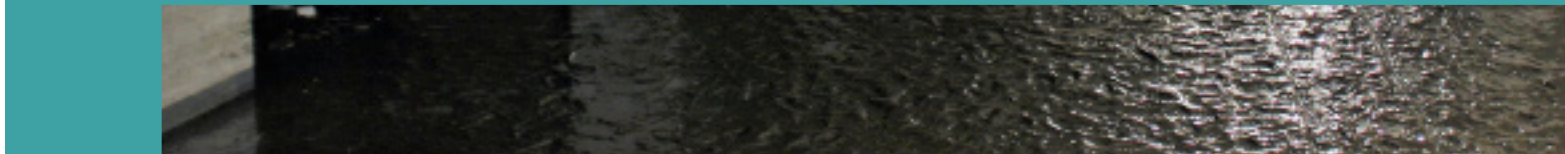


# 30 Forensic Engineering.



## Flood Risk Assessment

### DETAILED.

### CUSTOMIZED.

### FORWARD-LOOKING.

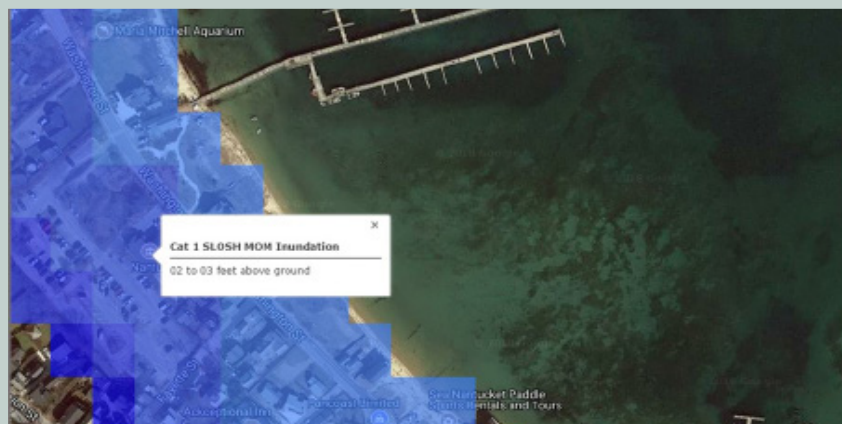
Sea levels and temperatures are rising, and the intensity and frequency of significant storm events are increasing.

**30 Forensic Engineering** has been involved with sufficient catastrophic loss events to recognize the value of good preparation and investment in loss prevention.

To be prepared for flood events and to avoid the need for rushed last-minute preparations, both residential and commercial property owners and managers must understand the risks associated with their specific situation. To this end,

**30 Forensic Engineering's** flood risk assessment approach is to provide services that ensure that:

- Specific flood risk vulnerabilities are identified
- Tangible action plans are proposed, related to preventative maintenance, property upgrades, and emergency equipment procurement and storage
- Resilience and community-wide considerations are included in recommendations
- Help reduce claims costs associated with a flood event

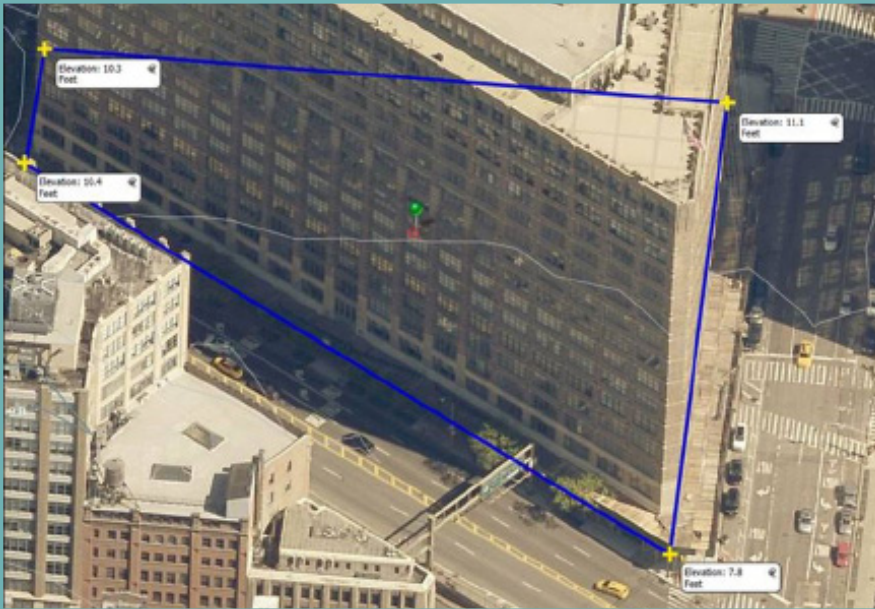


### Risk Assessment

- Site-specific topographical mapping
- Assessment of storm surge and rainfall risk areas
- Review of structural features – windows, doors, access points

### Mitigation Planning

- Identification of preventative maintenance opportunities to landscaping & structure
- Proposal for permanent and/or temporary flood-mitigation equipment
- Review of broader resilience upgrade opportunities



## Meet Our Team



**Jeff Reitsma**

Vice President & Practice Lead, Remediation  
Infrastructure



**Terrence Holder**

Practice Lead, Civil/Structural Failure  
Building Envelope



**Ben Descloids**

Associate, Materials & Product Failure  
Piping & HVAC



**Joel Bott**

Engineering Technologist  
Design Lead



**Xiangyu Li**

Associate, Geotechnical Engineering  
Drainage



**Bradley Walker**

Associate, Materials & Product Failure  
Site Modelling



Affiliated with the Flood Barrier America Consortium  
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