Learning Objectives

Identify the causes and types of floods, and describe what types of flooding may occur at different locations.

Obtain and interpret flood maps, including FEMA flood zone designations, flood insurance rate maps, and coastal flood hazard zones.

Make informed decisions on what to build and where to build based on risk assessment and flood insurance availability and cost.

Comply with federal, state and local floodplain regulations, including permit requirements and regulations for new buildings in A and V zones.

Discuss when flood insurance is required and when it is recommended.

Review flood insurance coverage and exclusions, and understand flood insurance policy costs.

Presented by William Nechamen, CFM

Understanding Floods, Floodplains and Floodplain Management
- National and New York State figures
- Causes and types of floods
- Coastal Floods and Floodplains
- History and development of flood maps, flood insurance and floodplain management

Role of the National Flood Insurance Program (NFIP)
- Exercise: What types of flooding may occur in different locations?

Obtaining and Interpreting Flood Maps
- Development of flood maps
- Understanding FEMA flood zone designations
- Examining Flood Insurance Rate Maps (FIRMs)
- Map modernization and digital flood map implementation policy
- Multi-year flood hazard identification plan

Reading and interpreting flood maps

Coastal flood hazard zones
- Examining the impact of flood designating and mapping
- Exercise: Finding flood zones and base flood elevations

Federal, State and Local Floodplain Regulation
- Reviewing NFIP regulations (44 CFR 60.3 regulatory steps)
- Understanding permit requirements
- Analyzing encroachments
- Constructing new buildings in A and V zones

Complying with state regulations
- Exercise: Compliance requirements

Letters of Map Change
- The LOMC Alphabet Soup (LOMAs, LOMRbs, CLOMRs, LOMR-F)
- LOMA and LOMR-F requirements and processes
- LOMRs

Why get a conditional LOMC?
- Exercise: What LOMCs would apply?

Examining Flood Insurance Requirements
- Flood insurance – A public-private partnership
- When is flood insurance required? Recommended?
- Flood insurance coverage and exclusions
- What happens if you do not have flood insurance?
- Filing a flood insurance claim
- Flood insurance policy costs
  - Policy categories (pre- and post-FIRM, building categories, flood zones and loss history)
  - Policy rating trends and federal requirements
  - How to lower your costs

Exercise: Flood insurance requirements, availability, and recommendations

You’ll be able to:

Explore floods, floodplains, and floodplain management

Obtain and interpret flood maps

Review federal, state, and local floodplain regulations

Understand Letters of Map Change

Examine flood insurance requirements and costs

Review flood insurance coverage and exclusions

Professional Engineers: 7.0 Continuing Ed. Hours

Architects & Landscape Architects: 7.0 HSW Continuing Ed. Hours

Floodplain Managers: 7.0 ASFPM CECs

Contractors: Non-Credit Continuing Ed.
Additional Learning

Webinar Series

Aerial Mapping Technologies and Procedures
- Overview of Aerial Mapping Technologies and Platforms
  Thurs., Jan. 23, 2020, 10:00 AM - 1:00 PM CST
- Mapping Using UAVs and Photogrammetry
  Thurs., Jan. 23, 2020, 10:00 - 3:00 PM CST
- Post Processing Software Applications and Photogrammetry Demonstration
  Fri., Jan. 24, 2020, 11:00 AM - 1:00 PM CST
- FAA Commercial UAV Regulations and FAA Part 107
  Fri., Jan. 24, 2020, 1:30 - 3:00 PM CST

Pumping and Piping Systems
- Introduction to Pumps: Operation, Principles and Calculations
  Thurs., Feb. 6, 2020, 10:00 AM - 1:00 PM CST
- Pumping and Piping Design Standards and Codes
  Thurs., Feb. 6, 2020, 1:30 - 2:30 PM CST
- Piping System Components, Materials and Calculations
  Fri., Feb. 7, 2020, 11:00 AM - 1:00 PM CST
- Handling Pump and Piping System Problems
  Fri., Feb. 7, 2020, 1:30 - 2:30 PM CST

For more information and other online learning opportunities visit:
www.halfmoonseminars.org/webinars/

Registration Information

Syracuse, NY - Thursday, February 20, 2020

How to Register

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Complete the entire form. Attach duplicates if necessary.

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Tuition

$269.00 for individual registration
$269.00 for three or more registrations.

Cancellations: Cancel at least 48 hours before the start of the seminar, and receive a credit toward another seminar. You may also send another person to take your place.

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