

Agenda

Presented by Dave Hampton, Jr. and Isabel Kaubisch

Cities and Towns at the Frontlines of a Changing Climate

What is coastal? What is resilience?
How municipalities can lead on climate adaptation
Identifying hazards to coastlines and to coastal construction: sea level rise, flooding, storm surge, erosion, extreme weather events, temperature extremes and others

Regulation of Coastal Areas and Coastal Construction

FEMA, the National Flood Insurance Program and Flood Insurance Rate Maps
Reviewing regulations
Using climate resiliency checklists and frameworks

Engaging Cities and Towns in Coastal Resilience, part 1

Helping clients understand coastal resilience
Developing a coastal resilience vocabulary and literacy
Reviewing existing plans and mapping
Engaging municipal government, local stakeholders, vulnerable populations
Identifying information gaps, hazards and risks
Finding strengths, opportunities and prioritizing actions

Engaging Cities and Towns in Coastal Resilience, part 2

Case Study: Massachusetts Municipal Vulnerability Preparedness (MVP) program
Other best practice examples

Coastal Management Techniques at Building, Site and Community Scales

Building and site scale
• Wet/dry floodproofing • Flood pathways and barriers
Community-scale actions
• Elevating structures • Buyouts/acquisitions
• Transfer of development rights
• Managed relocation • Case studies and best practice examples

Blue-Green, Hybrid & Gray Coastal Infrastructure

Traditional coastal infrastructure
• Coastal armoring: seawalls, levees, revetments, breakwaters
Blue-green and hybrid coastal infrastructure
• Beach restoration and nourishment
• Dunes and coastal banks • Living shorelines, reefs and constructed wetlands
• Marsh creation and enhancement
• Living breakwaters • Case studies and best practice examples

Putting Coastal Resilience into Practice

A rapid-paced collaborative workshop on a site-specific location at multiple scales
• Working between disciplines with seminar peers
• Developing a coastal resilience vocabulary and literacy
• Exploring co-benefits with other resilient practices
• Increasing adaptive capacity: social networks and community resilience
• Identifying information gaps, hazards and risks
• Finding strengths, opportunities and prioritizing actions

Planning & Building for Coastal Resilience
Stamford, CT - Friday, August 16, 2019

NON-PROFIT
U.S. POSTAGE PAID
EAU CLAIRE, WI
PERMIT NO. 2016

HalfMoon Education Inc.
PO Box 278
Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

Identify hazards to coastal construction, including sea level rise, flooding, storm surge, erosion and extreme weather events.

Review FEMA and National Flood Insurance Program regulations.

Engage municipalities in coastal resilience planning.

Implement coastal resilience strategies at building and site scales, as well as at community scale.

Discuss beach restoration, coastal banks, living shorelines, constructed wetlands and living breakwaters.

Put coastal resilience into practice in a collaborative workshop where you'll identify best practices for building sites as well as for municipalities.



Planning & Building for Coastal Resilience

Stamford, CT - Friday, August 16, 2019



Identify changing climate hazards for coastlines and coastal construction

Explore FEMA regulation and the National Flood Insurance Program (NFIP)

Discuss coastal management techniques at building, site and community scales

Examine and **compare** traditional coastal infrastructure and hybrid coastal infrastructure

Learn how to put coastal resilience into practice

Continuing Education Credits

Professional Engineers
7.0 Continuing Ed. Hours

Architects
7.0 HSW Continuing Ed. Hours
7.0 AIA LU|HSW

Floodplain Managers
7.0 ASFPM CECS

Contractors
Non-Credit Continuing Ed.



HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG





Dave Hampton, Jr. *Owner and Principal re:ground llc | resiliency strategies in Medford, Massachusetts*
re:ground, llc is a resilience strategies consultancy which involves everyday people in climate adaptation by integrating natural systems and built environments. Mr. Hampton has over 20 years of design, construction administration, planning and adaptation experience. His work abroad includes Haiti, where he led post-earthquake recovery and redevelopment for Architecture for Humanity and J/P Haitian Relief Organization. Mr. Hampton contributed environmental resilience strategies to the Fond des Blancs Town Center Strategic Plan for Build Health International. In post-Hurricane Maria Dominica, he coordinated housing recovery for the UN International Organization for Migration (IOM). His work in the U.S. includes the design and construction administration for five-senior centers for the City of Chicago Department on Aging; public engagement in Bridgeport, Connecticut, for Rebuild by Design; and contribution to a finalist entry for the Boston Living with Water competition, which proposed scalable and replicable disaster risk financing, regulatory intervention, and adaptation strategies. Mr. Hampton holds a master of design studies degree in Risk and Resilience from Harvard GSD, and a bachelor's degree in Architecture from Virginia Tech. He is co-chair of the Boston Society of Architects Committee on Resilient Environments (CORE). Mr. Hampton is currently working with Clarendon Hill consulting for the Town of Nahant as a Massachusetts Municipal Vulnerability Preparedness (MVP) Program certified provider.

Isabel Kaubisch *Nitsch Engineering*
Ms. Kaubisch is a project manager, Resilience Planner and Public Outreach Expert. She is working towards advancing sustainable and resilience projects for municipal and private clients at Nitsch. Ms. Kaubisch develops resilience strategies and solutions with clients that meet their needs. Solutions may include planning and permitting support and nature-based solutions such as green infrastructure measures or stormwater master plans to alleviate coastal flooding or stormwater impacts. Furthermore, she assists with planning of green streets and multi-modal transportation projects and performs hazard mitigation planning support including associated GIS based risk and vulnerability assessments. Certified as a Municipal Vulnerability Preparedness provider, Ms. Kaubisch is working with coastal and inland communities. She has been engaged in renewable energy projects for over 17 years and she has substantial expertise with planning and permitting of projects onshore and offshore and brings a solid understanding of the supply chain industry and with conducting port infrastructure assessments for a variety of developers. Ms. Kaubisch enjoys working with multi-disciplinary teams to advance livable, resilient and sustainable places and communities.

Seminar Information

Stamford Marriott Hotel 243 Tresser Blvd. Stamford, CT 06901 (203) 357-9555	Registration 8:00 - 8:30 am Morning Session 8:30 - 11:45 am Lunch (on your own) 11:45 am - 12:45 pm Afternoon Session 12:45 - 5:00 pm
Tuition \$289 for individual registration \$269 for three or more registrations. <i>Included with your registration:</i> Complimentary continental breakfast and printed seminar manual.	
How to Register - Visit us online at www.halfmoonseminars.org - Mail-in or fax the attached form to 715-835-6066 - Call customer service at 715-835-5900	

Cancellations: Cancel at least 48 hours before the start of the seminar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar or the self-study package. You may also send another person to take your place.



Additional Learning

Webinar Series

Basics of Fluid Mechanics

- Fluid Mechanics Overview and Theory**
Tues., July 16, 2019, 11:00 AM - 1:00 PM CDT
- Fluid Statics and Fluid Dynamics**
Tues., July 16, 2019, 1:30 - 3:30 PM CDT
- Fluid Dynamics Theory and Applications, Part I**
Wed., July 17, 2019, 11:00 AM - 1:00 PM CDT
- Fluid Dynamics Theory and Applications, Part II**
Wed., July 17, 1:30 - 3:30 PM CDT

NFPA 70E

- NFPA 70E, Part I**
Wed., July 24, 2019, 11:00 AM - 3:30 PM CDT
- NFPA 70E, Part II**
Thur., July 25, 2019, 11:00 AM - 3:30 PM CDT

Shallow Foundations

- Evaluating Building Sites**
Thurs., July 25, 2019, 11:00 AM - 12:30 PM CDT
- Shallow Foundation Design**
Thurs., July 25, 2019, 1:00 - 2:30 PM CDT
- Special Considerations in Foundation Design and Construction**
Fri., July 26, 2019, 11:00 AM - 12:30 PM CDT
- Soil Improvement and Foundation Diagnosis and Repair**
Fri., July 26, 2019, 1:00 - 2:30 PM CDT

Foundation Damage and Repair

- Science of Structures and Soils**
Tues., July 30, 2019, 11:00 AM - 12:30 PM CDT
- Foundation Design and Construction**
Tues., July 30, 2019, 1:00 - 2:30 PM CDT
- Diagnosing Foundation and Slab Damage and Evaluating Repair Methods**
Wed., July 31, 2019, 11:00 AM - 12:30 PM CDT
- Diagnosing Basement Wall Damage and Evaluating Repair Methods**
Wed., July 31, 2019, 1:00 - 2:30 PM CDT

For more information visit:
www.halfmoonseminars.org/webinars/

Can't Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!
Audio recordings of this seminar are available for purchase starting at \$269. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.



Registration

Planning & Building for Coastal Resilience
Stamford, CT - Friday, August 16, 2019

How to Register	Registrant Information
Online: www.halfmoonseminars.org	Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip: _____ Occupation: _____ Email: _____ Phone: _____
Phone: 715-835-5900	Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____ Name: _____ Occupation: _____ Email: _____ Phone: _____
Fax: 715-835-6066	Complete the entire form. Attach duplicates if necessary.
Code:	
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278	Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.
() I need special accommodations. Please contact me.	

Tuition

() **I will be attending the live seminar.** Single Registrant - **\$289.00**. Three or more registrants from the same company registering at the same time - **\$269.00** each.

() **I am not attending.** Please send me the self-study package:

- ☐ Downloadable MP3 Audio/PDF Manual for **\$269.00**.
- ☐ CD/Manual Package for **\$289.00**.

(S&H included. Please allow five weeks from seminar date for delivery)

Checks: Make payable to HalfMoon Education Inc.

Credit Card: *Mastercard, Visa, American Express, or Discover*

Credit Card Number: _____

Expiration Date: _____ CVV2 Code: _____

Cardholder Name: _____

Billing Address: _____

City: _____ State: _____ Zip: _____

Signature: _____

Email: _____

