEED-Green Associate, Building Performance Institute-Building Sciences, Oakland University-EMCP Energy Manager, Harcourt Property Management School-Certified Building Inspector, METS-Certified Mold and Healthily Home, Michigan State University-Certified Waste Water Evaluator, and is Licensed by the State of Michigan-Builder.

