

Agenda

Presented by Peter Hanrahan

Agenda Day One

Erosion and Sediment Control Requirements

- The Clean Water Act of 1972
- Environmental Protection Agency (EPA) requirements
- Standards and specifications
- Permitting, approval and requirements

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

Sediment Control Best Management Practices

Perimeter protection	Concentrated flow protection
Dewatering	Stormwater inlet protection
Sediment trapping	Temporary diversions

Flocculants and Jobsite Sediment Control

Preparing Jobsites for Winter Shutdown

Agenda Day Two

Erosion Control Best Management Practices – Vegetation Establishment

Seeding	Mulching
Erosion control blankets	Turf reinforcement mats
Hydromulches	Cellular confinement
Porous pavement	

Streambank and Shoreline Protection – Bioengineering and More

Coir fiber rolls and mats	Rock vanes/cross vanes
Fascines	Live staking
Lunkers	

Drainage and Ground Stabilization Best Management Practices

Surface drainage	Subsurface drainage
Concentrated flow drainage	Ground stabilization

Operations and Maintenance Planning

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Recordings of this webinar 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.

Erosion and Sediment Control

Live, Interactive Webinar

Tuesday, June 14 and Thursday, June 16, 2022

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Learning Objectives

You'll be able to:

Identify federal erosion and sediment control requirements under the Clean Water Act of 1972.

Set erosion and sediment control goals.

Use sediment control best management practices, including perimeter protection, concentrated flow protection, dewatering and sediment trapping.

Account for flocculants in sediment control plans.

Choose erosion control best practices, such as seeding, erosion control blankets, mulches and porous pavement.

Examine techniques to control erosion of streambanks and shorelines.

Implement drainage and ground stabilization best management practices.

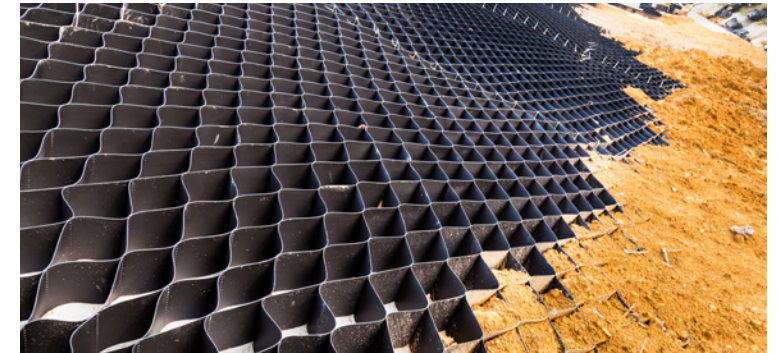


HalfMoon Education Live Webinars

Erosion and Sediment Control

Live, Interactive Webinar

Tuesday, June 14 and Thursday, June 16, 2022



Review standards and specifications for erosion and sediment control

Learn how to minimize site disturbance

Get an in-depth look at the best management practices for sediment control

Explore ways to control erosion with a variety of vegetation establishments

Discuss bioengineering practices to protect streambanks and shorelines

Continuing Education Credits

Professional Engineers

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Faculty

Peter Hanrahan is a certified professional in erosion and sediment control, and he has more than 43 years of industry experience. In addition to presentations in Canada, Taiwan and the Dominican Republic, Mr. Hanrahan has also presented at the national level for many organizations, including the International Erosion Control Association, Land Improvement Contractors of America, the Geotechnical Fabrics Institute, the National Working Waterfront Network, and the American Water Works Association. His articles have been published in many magazines, including *Erosion Control*, *Land & Water*, *Geosynthetics*, and *Landscape Architect & Specifier News*. He has produced webinars for the International Erosion Control Association, the International Association of Hydroseeding Professionals, the New York State Society of Professional Engineers, and Forester University. He has also served as a guest lecturer at the University of Mississippi, Ohio Northern University, University of New England, and Vermont Technical College. Mr. Hanrahan has also been active in industry organizations. He was national president of the International Management Council in 1991-92, and he also served four terms as president of the Northeast Chapter of the International Erosion Control Association. He is also a member of the Senior Advisory Committee of Envirocert. Mr. Hanrahan has developed and delivered training events throughout his career. 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. Event co-sponsors for these events have included the Maine Department of Environmental Protection, Maine Sea Grant, the Rhode Island Coastal Management Council, the University of Rhode Island Coastal Resources Center, Connecticut College and Connecticut Sea Grant. 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.

Webinar Information

Day One: Tuesday, June 14, 2022
9:00 am - 1:00 pm CDT (including a 30-min. break)

Day Two: Thursday, June 16, 2022
9:00 am - 1:00 pm CDT (including a 30-min. break)
(please log into the webinar 15 - 30 minutes before start time)

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.

How to Register

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Cancellations: Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

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Additional Learning

The Tree Course:
Science, Design, and Sustainability
- Fri, May 13, 2022 | 9:00 am - 4:30 pm CDT

Managing Construction Projects
- Thurs, May 19, 2022 | 8:30 am - 5:00 pm CDT

Site Design: Grading and Drainage
- Fri, May 20, 2022 | 8:30 am - 4:30 pm CDT

HEC-RAS Modeling Basics
- Mon, May 23, 2022 | 8:30 am - 5:00 pm CDT

How to Design a Stormwater Management System for Residential Sites
- Tues, May 24, 2022 | 2:00 - 4:00 pm CDT

Soil Mechanics, Bearing Capacity and Slope Stabilization
- Wed, May 25, 2022 | 8:30 am - 4:30 pm CDT

For more information
and other online learning opportunities visit:
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Continuing Education Credit Information

This webinar is open to the public and offers 7.0 PDHs to professional engineers, 7.0 HSW continuing education hours to licensed architects, and 7.0 HSW continuing education hours to 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 7.0 LU | HSW (Sponsor No. J885). Only full participation is reportable to the AIA CES.

The Landscape Architecture Continuing Education System has approved this course for 7.0 HSW PDHs. Only full participation is reportable to the LA CES.

This webinar has been approved by the Association of State Floodplain Managers for 7.0 CECs for floodplain managers.

Completion certificates will be awarded to participants who complete this event and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Added Value:
Enhance your learning - a recording of this webinar will be available for attendees to stream online for two weeks after the program date.
(Must attend live webinar to earn live webinar credits)

Registration

Erosion and Sediment Control
Live, Interactive Webinar - Tuesday, June 14 and Thursday, June 16, 2022

How to Register		Registrant Information Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip: _____ Occupation: _____ Email: _____ Phone: _____ Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____ Name: _____ Occupation: _____ Email: _____ Phone: _____ Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred. () I need special accommodations. Please contact me.
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