

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 NY 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 engineer and architect 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: 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.

June Short Webinar Catalog 2022

Nine Live, Interactive Online Webinars

NON-PROFIT
U.S. POSTAGE PAID
EAU CLAIRE, WI
PERMIT NO. 2016

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



June Short Webinar Catalog

Nine short webinars that each take a look at a single subject in June.

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 \$300 or more on the webinars listed in this brochure and receive 25% off tuition! Use coupon code **JUNESHORT2022** at checkout or give us a call at 715-835-5900 and press 1 for Customer Service.



HalfMoon Education Live Webinars

June Short Webinar Catalog 2022

Nine webinars that each take a look at a single subject



1. Retaining Wall Selection for Detailed Decision Makers
2. Making Changes to Construction Contracts
3. How to Create a Pavement Management System
4. How to Evaluate Earth Pressure for Retaining Wall Design
5. Road to Net Zero Water: Alternate Sources for Irrigation
6. An Overview of Per- and Polyfluoroalkyl Substances (PFAS) in the Environment
7. Deep Dive into Sustainable and Low-VOC Paints and Coatings
8. Mature Tree Management
9. Building with Alternative Materials: Timber, Fibre, Stone and Soil



1. Retaining Wall Selection for Detailed Decision Makers

Tuesday, June 7, 2022 | 10:00 am - 12:30 pm CDT

Tuition: \$159

Credits: Professional Engineers: 2.5 PDHs Architects: 2.5 HSW CE Hours
AIA: Pending Landscape Architects: 2.5 HSW CE Hours LA CES: 2.5 HSW PDHs
International Code Council: .25 CEUs (Sitework)
Floodplain Managers: 2.5 ASFPM CECs

Agenda Highlights:

Common types of retaining walls commonly used in today's construction
Best applications of a cast-in-place concrete retaining wall
Alternatives to cast-in-place retaining wall construction
Advantages to using gravity retaining walls Different types of gravity retaining walls
Basic concepts of MSE systems When to specify an MSE wall or MSE slope
Site layout concerns to consider when locating a retaining wall

Presented by Bill Simpson, P.E.

Geotechnical Structure Design Specialist at Gradelta Engineering

22 USRWS4DM 6 7 WEBR AM

2. Making Changes to Construction Contracts

Wednesday, June 8, 2022 | 2:00 - 4:00 pm CDT

Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 non-HSW CE Hours
AIA: 2.0 LU| Elective International Code Council: .25 CEUs (Administration)

Agenda Highlights:

What a change order does and doesn't do Alternatives to change orders
Construction change orders and their effects
When to request or write a change order Writing change orders
Making change orders effective Resolving disputes about changes

Presented by Joseph R. Haftek, Jr. Partner, Schenck, Price, Smith & King, LLP

22 USDDMCCC 6 8 WEBR SC

3. How to Create a Pavement Management System

Thursday, June 9, 2022 | 10:00 am - 12:00 pm CDT

Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs Certified Planners: CM|2

Agenda Highlights:

Defining pavement management programs and systems
How managing your pavements will help your roadway network
Identifying the primary components of a pavement management system
Identifying the primary methods of condition assessment
A standardized approach to developing a complete pavement management program

Presented by James Golden Founder and CEO of Pavement Management Group

22 USH2CPMS 6 9 WEBR LF

To register and to see other learning opportunities, please visit:

www.halfmoonseminars.org

or call our Customer Service Department at (715) 825-5900

4. How to Evaluate Earth Pressure for Retaining Wall Design

Thursday, June 9, 2022 | 2:00 - 4:00 pm CDT

Tuition: \$109

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

Agenda Highlights:

Defining "the wall" Identifying forces on a retaining wall
How to account for and resist soil pressure How water pressure impacts a retaining wall
The properties of the soil that contribute to the wall design
Equations and real life examples

Presented by Bill Simpson, P.E.

Geotechnical Structure Design Specialist at Gradelta Engineering

22 USH2EPRW 6 9 WEBR PC

5. Road to Net Zero Water: Alternate Sources for Irrigation

Thursday, June 16, 2022 | 2:00 - 4:00 pm CDT

Tuition: \$109

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

Agenda Highlights:

Evaluating available alternate resources in terms of cost and level of difficulty
• Stormwater (capture and reuse) • Greywater/condensate
• Recycled wastewater • Municipal recycled water (purple pipe)
• On site sources (wells)

Net zero water concepts

Case studies

- Santa Monica City Hall East (net zero water building)
- Magic Johnson Park (stormwater recycling)
- Cleveland Clinic Abu Dhabi (greywater/condensate)

Strategies beyond active piped irrigation systems

Presented by

Gary J. Lai PLA, ASLA, LEED AP BD+C, ILFI LBC Ambassador, USGBC-LA Board

Kimley-Horn and Associates, Inc.

22 USR2NTOW 6 16 WEBR TB

6. An Overview of Per- and Polyfluoroalkyl Substances (PFAS) in the Environment

Friday, June 17, 2022 | 9:00 am - 11:10 am CDT (incl. a 10 min break)

Tuition: \$109

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

Agenda Highlights:

What are PFAS compounds and their history and uses?
Where are they found in the environment and how do they get there?
Fate and transport in the environment
Our drinking water as the major source of PFAS exposure
Health effects of PFAS exposure
What are the current regulations for drinking water contamination?
What do water companies do to remove them from water?
What we can do at home - testing and home filtration

Presented by Charles R. Powley, Ph.D. Chief scientist at the Center for PFAS Solutions

22 USPRPFAS 6 17 WEBR LH

7. Deep Dive into Sustainable and Low-VOC Paints and Coatings

Monday, June 20, 2022 | 2:00 - 4:00 pm CDT

Tuition: \$109

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

Agenda Highlights:

Sustainability and air-quality issues with conventional coatings
Certifications and material safety data sheets
Reducing/eliminating toxins in coatings Increasing recycled content
Using salvaged coatings Using alternative coatings
Durability Disposal of excess paints and coatings
Examples and case studies

Presented by Daniel A. Huard

Co-Founder and Principal of Humann Building Solutions, LLC in Las Vegas, NV

22 USDDLVOG 6 20 WEBR CP

8. Mature Tree Management

Wednesday, June 22, 2022 | 9:00 - 11:00 am

Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: Pending Landscape Architects: 2.0 HSW CE Hours LA CES: 2.0 HSW PDHs
Foresters: 2.0 SAF Cat 1 CFEs Certified Arborists: ISA Pending

Agenda Highlights:

Mature tree classifications The benefits of mature trees
Special concerns for mature trees Agents of harm
Protection planning and implementation Risk management
Monitoring and record keeping

Presented by Brian Beaty RCA, BCMA Arborist at B2 Arboriculture, Tree Protection Services

22 USMTREEM 6 22 WEBR WL

9. Building with Alternative Materials: Timber, Fibre, Stone and Soil

Tuesday, June 28, 2022 | 10:00 am - 12:00 pm CDT

Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: Pending International Code Council: Pending

Agenda Highlights:

Alternative/natural material inventory
Design for sustainability and site, material compatibility
Engineering standards and code compliance
Case studies - fibre + binder as infill in wood construction, mass walls of rammed earth

Presented by Tim Krahn Registered Professional Engineer, Partner in Building Alternatives Inc.

22 USBWAMTL 6 28 WEBR LH

Added Value: Enhance your learning - recordings of these webinars will be available for attendees to stream online for two weeks after the program dates. (Must attend live webinars to earn live webinar credits)

Can't Attend? Order any of these Webinars as a Self-Study Package!

Recordings of these webinars are available for purchase. Visit these course listings on our website 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.