

# 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, 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](http://www.gotowebinar.com).

## November Short Webinar Catalog 2022

Eight Live, Interactive Online Webinars

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



## November Short Webinar Catalog 2022

### Eight short webinars that each take a look at a single subject in November.

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 \$400 or more on the webinars listed in this brochure and receive 25% off tuition! Use coupon code **NOVSHORT2022** 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 2022

Eight webinars that each take a look at a single subject



1. Applied Ecology for Landscape Architects and Related Professionals
2. Bioretention System Design
3. Prescribed Fire in Ecological Restoration: Why it's Essential and What it Takes to do it Regularly
4. How to Resolve Non-Payment Disputes for Construction Projects
5. Trends and Opportunities in Wetland Preservation, Restoration, Creation and Enhancement
6. Ethical Issues in Design-Build and Forensic Engineering
7. Focus on The Evolution of Turf Reinforcement Mat Technology
8. Deep Dive into Preventing and Fixing Problems Concerning Subcontractors and Suppliers



## 1. Applied Ecology for Landscape Architects and Related Professionals

Tuesday, November 1, 2022 | 12:00 - 3:15 pm CDT (incl. a 15-min. break) **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

### Agenda Highlights:

- Conservation ecology
  - Ecosystem typologies
  - Habitat structure, function, scale
  - Core, buffer, and connectivity in habitats
  - Regional conservation system examples
  - Design principles for conservation
  - Conservation applied to site scale projects
- Landscape ecology
  - Ecology of large areas (thousands to millions of acres)
  - Landscape mosaics
  - Understanding landscape matrix, patches, corridors, and stepping stones
- Restoration ecology
  - What restoration ecology is and isn't
  - How it is practiced
  - Challenges
  - Tools
  - Example applications

**Presented by Dean Apostol** *Environmental consultant, restoration ecologist, teacher, and writer*  
22 USDDECOL 11 1 WEBR SC

## 2. Bioretention System Design

Wednesday, November 2, 2022 | 1:00 - 3:00 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  
Floodplain Managers: 2.0 ASFPM CECs

### Agenda Highlights:

- The importance of soils in the design of bioretention systems
- The importance of understanding groundwater in the design of bioretention systems
- What soil tests are required for the design of bioretention systems
- Designing bioretention systems for various soil types and slope conditions
- Designing for storms greater than the water quality event

**Presented by Steven Trinkaus** *Principal at Trinkaus Engineering, LLC, in Southbury, CT*  
22 USBIOSYD 11 2 WEBR WL

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

Recordings of these webinars 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.

Learn More and Register:

[www.halfmoonseminars.org](http://www.halfmoonseminars.org)

Customer Service (715) 835-5900 Ext. 1

or scan here



## 3. Prescribed Fire in Ecological Restoration: Why it's Essential and What it Takes to do it Regularly

Thursday, November 10, 2022 | 1:00 - 3:00 pm CST **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

### Agenda Highlights:

- Important goals for a steward or manager of natural areas while planning a prescribed fire
- Benefits of habitats during periodic fire events
- Without prescribed fires, the communities could face extinction
- Discuss the presence of native and non-native invasive plant species
- Case study of the first prescribed fire of the ESA
- The government
- The challenges when planning a prescribed fire event
- Balance of the prescribed fire

### Presented by Remic Enweiler

*Outdoor Lab/Prairie Manager, College of DuPage (COD), Glen Ellyn, Illinois*

22 USPFIRES 11 10 WEBR LH

## 4. How to Resolve Non-Payment Disputes for Construction Projects

Monday, November 14, 2022 | 11:00 am - 1:00 pm CST **Tuition:** \$109

**Credits:** Professional Engineers: 2.0 PDHs (in Most States)\*  
Architects: 2.0 non-HSW CE Hours \* AIA: 2.0 LU| Elective  
\*no credit for NY architects or engineers

### Agenda:

- Common causes of non-payment disputes
- What evidence is needed to prove non-payment?
- Reviewing payment clauses and drafting considerations
- Potential remedies for non-payment
- Resolving disputes through mediation, arbitration, and litigation
- Practical tips for dispute resolution and protecting payment from the outset

### Presented by Adam E. Richards

*Singerman LLP's Dispute Resolution Team and Co-Leader of Construction Law Practice*

22 USH2RNPD 11 14 WEBR TB

## 5. Trends and Opportunities in Wetland Preservation, Restoration, Creation and Enhancement

Monday, November 14, 2022 | 12:00 - 2:00 pm CST **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  
Floodplain Managers: 2.0 ASFPM CECs Certified Planners: CM|2

### Agenda Highlights:

- Mitigation banking and ecological capital development
- Wetland preservation strategies and techniques
- Wetland creation and enhancement
- Stream restoration and enhancement
- Benefits and drawbacks

**Presented by Avi M. Sareen** *President/Principal, TNT Environmental, Inc.*

22 USTOWTLD 11 14 WEBR LH

## 6. Ethical Issues in Design-Build and Forensic Engineering

Tuesday, November 15, 2022 | 9:00 am - 1:15 pm CST

**Tuition:** \$209

**Credits:** Professional Engineers: 4.0 PDHs, including 4.0 ethics hours  
Architects: 4.0 HSW CE Hours AIA: 4.0 LU|HSW

### Agenda Highlights:

- Ethical issues in design-build
    - Introduction
    - Construction delivery and construction procurement processes
    - Subjective and objective criteria for construction procurement
    - The ethical issues
    - What is design-build?
    - Resolving the ethical issues
  - Ethical issues in forensic engineering
    - Introduction
    - Framing the ethical issues
    - Linear and non-linear thinkers
    - The ethical issues
    - What is forensic engineering?
    - Systems of law
    - Materialism
    - Resolving the ethical issues
- The road forward

### Presented by J. Paul Guyer, P.E., R.A.

*Registered civil engineer, mechanical engineer, fire protection engineer and architect*

22 USETHDBF 11 15 WEBR CP

## 7. Focus on The Evolution of Turf Reinforcement Mat Technology

Tuesday, November 15, 2022 | 10:00 am - 12:00 pm CST

**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  
Floodplain Managers: 2.0 ASFPM CECs

### Agenda Highlights:

- How turf reinforcement mat technology originated and how it has been utilized by the site development industry
- Benefits of turf reinforcement mat technology
- Case studies
- Resources for practice and use-independent testing data, available design tools, and jobsite assistance

**Presented by Peter Hanrahan** *Hanrahan Environmental, LLC*

22 USFOTRMT 11 15 WEBR AM

## 8. Deep Dive into Preventing and Fixing Problems Concerning Subcontractors and Suppliers

Tuesday, November 15, 2022 | 1:00 - 3:00 pm CST

**Tuition:** \$109

**Credits:** Professional Engineers: 2.0 PDHs\* Architects: 2.0 non-HSW CE Hours\*  
AIA: 2.0 LU|HSW International Code Council: Pending  
\*no credit for NY architects or engineers

### Agenda Highlights:

- Understanding the relationships to subcontractors and suppliers
- Preventing and resolving common problems:
  - Scheduling problems
  - Labor problems
  - Supply problems
  - Payment problems

**Presented by Theodore L. Degenhardt IV** *Attorney at Clark Hill in Detroit Michigan*

22 USDDPPFS 11 15 WEBR PC