

## 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 landscape architects, engineers and architects are not subject to pre-approval. HalfMoon Education does not apply for landscape courses in FL, NC, and NJ, unless expressly stated.

#### HalfMoon Education Certifying Entities

Landscape Architect Continuing Education System  
American Institute of Architects Continuing Education System (No. J885)  
American Institute of Certified Planners (APA)  
Boards of Engineering: Florida (No. 0004647), Indiana (License No. CE21700059),  
Maryland, New Jersey (Approval No. 24GP00000700), North Carolina (No. S-0130),  
and North Dakota.  
Course-by-Course Organizations:  
International Society of Arboriculture  
Society of American Foresters  
Association of State Floodplain Managers

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

### 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 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.

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 Mavericks - macOS Catalina, 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).

## September How-To Webinar Series

Nine live and interactive webinars that each teach a new skill



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## September How-To Webinar Series

### Live and Interactive Webinars

1. How to Create a Pavement Management System
2. How to Identify Soil Types
3. How to Perform Concrete Construction Procedures
4. How to Analyze Construction Defects and Failures
5. How to Lessen Stresses on Vegetation in Green Stormwater Infrastructure
6. How to Assess and Clean up a Contaminated Site
7. How to Design Accessible Parking
8. How to Use Xeriscape in Site Planning
9. How to Navigate the New Mass Timber Construction Types in the 2021 IBC



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## HalfMoon Education Online Learning

### September How-To Webinar Series

Nine live and interactive webinars that each teach a new skill



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## 1. How to Create a Pavement Management System

Wednesday, September 9, 2020 | 1:00 - 3:00 pm CDT

**Tuition:** \$100

**Credits:** Professional Engineers: 2.0 PDHs

### **Agenda:**

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*

20 USH2CPMS 9 9 WEBR TC

## 2. How to Identify Soil Types

Friday, September 11, 2020 | 11:00 am - 1:00 pm CDT

**Tuition:** \$100

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

### **Agenda:**

Properties of soil Types of soil  
In-situ soil testing Laboratory soil testing  
Preparing/reading soil test data  
Importance of proper test selection

**Presented by Bill Simpson, P.E.**

*Geotechnical Structure Design Specialist at Engineered Earth Solutions, LLC*

20 USH2ISLT 9 11 WEBR LH

## 3. How to Perform Concrete Construction Procedures

Monday, September 14, 2020 | 11:00 am - 12:30 pm CDT

**Tuition:** \$75

**Credits:** Professional Engineers: 1.5 PDHs Architects: 1.5 HSW CE Hours AIA: 1.5 LU|HSW  
International Code Council: .15 CEUs (Building)

### **Agenda:**

Planning, specifying and estimating  
Preparing for construction  
Placing forms and pumping concrete  
Reinforcing concrete  
Protecting and maintaining concrete structures

**Presented by Heather Smith** *Director of Engineering - Private Markets, Michigan Concrete Association*

20 USH2PCCP 9 14 WEBR CP

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

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## 4. How To Analyze Common Construction

### Defects and Failures

Monday, September 14, 2020 | 12:00 - 2:00 pm CDT

**Tuition:** \$100

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

### **Agenda:**

Analyzing defects and failures for methodology and causation

- Site selection and engineering
- Building design
- Foundation design and construction
- Design and construction of floors, walls, and roofing
- Exploring defects and failures in mechanical and electrical systems

**Presented by Ryan R. Roy, PE** *Whitestone Associates, Inc*

20 USH2ACDF 9 14 WEBR TB

## 5. How to Lessen Stresses on Vegetation

### in Green Stormwater Infrastructure

Tuesday, September 15, 2020 | 11:00 am - 1:00 pm CDT

**Tuition:** \$100

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

### **Agenda:**

The importance of green infrastructure for stormwater management  
The main challenges encountered in green stormwater infrastructure maintenance  
The effect of extreme soil moisture fluctuation on vegetation establishment  
Other stresses on vegetation (e.g. heat island, salt, drought)  
Discussion of the methods and technologies, including case studies, that can help solve problems and lessen stresses on vegetation

**Presented by Dr. Wei Zhang** *Vice President for Research and Development at Zynnovation LLC*

20 USH2LSGI 9 15 WEBR WL

## 6. How to Assess and Clean up a Contaminated Site

Thursday, September 17, 2020 | 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  
International Code Council: .2 CEUs (Sitework)

### **Agenda:**

Remediation technologies and processes  
Steps for choosing an appropriate remedy  
Important contaminant properties  
Important subsurface properties  
Proven remediation technologies

- Source removal
- Physical treatments
- Chemical treatments
- Biological treatments
- Other treatments

Real world examples  
Lessons learned

**Presented by Christina Brown, P.E., BCEE** *Senior Environmental Engineer, EnviroScience, Inc*

20 USH2ACCS 9 17 WEBR LH

## 7. How to Design Accessible Parking

Monday, September 21, 2020 | 11:00 am - 12:30 pm CDT

**Tuition:** \$75

**Credits:** Professional Engineers: 1.5 PDHs Architects: 1.5 HSW CE Hours AIA: 1.5 LU|HSW  
International Code Council: .15 CEUs (Accessibility)

### **Agenda:**

Brief overview of ADA and ICC A117.1  
Accessible parking in garages and parking lots

- Quantity and location
- Stalls, access aisles, and signage
- Accessible routes and egress

Alterations to existing facilities  
PROWAG – accessibility for on-street parking

**Presented by Rob McConnell, PE, LEED, Green Associate** *Vice President Parking Solutions*

20 USH2DAPK 9 21 WEBR PC

## 8. How to Use Xeriscape in Site Planning

Thursday, September 24, 2020 | 11:00 am - 1:00 pm CDT

**Tuition:** \$100

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

### **Agenda:**

Seven basic principles of xeriscape  
Applying xeriscape principles to site design  
Intersection of climate-adapted landscape design and green infrastructure  
The changing nature of site water planning  
Ways that climate-adapted landscapes deliver environmental services and increase resilience  
Resources for implementation and further learning

**Presented by Paul W. Lander, PhD, ML Arch, LEED A.P.** *University of Colorado-Boulder*

20 USH2XRIS 9 24 WEBR TC

## 9. How to Navigate the

### New Mass Timber Construction Types in the 2021 IBC

Friday, September 25, 2020 | 2:00 - 4:00 pm CDT

**Tuition:** \$100

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

### **Agenda:**

Construction Types and the IBC

- Type IV construction before the 2021 IBC
- New Type IV construction in the 2021 IBC
- Type IV-A construction in the 2021 IBC
- Type IV-B construction in the 2021 IBC
- Type IV-C construction in the 2021 IBC

**Presented by Michael Fiebig, RA, AIA, NCARB, LEED GA, CFPS, CEP** *Fiebig Architecture, PLLC*

20 USH2NMIT 9 25 WEBR LH

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