

# Agenda

Presented by William Nechamen, CFM

## Agenda Day One

### Flood Insurance Rate Maps, Flood Insurance Studies, and Letters of Map Change

- History and types of flood maps
  - Levels of detail
  - Flood zones
  - Flood mapping planning and needs
- Reading and interpreting flood maps
  - Map panel and index information
  - Map features
- Flood insurance studies
  - Purpose and contents
  - Floodway data table
  - Stream profiles
- Obtaining and using flood maps
- Map determinations
- Letters of Map Change
  - Introduction to and purpose of LOMCs
  - Letters of Map Amendment
  - Letters of Map Revision based on fill
  - Letters of Map Revision

## Agenda Day Two

### National Flood Insurance Program and International Building Codes: Development Standards for Floodplains

- Types of floods and floodplains
- Introduction to FEMA's Floodplain Regulatory Staircase: 44CFR60.3
- Introduction to the International Building Code and relationship to FEMA regulations
- Key terms and concepts
  - Flood zones
  - Lowest floor
  - Basement
  - Utilities
  - Areas below the lowest floor
- Ways to elevate
- Floodways
- Base flood elevations, design flood elevations, and freeboard
- Flood zones that do not have flood elevations
- Substantial improvement and substantial damage
- Floodproofing
- Manufactured homes
- Recreational vehicles
- Historic structures
- Variances

### Can't Attend? Order the Webinar as a Self-Study Package!

Recordings of this webinar are available for purchase. See course listing online 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.

## Floodplain Mapping, Insurance and Regulation

Online - Wed., August 10 and Thurs., August 11, 2022

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:

- Obtain** and interpret flood maps, and explore flood insurance studies.
- Discuss** Letters of Map Change, Letters of Map Amendment, and Letters of Map Revision.
- Identify** and describe the causes and types of floods.
- Reference** and comply with National Floodplain Insurance Program and International Building Code floodplain development standards.
- Comply** with floodplain regulations for manufactured homes, recreational vehicles, and historic structures.



## HalfMoon Education Live Webinars

# Floodplain Mapping, Insurance and Regulation

Live, Interactive Webinar  
Wednesday, August 10 and Thursday, August 11, 2022



- Read** and interpret flood maps
- Understand** flood insurance studies
- Work** with Letters of Map Change
- Discuss** types of floods and floodplains
- Examine** IBC and FEMA floodplain regulations
- Learn** about ways to elevate and floodproof

## Continuing Education Credits

- Professional Engineers**  
6.0 PDHs
- Architects**  
6.0 HSW CE Hours  
6.0 AIA LU | HSW
- Landscape Architects**  
6.0 HSW CE Hours  
6.0 LA CES HSW PDHs
- Land Surveyors**  
6.0 PDHs (in Most States)
- Floodplain Managers**  
6.0 CECs
- Certified Planners**  
CM | 6



HalfMoon Education Inc.  
WWW.HALFMOONSEMINARS.ORG

# Faculty

**William Nechamen, CFM** *Principal and Owner of Nechamen Consulting, LLC*  
Mr. Nechamen was the Floodplain Coordinator for the State of New York Department of Environmental Conservation for 21 years. During that period, he helped to promote higher floodplain standards in New York, including enacting a two foot “freeboard” requirement in New York’s building code, saving property owners millions of dollars in flood losses and flood insurance premiums.

One of the founders of the New York State Floodplain and Stormwater Managers Association (NYSFSMA), a professional association with over 500 active members, Mr. Nechamen was their first Chair and currently serves the Association as its treasurer and membership coordinator.

Mr. Nechamen has been a Board member of the Association of State Floodplain Managers (ASFPM) at various times for 13 years. ASFPM represents over 15,000 professionals across the United States and internationally and is a key national voice in policies designed to reduce flood risk while preserving the natural and beneficial functions of floodplains. Mr. Nechamen served as chair (2013-2015), vice-chair (2011-2013) and treasurer (2008-2010) and is currently co-chair of the Floodplain Regulations Committee as well as an active Board member. He has received the ASFPM Meritorious Lifetime Achievement in Floodplain Management Award.

In his capacity as Floodplain Coordinator, Mr. Nechamen has led workshops and training sessions on the National Flood Insurance Program (NFIP), floodplain management and regulations, understanding and interpreting flood maps, flood insurance and the Community Rating System.

# Webinar Information

**Day One: Wednesday, August 10, 2022**  
10:00 am - 1:15 pm CDT (including a 15-min. break)

**Day Two: Thursday, August 11, 2022**  
10:00 am - 1:15 pm CDT (including a 15-min. break)  
*(please log into the webinar 15 - 30 minutes before start time)*

**Tuition**  
**\$319** for individual registration  
**\$289** for two or more registrants from the same company at the same time.  
***Included with your registration: PDF seminar manual.***

**How to Register**

- Visit us online at [www.halfmoonseminars.org](http://www.halfmoonseminars.org)
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar. For more information, please visit our FAQ section of our website, or visit [www.gotowebinar.com](http://www.gotowebinar.com).

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

**Can’t Attend? Order the Webinar as a Self-Study Package!**  
Recordings of this webinar are available for purchase. 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.

# Additional Learning

**How to Design and Construct a Cantilever Retaining Wall**  
- Wed, July 13, 2022 | 10:00 am - 12:00 pm CDT

**Stormwater Best Management Practices**  
- Fri, July 15, 2022 | 8:30 am - 5:00 pm CDT

**Advanced HEC-RAS Modeling**  
- Fri, July 22, 2022 | 8:30 am - 4:20 pm CDT

**Highway Bridge Design, Evaluation, Inspection and Rehabilitation**  
- Mon, July 25, 2022 | 8:30 am - 12:15 pm CDT  
- Tues, July 26, 2022 | 8:30 am - 12:15 pm CDT

**Continuing Education Credit Information**  
This webinar is open to the public and offers 6.0 PDHs to professional engineers, 6.0 HSW continuing education hours to licensed architects, and 6.0 HSW continuing education hours to landscape architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 6.0 LU | HSWs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The Landscape Architecture Continuing Education System has approved this course for 6.0 HSW PDHs. Only full participation is reportable to the LA CES.

This webinar offers 6.0 PDHs/CE hours to land surveyors licensed in most states. HalfMoon Education is an approved continuing education sponsor for land surveyors licensed in Indiana (License No. CE10600325), Maryland and North Carolina (S-0130). The Florida Department of Agriculture and Consumer Services has assigned this course number 10138 for surveyors. The Tennessee Board of Examiners for Land Surveyors has approved this course for 6.0 PDHs.

This course has been submitted to the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Professional Landscape Architects for 6.0 PDUs; approval is currently pending. HalfMoon Education is not seeking course approval for New Jersey or Delaware land surveyors.

This webinar has been approved by the Association of State Floodplain Managers for 6.0 CECs for floodplain managers.

HalfMoon Education is an approved CM Provider with the American Planning Association. This course is registered for CM | 6.0 for Certified Planners.

Visit this course listing at [www.halfmoonseminars.org](http://www.halfmoonseminars.org) for updates on pending credits.  
Completion certificates will be awarded to participants who complete this event and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

**Stream Restoration for Design Professionals**  
- Thurs, July 28, 2022 | 9:00 am - 4:30 pm CDT

**Maintenance of Green Infrastructure Practices**  
- Tues, Aug 2, 2022 | 10:00 am - 12:00 pm CDT

**Ethical Issues of the Land Surveying Profession**  
- Thurs, Aug 4, 2022 | 3:00 - 5:00 pm CDT

For more information and other online learning opportunities visit: **[www.halfmoonseminars.org](http://www.halfmoonseminars.org)**

# Registration

**Floodplain Mapping, Insurance and Regulation**  
Live, Interactive Webinar - Wednesday, August 10 and Thursday, August 11, 2022

|                                                                                          |                                                                                                                                                                            |                                                                                                                                                                     |
|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>How to Register</b>                                                                   |                                                                                                                                                                            | <b>Registrant Information</b>                                                                                                                                       |
| <b>Online:</b><br><a href="http://www.halfmoonseminars.org">www.halfmoonseminars.org</a> |                                                                                                                                                                            | Name: _____<br>Company/Firm: _____<br>Address: _____<br>City: _____ State: _____ Zip: _____<br>Occupation: _____<br>Email: _____<br>Phone: _____                    |
| <b>Phone:</b><br>715-835-5900                                                            | <b>Additional Registrants:</b><br>Name: _____<br>Occupation: _____<br>Email: _____<br>Phone: _____<br><br>Name: _____<br>Occupation: _____<br>Email: _____<br>Phone: _____ |                                                                                                                                                                     |
| <b>Fax:</b><br>715-835-6066                                                              | <b>Code:</b>                                                                                                                                                               | <b>Complete the entire form.</b><br>Attach duplicates if necessary.                                                                                                 |
| <b>Mail:</b><br>HalfMoon Education Inc.,<br>PO Box 278, Altoona, WI<br>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 webinar.** Single Registrant - **\$319.00**. Two or more registrants from the same company registering at the same time - **\$289.00** each.  
( ) **I am not attending.** Please send me the webinar recording:  
☐ Streamable MP4 Video/PDF Manual for **\$329.00**.  
☐ USB Video/PDF Manual for **\$329.00**.

**Checks:** Make payable to HalfMoon Education Inc.  
**Credit Card:** *Mastercard, Visa, American Express, or Discover*  
Credit Card Number: \_\_\_\_\_  
  
Expiration Date: \_\_\_\_\_ CV2 Code: \_\_\_\_\_  
  
Cardholder Name: \_\_\_\_\_  
  
Billing Address: \_\_\_\_\_  
  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
  
Signature: \_\_\_\_\_  
  
Email: \_\_\_\_\_