

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 NJ or land surveyor courses in NJ or DE, unless expressly stated.

HalfMoon Education Certifying Entities

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

International Code Council (No. 1232)

Landscape Architecture 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 engineer and architect credit.

Completion certificates will be awarded to participants who complete these events, 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: 2G 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.

March Short Webinar Catalog 2023

Ten Live, Interactive Online Webinars

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March Short Webinar Catalog 2023

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

Special Offer:

Spend \$400 or more on the webinars listed in this brochure and receive 25% off tuition! Use coupon code **MARCHSHORT2023** at checkout or give us a call at 715-835-5900 and press 1 for Customer Service.

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See course listings online for more information.



HalfMoon Education Live Webinars

March Short Webinar Catalog 2023

Ten webinars that each take a look at a single subject



1. Designing to Manage Wind Loads
2. 2021 International Building Code: Fire Protection
3. In-Place Pavement Recycling Workshop
4. Deep Dive into Drainage Rights
5. Beavers, Ecological Restoration, and Climate Resilience: Issues and Solutions
6. 2021 International Building Code: Means of Egress
7. Embodied Carbon: What It Is and What to Do About It
8. How to Calculate Soil Volumes for Cut and Fill
9. Handling Ethical Issues in Construction
10. How to Use Less “Toxic” Weed Control

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HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG

1. Designing to Manage Wind Loads

Thursday, March 2, 2023 | 9:00 - 11:00 am CST **Tuition:** \$109

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: 2.0 LU|HSW* International Code Council: .2 CEUs (Building)**

Agenda:
Understanding wind loads and applicable building codes
Complying with ASCE 7-22 provisions on wind loads
Designing to manage tornadic loads under ASCE 7-22

Presented by Troy Bishop, P.E., G.C. *President and Founder, Axiom Structures, Pompano Beach, FL*
23 USDMWIND 3 2 WEBR SC

2. 2021 International Building Code: Fire Protection

Wednesday, March 8, 2023 | 12:00 - 4:30 pm CST **Tuition:** \$209

Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours
AIA: 4.0 LU|HSW* International Code Council: .4 CEUs (Fire)**

Agenda:
Relation to the International Fire Code Fire walls
Automatic sprinkler systems Fire alarm systems
Fire areas Smoke control systems
Fire partitions Fire command centers
Fire barriers Mass notification systems

Presented by Joseph Iliff, CBO *Building & Zoning Director for Village of Swansea, Illinois*
23 USIBCFIR 3 8 WEBR WL

3. In-Place Pavement Recycling Workshop

Wednesday, March 8, 2023 | 1:00 PM – 4:15 PM CST **Tuition:** \$159

Credits: Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours
AIA: Pending* Landscape Architects: 3.0 HSW CE Hours LA CES: 3.0 HSW PDHs*

Agenda:
Overview of in-place recycling/general workshop overview
Urban quarry – aggregate sustainability and environmental impacts
Optimizing you design/costing your alternatives
FDR versatility/discussion on sulfates, moisture and other field conditions
Discussion on CIR/PDR/CCPR Presenter Q&A and project discussion

Presented by Clay Slocum, P.E. *California Nevada Cement Association*
Marco Estrada *Pavement Recycling Systems*
Mike Concannon *Pavement Recycling Systems*
23 USIPPARE 3 8 WEBR PC

4. Deep Dive into Drainage Rights

Thursday, March 9, 2023 | 2:00 - 4:00 pm CST **Tuition:** \$109

Credits: Professional Engineers: 2.0 PDHs Certified Planners: CM|2**
Land Surveyors: 2.0 PDHs (not approved for Missouri land surveyors)

Agenda:
Drainage rights – common approaches
(civil law rule, common enemy rule, reasonable use rule)
Formalizing drainage rights: easements
Private drainage easements: rights and responsibilities
Public drainage easements: rights and responsibilities
Exercising drainage rights and resolving disputes

Presented by Wendy Lathrop, PLS, CFM *President and Owner of Cadastral Consulting, LLC*
23 USDDDRNG 3 9 WEBR WL

5. Beavers, Ecological Restoration, and Climate Resilience: Issues and Solutions

Friday, March 10, 2023 | 2:00 - 4:00 pm CST **Tuition:** \$109

Credits: Professional Engineers: 2.0 PDHs Landscape Architects: 2.0 HSW CE Hours
LA CES: 2.0 HSW PDHs* Floodplain Managers: 2.0 ASFPM CECs
Certified Planners: CM|2** Certified Ecological Restoration Practitioner: Pending**

Agenda:
Beavers and stream restoration Beavers and wetland management
Beavers and flood management Case studies

Presented by Dr. Emily Fairfax *Assistant Professor of Environmental Science and Resource Management at California State University Channel Islands*
23 USBVERCR 3 10 WEBR TB

6. 2021 International Building Code: Means of Egress

Wednesday, March 22, 2023 | 12:00 - 4:30 pm CDT **Tuition:** \$209

Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours
AIA: 4.0 LU|HSW* International Code Council: .4 CEUs (Building)**

Agenda:
Calculating occupant load Accessible means of egress
Elements of egress Illumination of exits
Number of exits Stairways and ramps
Size of egress Guards and handrails
Access travel distance Aisles

Presented by Joseph Iliff, CBO *Building & Zoning Director for Village of Swansea, Illinois*
23 USIBCMEG 3 22 WEBR WL

7. Embodied Carbon: What It Is and What to Do About It

Thursday, March 23, 2023 | 10:00 am - 1:15 pm CDT **Tuition:** \$159

Credits: Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours
AIA: Pending* International Code Council: Pending**

Agenda:
What is embodied carbon and why is it important?
Define embodied carbon Define embodied carbon in buildings
Distinguish between embodied carbon and operational carbon
Define common sources of embodied carbon
Highlight importance of addressing embodied carbon
How do you measure/calculate embodied carbon?
Define life cycle assessment (LCA) Understand LCA goal and scope
Overview LCA tools and datasets
Review commons LCA assumptions and their importance
What can practitioners do to act on embodied carbon?
What are the best ways to incorporate embodied carbon in an existing design process?
Case studies

Presented by Matt Jungclaus, P.E. *Department of Civil, Environmental, and Architectural Engineering, Materials Science and Engineering Program, University of Colorado Boulder*
23 USECARBN 3 23 WEBR LH

Can’t Attend? Order most of these Webinars as Self-Study Packages!
Recordings of most webinars are available for purchase. Visit us 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.

8. How to Calculate Soil Volumes for Cut and Fill

Thursday, March 23, 2023 | 1:30 - 4:30 pm CDT **Tuition:** \$159

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*
International Code Council: .3 CEUs (Sitework)**

Agenda:
Importance of accurate estimates of soil volumes for cutting and filling
Principles of volumetric estimation for soils
Move soil once Have your cut equal your fill
Know your soils Handling disturbed soils
Mapping a site for excavation and embankment
Evaluating software for cut and fill calculations
Bringing in fill and disposing of spoil

Presented by Daniel P. Messmer, P.E., D. GE *Project Manager with The Gateway Engineers, Inc., in Pittsburgh*
23 USH2CSOL 3 23 WEBR CP

9. Handling Ethical Issues in Construction

Friday, March 24, 2023 | 9:00 - 11:00 am CDT **Tuition:** \$109

Credits: Professional Engineers: 2.0 PDHs (Ethics) Architects: 2.0 HSW CE Hours
AIA: 2.0 LU|HSW* International Code Council: .2 CEUs (Administration)**

Agenda:
Avoiding ethical issues during the bidding process
Gifts, favors and the appearance of impropriety
Your duties to your employer, the project owner, and other project participants
Adopting practices that minimize ethics issues
The ethics of safety: fulfilling duties to employees and the public
Incorporating environmental ethics and sustainability into construction and development projects

Presented by Doug Holthus *Partner, Freeman Mathis & Gary LLP*
23 USHETHIC 3 24 WEBR AM

10. How to Use Less “Toxic” Weed Control

Wednesday, March 29, 2023 | 10:00 am - 12:00 pm CDT **Tuition:** \$109

Credits: Professional Engineers: 2.0 PDHs Landscape Architects: 2.0 HSW CE Hours
LA CES: 2.0 HSW PDHs*

Agenda:
Defining what a weed is and rethinking the term “weed”
Cultural practices that encourage weed growth
Using weeds as indicators of cultural practices and environmental conditions
Controlling weeds
Choosing the best weed control practice for your situation
Benefits of integrated weed management

Presented by Chris Marble, PhD *Department of Environmental Horticulture, University of Florida*
23 USH2LTWC 3 29 WEBR NP

*Pre-approval for on-demand format may be available upon request.
**Not approved for on-demand format.

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