

Engaging the Storm: Approaches to Innovative Resiliency

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Abstract

In this session, Jay Valgora will review various Case Studies of STUDIO V Architecture's waterfront projects in New York City and New Jersey. These case studies will reveal several innovative coastal resiliency and design approaches that are being implemented as an answer to vulnerability on the metro area's waterfront. These projects are examples of how the city is responding to the devastation caused by Superstorm Sandy in 2012, including the Halletts Point, the first waterfront project to be approved after the storm.

Keywords: Resiliency; Waterfronts; Coastal; Deployable Flood Walls; Wetlands; Stormwater; Blackwater Treatment; Cogeneration; Green Roofs; Berm; Floating Structure; Riparian Gardens

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