

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, 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, and support insurance policy and risk discussions



30 Forensic Engineering

Vancouver (604) 674-1100
Calgary (403) 208-4545
Toronto (416) 368-1700
Ottawa (613) 903-6900

www.30fe.com



Risk Assessment

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

Meet Our Team



Jeff Reitsma, MBA, PMP, P.Eng.
jreitsma@30fe.com
Vice President & Practice Lead,
Remediation
Infrastructure



**Terrence Holder, B.Eng.,
M.A.Sc., BSSO, CFEI, P.Eng.**
tholder@30fe.com
Practice Lead, Civil/Structural Failure
Building Envelope



**Vito Schifano, Ph.D., P.E.,
P.Eng.**
vschifano@30fe.com
Practice Lead, Geotechnical
Engineering
Drainage



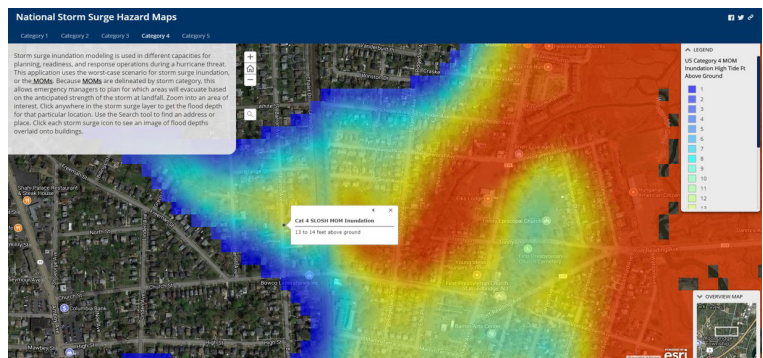
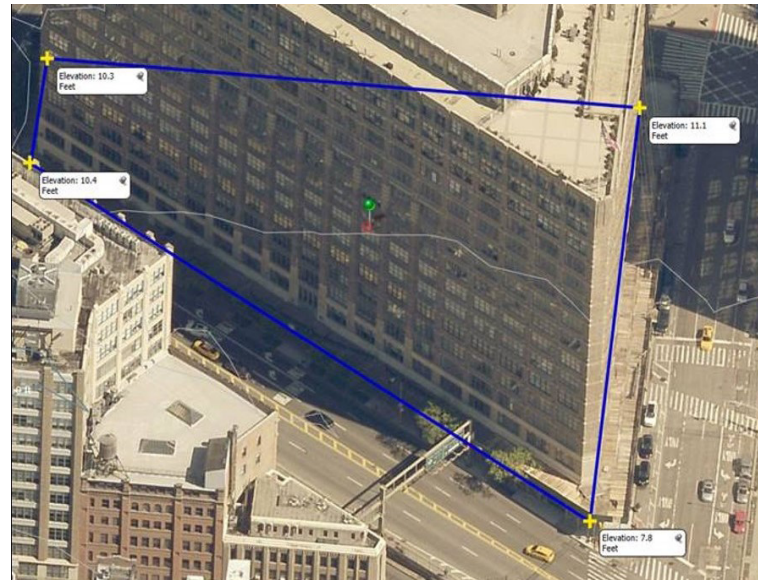
Joel Bott, C.E.T., B.C.Q
jbott@30fe.com
Engineering Technologist
Design Lead



Dave Swan
Consultant
Flood Mitigation

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



30 Forensic Engineering

Vancouver (604) 674-1100
Calgary (403) 208-4545
Toronto (416) 368-1700
Ottawa (613) 903-6900

www.30fe.com

