

HalfMoon Education Live Continuing Education Webinars

Erosion and Sediment Control

Online

Wednesday, June 7, 2023 | 9:00 am - 1:15 pm CDT

Thursday, June 8, 2023 | 9:00 am - 1:15 pm CDT

Credits: Professional Engineers: 8.0 PDHs

Architects: 8.0 HSW CE Hours AIA: 8.0 LU/HSW

Landscape Architects: 8.0 HSW CE Hours LA CES: 8.0 HSW PDHs

International Code Council: .8 CEUs (Sitework)

Floodplain Managers: 8.0 ASFPM CECs

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Agenda

Agenda Day One: Wednesday, June 7, 2023

9:00 am - 1:15 pm CDT (including a 15-min. break)

Erosion and Sediment Control Requirements

- The Clean Water Act of 1972
- Impact of construction and development
- Environmental Protection Agency (EPA) requirements
- Local standards and specification
- Permitting, approval and enforcement

Goals For and The Selection of Erosion and Sediment Control Practices

- Causes of erosion and sedimentation
- Minimizing site disturbance
- Preserving native vegetation
- The importance of buffer zones

Preparing Erosion and Sediment Control Plans

- Minimizing disturbance
- Preserving native vegetation
- Selecting appropriate best management practices
- Sample plan review

Sediment Control Best Management Practices

- Perimeter protection
- Concentrated flow protection
- Dewatering
- Flocculant applications
- Dust control
- Stormwater inlet protection
- Sediment trapping
- Temporary diversions

Understanding Critical Subsurface Site Issues

- Hydraulic problems
- Ground stabilization

Tuition

\$319 for individual registration

\$289 for two or more registrants from the same company at the same time.

Included with your registration: PDF seminar manual.

Agenda Day Two: Thursday, June 8, 2023

9:00 am - 1:15 pm CDT (including a 15-min. break)

Erosion Control Best Management Practices

- Soil testing
- Seeding and seed bed protection
- Sod installation
- Mulching
- Erosion control blankets
- Hydroseeding and hydromulching
- Turf reinforcement
- Cellular confinement
- Gabions and reno mattresses
- Porous pavement
- Retaining walls
- Mechanically stabilized earth

Streambank and Shoreline Protection – Bioengineering and More

- Coir fiber rolls and mats
- Rock vanes/cross vanes
- Fascines
- Live staking
- Lunkers
- Controlling invasive species

Drainage and Ground Stabilization Best Management Practices

- Surface drainage
- Subsurface drainage
- Concentrated flow drainage
- Geotextiles and geogrids
- Stormwater storage

Operations and Maintenance Planning

Presented by

Peter M. Hanrahan, CPESC

Certified Professional in Erosion and Sediment Control

Mr. Hanrahan has more than 45 years of industry experience. His articles have been published in many magazines, including *Erosion Control*, *Land & Water*, *Geosynthetics*, and *Landscape Architect & Specifier News*. From 2008 to the present, he has organized coastal erosion control training events up and down the New England Coast, with multiple seminars in Maine, New Hampshire, Massachusetts, Rhode Island and Connecticut. He has also assisted with the development of erosion control standards with the Illinois Tollway Authority, and the State Departments of Transportation in New Hampshire, Vermont, Maine, Oklahoma, Missouri, Arkansas and Illinois.

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Credit Information

This webinar is open to the public and is designed to qualify for 8.0 PDHs for professional engineers, 8.0 HSW continuing education hours for licensed architects, and 8.0 HSW continuing education hours for landscape architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 8.0 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The Landscape Architecture Continuing Education System has approved this course for 8.0 HSW PDHs. Only full participation is reportable to the LA CES.

The International Code Council has approved this event for .8 CEUs in the specialty area of Sitework (Preferred Provider No. 1232).

This webinar has been approved by the Association of State Floodplain Managers for 8.0 CECs for floodplain managers.

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

The preceding credit information only applies to the live presentation. Credit information for taking this course on-demand is available online

Learn More and Register:

www.halfmoonseminars.org

Customer Service (715) 835-5900 Ext. 1

or scan here

