

# Credit and Webinar Information

## Continuing Education Credit Information

See each course listing for the type and amount of each continuing education credit available. Individual courses for engineers and architects are not subject to pre-approval. HalfMoon Education does not apply for landscape courses in FL, NC, and NJ or land surveyor courses in NJ or TN, unless expressly stated.

### HalfMoon Education Certifying Entities

American Institute of Architects Continuing Education System (No. J885)

International Code Council (No. 1232)

Landscape Architect Continuing Education System

American Institute of Certified Planners (AICP)

Boards of Engineering: Florida (No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), and North Carolina (No. S-0130).

### Course-by-Course Providers:

Association of State Floodplain Managers

International Society of Arboriculture

Society of American Foresters

HalfMoon Education is deemed a New York-approved continuing education provider for engineers, architects, and landscape architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2), §69.6(i)(2), and §79-1.5(i)(2)). Only AIA HSW-approved courses qualify for New York engineering credit.

Completion certificates will be awarded to participants who complete this event, respond to prompts, and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

## Webinar Instructions

Each webinar session earns continuing education credit and can be registered for individually. All attendees must log-on through their own email – attendees may not watch together on the same device if they wish to earn continuing education credit. HalfMoon Education Inc. must be able to prove attendance if either the attendee or HalfMoon Education Inc. is audited.

Certificates of completion will be available for download and printing upon completion of a follow-up quiz with at least 80% accuracy (multiple attempts allowed).

Webinars are presented via **GoToWebinar**, an easy-to-use application that can be run on most systems and tablets. Instructions and login information will be provided in an email sent close to the date of the webinar. **It is highly recommended that you download, install and test the application before the webinar begins by clicking on the link in the email.**

### GoToWebinar system requirements:

**Operating System:** Windows 7 - 10, Mac OSX 10.9 (Mavericks) - macOS Catalina (10.15), Linux, Google Chrome OS, Android OS 5 (Lollipop) - Android 9 (Pie), iOS 10 - iOS 12, Windows Phone 8+, Windows 8RT+

**Web browser:** The two most recent versions of Google Chrome or Mozilla Firefox

**Internet connection:** Minimum of 1Mbps, Mobile: 3G or better (WiFi Recommended)

**Hardware:** 2GB of RAM (minimum), 4GB or more of RAM (recommended)

For more information visit the "Support" section at [www.gotowebinar.com](http://www.gotowebinar.com).

## November Short Webinar Catalog

13 Live, Interactive Online Webinars

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



## November Short Webinar Catalog

### 13 short webinars that each take a look at a single subject in November 2021

To register, view webinar agendas, credit information and to learn about our distinguished faculty, please visit us online at: [www.halfmoonseminars.org](http://www.halfmoonseminars.org)

### Special Offer:

Spend \$300 or more on the webinars listed in this brochure and receive 25% off tuition! Use coupon code **NOVSHORT2021** at checkout or give us a call at 715-835-5900 and press 1 for Customer Service.



## HalfMoon Education Live Webinars

# November Short Webinar Catalog

13 webinars that each take a look at a single subject



1. Handling Ethical Issues in Professional Engineering Practice
2. Unreinforced Slope Stability Analysis
3. Focus on Project Documents and Contract Disputes
4. Focus On Solar and Battery Storage for the Residential and Light Commercial Markets
5. How to Think Like a Bee: Creating Pollinator Habitat and Helping Pollinators
6. Ethical Issues in Sustainable Design: Understanding and Preventing Greenwashing
7. How to Design a Reinforced Slope
8. How to Design Detention Basins
9. How To Design Stormwater Management Systems for Residential Sites
10. Best (and Worst) Practices for Retaining Wall Success and Interactive Workshop
11. Focus on Construction Contract Change Orders
12. Focus on Septic System Design
13. Focusing on the Legal Ramifications of Drone Use for Utilities



## 1. Handling Ethical Issues in Professional Engineering Practice

Wednesday, November 3, 2021 | 3:00 - 4:00 pm CDT

**Tuition:** \$75

**Credits:** Professional Engineers: 1.0 Ethics PDH (can be applied to ethics or general requirements)\*

Learn about promoting health and welfare vs. managing risk, protecting the environment, watching the bottom line and integrating new technologies.

**Presented by**

**Brent A. Meyer** *Partner at Husch Blackwell LLP in Omaha, NE*

21 USHEIPEP 11 3 WEBR CP

## 2. Unreinforced Slope Stability Analysis

Wednesday, November 3, 2021 | 10:00 am - 12:00 pm CDT

**Tuition:** \$100

**Credits:** Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours

AIA: 2.0 LU|HSW Landscape Architects: 2.0 HSW CE Hours LA CES: 2.0 HSW PDHs

Floodplain Managers: 2.0 ASFPM CECs International Code Council: .2 CEUs (Sitework)

Learn the fundamentals of slope instability, how soil and geological mechanics relate to slope instability, how geologic conditions and construction practices can improve and restore slope stability and learn equations, calculations and see examples of an unreinforced slope.

**Presented by**

**Bill Simpson P.E.** *Geotechnical Structure Design Specialist at Engineered Earth Solutions, LLC*

21 USUSLPSA 11 3 WEBR LH

## 3. Focus on Project Documents and Contract Disputes

Thursday, November 4, 2021 | 1:00 - 3:00 pm CDT

**Tuition:** \$100

**Credits:** Professional Engineers: 2.0 PDHs\* Architects: 2.0 CE Hours (non-HSW)\*

AIA: 2.0 LU|Elective International Code Council: .2 CEUs (Administration)

Review project documents, examine legal issues and contract disputes and resolve disputes through mediation, arbitration, and litigation

**Presented by**

**Peter W. Hahn** *Partner, Benesch Friedlander Coplan and Aronoff*

**Eric B. Kjellander** *Partner, Benesch Friedlander Coplan and Aronoff*

21 USFOPDCD 11 4 WEBR TB

## 4. Focus On Solar and Battery Storage for the Residential and Light Commercial Markets

Thursday, November 4, 2021 | 9:00 am - 12:00 pm CDT

**Tuition:** \$150

**Credits:** Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours

AIA: 3.0 LU|HSW International Code Council: .3 CEUs (Energy)

Learn about solar plus storage technology - the design, engineering, interconnection and installation of it - review case studies, and learn the future outlook of solar plus storage.

**Presented by**

**Tim Montague, M.S.** *Solar PV expert, NABCEP PV Technical Sales certified solar professional*

21 USFOSBSM 11 4 WEBR AM

## 5. How to Think Like a Bee: Creating Pollinator Habitat and Helping Pollinators

Monday, November 8, 2021 | 12:00 - 1:30 pm CST

**Tuition:** \$100

**Credits:** Professional Engineers: 1.5 PDHs\* Architects: 1.5 CE Hours (non-HSW)\*

AIA: 2.0 LU|Elective Landscape Architects: 1.5 HSW CE Hours LA CES: 1.5 HSW PDHs

International Code Council: .15 CEUs (Sitework)

Learn the importance of native bees and how they live their lives, what plants are best for pollinators and how to plan and manage their habitat.

**Presented by**

**Maria van Dyke, M.S.** *Research & Outreach, Department of Entomology, Cornell University*

21 USH2TLBE 11 8 WEBR CP

## 6. Ethical Issues in Sustainable Design: Understanding and Preventing Greenwashing

Tuesday, November 9, 2021 | 8:30 - 9:30 am CST

**Tuition:** \$75

**Credits:** Professional Engineers: 1.0 Ethics PDH Architects: 1.0 HSW CE Hour

AIA: 1.0 LU|HSW International Code Council: .1 CEU (Sustainability)

Learn how to identify sustainable products and processes, how to identify greenwashing, discuss anti-greenwashing initiatives, and see case studies that evaluate greenwashing.

**Presented by**

**Lauren Valastro** *Partner/Attorney at Diamond McCarthy LLP*

21 USETHISD 11 9 WEBR JB

## 7. How to Design a Reinforced Slope

Wednesday, November 10, 2021 | 10:00 am - 12:00 pm CST

**Tuition:** \$100

**Credits:** Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours

AIA: 2.0 LU|HSW Landscape Architects: 2.0 HSW CE Hours LA CES: 2.0 HSW PDHs

Floodplain Managers: 2.0 ASFPM CECs International Code Council: .2 CEUs (Sitework)

Learn the geosynthetic properties for use in slope stabilization. See equations, calculations, and examples of using geosynthetics to reinforce a slope and review case histories. Discuss techniques for maintaining long term stability.

**Presented by**

**Bill Simpson P.E.** *Geotechnical Structure Design Specialist at Engineered Earth Solutions, LLC*

21 USH2DRSL 11 10 WEBR LH

## 8. How to Design Detention Basins

Wednesday, November 10, 2021 | 1:00 - 3:00 pm CST

**Tuition:** \$100

**Credits:** Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours

AIA: 2.0 LU|HSW Landscape Architects: 2.0 HSW CE Hours LA CES: 2.0 HSW PDHs

Floodplain Managers: 2.0 ASFPM CECs

Learn how detention basins work, review detention requirements, and look at two commonly used detention basin models. Discuss TR-55, see an example HEC-HMS model, and learn about frequently observed design issues.

**Presented by**

**Wade Burcham**

*Wade Burcham, Professional Engineer, Principal Water Resources Engineer with Geosyntec*

21 USH2DDTB 11 10 WEBR PC

## 9. How To Design Stormwater Management Systems for Residential Sites

Wednesday, November 10, 2021 | 11:00 am - 1:00 pm CST

**Tuition:** \$100

**Credits:** Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours

AIA: 2.0 LU|HSW Landscape Architects: 2.0 HSW CE Hours LA CES: 2.0 HSW PDHs

Floodplain Managers: 2.0 ASFPM CECs International Code Council: .2 CEUs (Sitework)

Learn about components, stormwater management plans and design parameters, hydrology theory, storm types, the difference between hyetograph and hydrograph, drainage area maps, detention basin and culvert design, hydraulic theory open channel flow, best management practices, low impact development, and more.

**Presented by**

**Jeffrey A. Brem, PE** *Registered professional engineer in MA, NH, and ME*

21 USH2DSMS 11 10 WEBR JB

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

Recordings of these webinars are available for purchase. See course listings 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. Self-study packages do not qualify for AIA or LA CES credit.

## 10. Best (and Worst) Practices for Retaining Wall Success and Interactive Workshop

Wednesday, November 17, 2021 | 10:00 am - 1:15 pm CST (incl. a 15-min break) **Tuition:** \$150

**Credits:** Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours

AIA: 3.0 LU|HSW Landscape Architects: 3.0 HSW CE Hours LA CES: 3.0 HSW PDHs

Floodplain Managers: 3.0 ASFPM CECs International Code Council: .3 CEUs (Sitework)

Learn how to prevent problems and wall failures through improved site layout and design techniques, and discuss typical causes of structure failure. Review case histories and what measures to take during construction to ensure long term earth structure success

**Presented by**

**Bill Simpson P.E.** *Geotechnical Structure Design Specialist at Engineered Earth Solutions, LLC*

21 USBP4RWS 11 17 WEBR LH

## 11. Focus on Construction Contract Change Orders

Wednesday, November 17, 2021 | 8:30 - 10:30 am CST

**Tuition:** \$100

**Credits:** Professional Engineers: 2.0 PDHs\* Architects: 2.0 CE Hours (non-HSW)\*

AIA: Pending International Code Council: .2 CEUs (Administration)

Learn what a change order is, who initiates the change order process, typical changes that result in change orders and what happens when the parties can't agree.

**Presented by**

**A.J. Manion** *Co-Founder of Manion Stigger, LLP*

**Danny Fuchs** *Partner at Manion Stigger, LLP*

21 USFOCCCO 11 17 WEBR BA

## 12. Focus on Septic System Design

Wednesday, November 17, 2021 | 1:00 - 3:00 pm CST

**Tuition:** \$100

**Credits:** Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours

AIA: 2.0 LU|HSW International Code Council: .2 CEUs (Sitework)

Learn the difference between residential and commercial strength wastewater, how loads are calculated, how systems are typed and sized. Discuss design and installation of systems, and how to manage, monitor, and maintain systems.

**Presented by**

**Frank Aguirre** *President of Frank Aguirre & Associates, Inc. San Antonio*

21 USFOSSDN 11 17 WEBR LH

## 13. Focusing on the Legal Ramifications of Drone Use for Utilities

Friday, November 19, 2021 | 10:00 am - 12:00 pm CST

**Tuition:** \$100

**Credits:** Professional Engineers: 2.0 PDHs\* Architects: 2.0 CE Hours (non-HSW)\*

AIA: 2.0 LU|Elective International Code Council: .2 CEUs (Administration)

Learn about federal and state regulation of UAS and airspace, remote pilot certification, and how to evaluate contractor certifications and experience. Receive information about commercial aviation insurance, auto policies and operational policies, and standard operating procedures.

**Presented by**

**Chuck Adams** *CEO, 1UP Aerial Drone Services, headquartered in Golden, CO*

21 USFOLRDU 11 19 WEBR LH

\*No credit for New York architects or engineers

**To register, view detailed presenter biographies, and see other learning opportunities, please visit:**

**www.halfmoonseminars.org**

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