

Presented by: Randall Shuey, CPESC, CESSWI

Erosion and Sediment Control Fundamentals

Overview of Regulations Related to Construction Sites

- Federal regulations
- Maine regulations
- Maine construction general permit highlights
- Other Maine regulations

Non- BMP Measures

- Project phasing
- Managing construction sites wastes
- Managing prohibited discharges (concrete washout BMPs, etc.)

Erosion and Sediment Control BMPs for Construction Sites

RUSLE – What is it and why is it important?

Erosion controls

- Vegetation
- Mulches
- Slope stabilization

Runoff controls

- Check dams
- Slope drains
- Swales, channels and diversions
- Level spreaders and energy dissipators

Sediment controls

- Silt fence and alternatives
- Erosion control mix berms
- Storm drain inlet protection
- Thoughts on hay bales

Sediment Containment – Improving on the Design

- Design criteria
- Surface skimmers
- Baffles
- Flocculants

Stream Crossings and Other Sensitive Sites

Site Inspection Discussion/Walkthrough

- Case studies
- Identifying and resolving site issues
- Practice selection for small project site

Erosion and Sediment Control
Portland, ME - Friday, April 27, 2018

You'll be able to:

Identify types of erosion and discuss damage caused by erosion and sedimentation.

Explore techniques to minimize site disturbance and reduce the chance for problems on a site.

Discuss appropriate practices for stabilizing disturbed areas and capturing sediment on the construction site.

Examine erosion and sediment control BMPs, including mulches, slope stabilization, check dams, swales and silt fence.

Discuss options for stream crossings and other sensitive sites.

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Understand the fundamentals of erosion and sediment control

Explore federal and Maine regulations that apply to erosion and sediment control on construction sites

Learn about erosion and sediment control best management practices

Discuss sediment containment methods and materials

Review case studies and learn how to identify and resolve construction site issues

Continuing Education Credits

Professional Engineers
6.5 PDHs

Architects & Landscape Architects
6.5 HSW Continuing Ed. Hours*
6.5 AIA HSW Learning Units
6.5 LA CES HSW PDHs

Floodplain Managers
6.5 ASFPM CECs

Contractors
Non-Credit Continuing Ed.
*Not mandatory in Maine



Faculty

Randall Shuey, CPESC, CESSWI *Northpoint Engineering – Concord, NH*

Mr. Shuey is a senior environmental scientist with Northpoint Engineering in Concord, New Hampshire. He is a certified wetland and soil scientist. Mr. Shuey served on the boards of state regional and national environmental organizations and is currently the regional coordinator for the EnviroCert International Program that certifies stormwater professionals.

For more than 25 years he has been helping clients navigate through regulations associated with their construction sites. His work involves providing solutions that balance client goals and regulatory requirements. Mr. Shuey’s project experience includes various development types, road and airport construction, and wetland and bio-stabilization projects. Mr. Shuey is a part of the International Erosion Control Association faculty, and he is an Envirocert International approved trainer.

Seminar Information

Hyatt Place Portland - Old Port 433 Fore Street Portland, ME 04104 (207) 775-1000	Registration 8:00 - 8:30 am Morning Session 8:30 am - 12:10 pm	Lunch (On your own) 12:10 - 1:10 pm Afternoon Session 1:10 - 4:30 pm
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Tuition

\$279 for individual registration
\$259 for three or more simultaneous registrations.
Each registration includes a complimentary continental breakfast and printed seminar manual

How to Register

- Visit us online at www.halfmoonseminars.org
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

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

Can’t Attend? Order the CD/Manual Package:
An audio recording of this seminar is available for \$289 (including shipping). Allow five weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Additional Learning

Webinar Series

Solar Photovoltaic Project Design and Development

- **Solar Photovoltaic Project Design and Development, Part I**
Wed., Mar. 7, 2018, 11:00 AM - 2:15 PM CST
- **Solar Photovoltaic Project Design and Development, Part II**
Thurs., Mar. 8, 2018, 11:00 AM - 2:15 PM CST

Deep Excavations

- **Introduction to Deep Excavations**
Thurs., Mar. 15, 2018, 11:00 AM - 1:00 PM CDT
- **Soil Mechanics, Cantilever Walls and Anchored Sheet Pile Walls**
Thurs., Mar. 15, 2018, 1:30 - 3:00 PM CDT
- **Braced Excavation Design**
Fri., Mar. 16, 2018, 11:00 AM - 12:30 PM CDT
- **ASD and LRFD Design**
Fri., Mar. 16, 2018, 1:00 - 2:30 PM CDT

For more information visit:
www.halfmoonseminars.org/webinars/

HEC-RAS

- **Hydraulic Principles and Applications**
Thurs., Mar. 22, 2018, 11:00 AM - 1:00 PM CDT
- **Working with the HEC-RAS User Interface**
Thurs., Mar. 22, 2018, 1:30 - 3:00 PM CDT
- **Water Surface Profiling**
Fri., Mar. 23, 2018, 11:00 AM - 1:00 PM CDT
- **Steady Flow Surface Profile Demonstrations**
Fri., Mar. 23, 2018, 1:30 - 3:30 PM CDT

Commercial Energy Conservation Code

- **Commercial Energy Conservation Code and COMcheck Introduction**
Weds., Mar. 28, 2018, 11:00 AM - 1:00 PM CDT
- **Building Envelope Energy Efficiency**
Weds., Mar. 28, 2018, 1:30 - 3:30 PM CDT
- **Heating, Ventilation and Air Conditioning Systems**
Thurs., Mar. 29, 2018, 11:00 AM - 1:00 PM CDT
- **Service Water Heating, Power and Lighting**
Thurs., Mar. 29, 2018, 1:30 - 3:00 PM CDT

Continuing Education Credit Information

This seminar is open to the public and offers up to 6.5 PDHs to professional engineers in most states and up to 6.5 HSW continuing education hours to architects and landscape architects in most states. Educators and courses are not subject to preapproval for Maine engineers. Continuing education is not mandatory for Maine architects and landscape architects.

This program has been approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. J885) and the Landscape Architecture Continuing Education System for 6.5 HSW PDHs. Only full attendance can be reported to the AIA/CES and LA/CES.

HalfMoon Education is deemed an approved continuing education sponsor for architects and landscape architects in New York*. HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Louisiana, Maryland, New Jersey (Approval No. 24GP00000700), New York (NYSED No. 35)*, North Carolina, and North Dakota.

This seminar also offers a non-credit continuing education opportunity to contractors, but it has not been approved by any state contractor licensing entity.

Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

*New York architects, landscape architects, and engineers: This seminar offers 5.5 hours of credit, as one hour contains information specific to Maine.

Registration

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How to Register	Registrant Information
Online: www.halfmoonseminars.org	Name: _____
Phone: 715-835-5900	Company/Firm: _____
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Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278	Email: _____
	Phone: _____
	Additional Registrants:
	Name: _____
	Occupation: _____
Complete the entire form. Attach duplicates if necessary.	Email: _____
	Phone: _____
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	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.	

Tuition

- () **I will be attending the live seminar.** Single Registrant - **\$279.00**. Three or more registrants from the same company registering at the same time - **\$259.00** each.
- () **I am not attending.** Please send me the CD manual package for **\$289.00**. (S&H included. Please allow five weeks from seminar date for delivery)

Checks: Make payable to HalfMoon Education Inc.

Credit Card: *Mastercard, Visa, American Express, or Discover*

Credit Card Number: _____
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