Agenda

Presented by Wendy Lathrop, PLS, CFM

Mapping, Managing and Regulating Floodplains
Jessup, MD - Friday, October 26, 2018

Learning Objectives

You’ll be able to:

1. **Identify** floodplains and define the three basic types of flooding.
2. **Explore** flood insurance rate map (FIRM) contents and development.
3. **Examine** the impact of flood zone designations and mapping.
4. **Discuss** the role of elevation certificates in the NFIP.

Floodplains, Floodways, and Coastal Conditions: Impact on Development

- **Identify** floodplains and define the three basic types of flooding.
- **Explore** flood insurance rate map (FIRM) contents and development.
- **Examine** the impact of flood zone designations and mapping.
- **Discuss** the role of elevation in the National Flood Insurance Program (NFIP).

Elevations in the NFIP

- The impact of elevations in the NFIP
- Sources of elevation
- The role of elevation certificates in the NFIP and related technical guidance

Federal, State, and Local Floodplain Regulation

- Federal NFIP regulations: where, what, and why
- Effects of regulations and legislation on building construction and improvement
- The role of lenders in the NFIP
- State and local roles in regulating floodplain development
- The role of advisory elevation and mapping data

Practical Applications

- Technical guidance and advisory documents
- Preparing for resiliency
- Planning for future conditions
- Practical applications exercise

You’ll be able to:

1. **Identify** floodplains and define the three basic types of flooding.
2. **Explore** flood insurance rate map (FIRM) contents and development.
3. **Examine** the impact of flood zone designations and mapping.
4. **Discuss** the role of elevation in the National Flood Insurance Program (NFIP).
5. **Understand** federal, state and local roles in regulating floodplain development.
6. **Receive** practical guidance on preparing for resiliency and planning for future conditions.

Continuing Education Credits

- **Professional Engineers**
  - 6.5 PDHs
- **Architects**
  - 6.5 HSW Learning Units
  - 6.5 AIA HSW Learning Units
- **Floodplain Managers**
  - 6.5 ASFPM CECs
- **Landscape Architects**
  - 6.5 PDHs
  - 6.5 LA/CES HSW PDHs
Wendy Lathrop, PLS, CFM  Cadastral Consulting, LLC

Ms. Lathrop is president and owner of Cadastral Consulting. She is licensed as a professional land surveyor in New Jersey, Pennsylvania, Delaware, and Maryland, and as a professional planner in New Jersey. She holds a Master’s degree in Environmental Policy, and has been involved in surveying since 1974 in projects ranging from construction to boundary to environmental land use disputes. Ms. Lathrop is also a certified floodplain manager through the Association of State Flood Plain Managers (ASFPM). A former adjunct instructor at Mercer County College in New Jersey, Ms. Lathrop has also taught as part of the team for the licensing exam review course at Drexel University in Pennsylvania. She has been teaching seminars for surveyors since 1986 and has been writing articles for surveyors since 1983. She is a contributing editor for The American Surveyor magazine, and has four articles included in the American Bar Association’s text, Land Surveys: A Guide for Lawyers and Other Professionals. She and Stephen V. Espotreg, PLS, PE, recently completed co-authoring a book entitled Professional Surveyors and Real Property Descriptions: Composition, Construction, and Comprehension, published by John Wiley & Sons, Inc. Ms. Lathrop is a past president of the New Jersey Society of Professional Land Surveyors and of the National Society of Professional Surveyors, and she has served on the Board of Directors for the American Association for Geospatial Surveying.

Here’s what past attendees had to say about the program and presenter Wendy Lathrop:

"Very good information." — Environmental engineer

"Great content and delivery." — Environmental engineer

— Land development professional

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 PDHs to professional engineers, 6.5 HSW LUs to architects and 6.5 HSW PDHs to landscape architects in most states, including Maryland. The Maryland Board for Professional Engineers has approved HalfMoon Education as a CPE provider. This is a Category A engineer course.

This seminar is approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. 1888). Courses approved by the American Institute of Architects are considered approved for Maryland architects.

This activity offers 6.5 HSW PDHs to Maryland landscape architects. This course is deemed acceptable, as it has been approved by the Landscape Architecture Continuing Education System for 6.5 HSW PDHs.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana, Maryland, New Jersey (Approval No. 240000007070), New York (NYSED Sponsor No. 33), North Carolina, and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York architects and landscape architects.

Only full attendance can be reported to the AIA/CES and the LA/CES. The Association of State Floodplain Managers has approved this event for 6.5 CEUS.

Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

Additional Learning

Webinar Series

International Green Construction Code

- Introduction to the International Green Construction Code (IgCC)
  Thurs., Sept. 20, 2018, 11:00 AM - 12:30 PM CDT
  Chapters 4-5: Site Development and Material Use
  Thurs., Sept. 20, 2018, 1:00 - 2:30 PM CDT
  Chapters 6-9: Energy, Water, Environmental Quality and Building Commissioning
  Fri., Sept. 21, 2018, 11:00 AM - 12:30 PM CDT
  Chapters 10-11: Existing Buildings
  Fri., Sept. 21, 2018, 1:00 - 2:30 PM CDT

Slope Stabilization and Landslide Prevention

- Analyzing the Stability of Slopes
  Tues., Sept. 25, 2018, 11:00 AM - 2:15 PM CDT
- Slope Stabilization Methods
  Thurs., Sept. 27, 2018, 11:00 AM - 2:15 PM CDT

Tues., Sept. 25, 2018, 8:00 AM - 4:00 PM CDT
Thurs., Sept. 27, 2018, 8:00 AM - 4:00 PM CDT

Thursday, Sept. 27, 2018 @ 12:15 PM CDT

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

Registration

Mapping, Managing and Regulating Floodplains

Jessup, MD - Friday, October 26, 2018

How to Register

Online:
www.halfmoonseminars.org

Phone:
715-835-5900

Fax:
715-835-6066

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

How to Register

Online:
www.halfmoonseminars.org

Phone:
715-835-5900

Fax:
715-835-6066

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

Can’t Attend? Order the CD/Manual Package:
An audio recording of this seminar is available for $289 (including shipping). Allow five weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Cadastral Consulting, LLC

© 2018 HEI #18 MDMMFLD 10 26 JSUP CP