Agenda

Floods, Floodplains and Introduction to Floodplain Management
Floodplain identification and terminology
Flood hazards and flood risks
Three basic types of flooding (and other “unique” types)
Floodplains, floodways and coastal conditions: impact on site development
Why floodplain management matters:
Objectives and purpose of the National Flood Insurance Program (NFIP)
Evolution of the NFIP and its components
NFIP approaches to floodplain management

Flood Maps and Flood Zones
Flood Insurance Rate Map (FIRM) contents and development
Understanding flood zone designations
Approaches to mapping floodplains
Components of flood maps
Digital mapping
Map modernization and risk MAP
Flood insurance study (FIS) reports
Impacts of flood zone designations and mapping
Understanding, distinguishing between, and requesting letters of map change (LOMC)

Elevations in the National Flood Insurance Program (NFIP) and Floodplain Regulation
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 Floodplain Management
Technical guidance and advisory documents
Floodplain management approaches and techniques
Preparing for resiliency
Planning for future conditions

Learning Objectives

You’ll be able to:
Identify floodplains, and describe the purpose for (and necessity of) floodplain management.
Explain the objectives and purposes of the National Floodplain Insurance Program (NFIP).
Describe the contents of flood insurance rate maps (FIRM), and understand the impacts of flood zone designations and mapping.
Identify the impact of elevations in the NFIP.
Consider the effects of floodplain regulation on building construction and improvement.

Mapping, Managing and Regulating Floodplains
Fort Washington, PA - Thursday, April 2, 2020

Define floodplains, floodways and three basic flood types
Examine the impacts of flood zone designation and explore the process of floodplain mapping
Discuss the role of elevation certificates in the NFIP

Continuing Education Credits
Professional Engineers
6.5 PDHs

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

Floodplain Managers
6.5 ASFPM CECs

Contractors
Non-Credit Continuing Ed.
Facility

Wendy Lathrop, PLS, CFM President and owner of Cadastral Consulting, LLC

Ms. Lathrop 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. She served as a representative of the surveying profession on both the first and second Technical Mapping Advisory Councils to FEMA (1996-2000 and 2014-2018 respectively). Additionally, she served on a panel studying flood hazard mapping accuracy for the National Academies of Science, resulting in the 2009 report “Mapping the Zone: Improving Flood Map Accuracy.” Ms. Lathrop is a contributing editor for The American Surveyor magazine, and she has four articles included in the American Bar Association’s text, Land Surveys: A Guide for Lawyers and Other Professionals. She and Stephen V. Estopinal, PLS, PE co-authored a book entitled Professional Surveyors and Real Property Descriptions: Composition, Construction, and Comprehension, published by John Wiley & Sons, Inc. in 2011. She is also on the faculty of GeoLearn, a web-based educational provider. 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 Geodetic Surveying.

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

“An excellent, in-depth course - lots of examples. Wendy is very well versed in this subject” — Land surveyor

“Very good information.” — Environmental engineer

“Great content and delivery.” — Land development professional

Seminar Information

Hilton Garden Inn
Fort Washington
550 W. Pennsylvania Ave.
Fort Washington, PA 19034
(215) 646-4637

Tuition
$299 for individual registration
$279 for three or more registrations.

Included with your registration: Complimentary continental breakfast and printed seminar manual.

How to Register
Visit us online at www.halfmoonseminars.org or fax the attached form to 715-835-6066.
Call customer service at 715-835-5900.

Registration
11:00 - 12:30 pm Registration
Morning Session
8:00 - 8:30 am Registration
9:00 - 10:00 am Session
Lunch (on your own) 12:15 - 1:15 pm Session
Afternoon Session
11:30 - 1:30 pm Session

Continuing Education Credit Information
This seminar is open to the public and offers 6.5 PDHs to professional engineers and land surveyors and 6.5 HSW continuing education hours to architects and landscape architects in most states, including Pennsylvania. Educators and courses are not subject to pre-approval in Pennsylvania. This seminar is approved by the American Institute of Architects Continuing Education System for 6.5 LU|HSW (Sponsor No. J885) and the Landscape Architecture Continuing Education System for 6.5 HSW PDHs. Only full attendance is reportable to the AIA/CE/ES and LA/CE/ES. Visit www.halfmoonseminars.org for complete AIA/CEES information under this course listing.

HalfMoon Education is an approved continuing education sponsor for New York engineers, land surveyors, architects and landscape architects.

The Association of State Floodplain Managers has approved this seminar for 6.5 CEUs for certified floodplain managers. This course offers a non-credit continuing education opportunity to construction contractors.

Audience will be monitored and attendance certificates will be available after the seminar for those 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
Foundation Damage and Repair
Design & Geo Environmental Loading, Building Codes, Soil Properties
Wed, March 4, 2020, 11:00 AM - 12:30 PM CST
Foundation-Slab-Wall Design and Construction
Wed, March 4, 2020, 1:00 - 2:30 PM CST
Evaluation of Foundation-Slab Damage and Repair Alternatives
Thurs., March 5, 2020, 11:00 AM - 12:30 PM CST
Evaluation of Foundation Wall Damage and Repair Alternatives
Thurs., March 5, 2020, 1:00 - 2:30 PM CST

Solar Photovoltaic Project Design and Development
Solar Photovoltaic Project Design and Development, Part I
Wed, March 4, 2020, 11:00 AM - 2:15 PM CST
Solar Photovoltaic Project Design and Development, Part II
Thurs., March 5, 2020, 11:00 AM - 2:30 PM CST

International Residential Code
Development and Enforcement of International Residential Code
Thurs., March 12, 2020, 11:00 AM - 12:00 PM CST
IRC Building Planning and Shell Construction, Part I
Thurs., March 12, 2020, 1:00 - 4:00 PM CST
IRC Building Planning and Shell Construction, Part II
Fri., March 13, 2020, 10:00 AM - 12:30 PM CST
IRC Energy Efficiency and Building Systems
Fri., March 13, 2020, 1:00 - 5:00 PM CST

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

Webinar Registration
Thurs., March 5, 2020, 11:00 AM - 2:15 PM CST

Credit Card Payment Instructions
Register online or call customer service at 715-835-5900.
Checks: Mail to HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278.

Tuition
$279.00 seminar registration.
$299.00 seminar registration and USB/Manual Package.
Three or more registrants from the same company registering at the same time - $279.00 each.

Refund Policy
Cancellations within 48 hours will receive a credit toward another seminar or the self-study package.

Requests for program changes or cancellations will be mailed to participants within fifteen business days.

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