

Agenda

Presented by Joe Koziell, CESSWI

NPDES/SPDES Rules and Regulations

- Review of new regulation changes
- Understanding and managing a SWPPP
- Inspection and reporting protocols
- Corrective action requirements and timeframe for compliance

Principles and Practices of Erosion Prevention and Sediment Control

- Causes of erosion
- Importance of vegetation
- LID and other practices to minimize site disturbance
- Vegetation establishment 101

Non-structural Best Management Practices for Erosion Prevention/Sediment Control

- Using riparian areas/buffer zones and vegetated filter strips
- Temporary and permanent seeding, sodding and mulching
- Chemical soil stabilization

Structural BMPs for Erosion Prevention/Sediment Control

Rock rip rap	Straw wattles
Compost filter socks	Geotextile tubes
Silt fence	Berms
Pipe slope drains	De-watering bags
Check dams/swales	Inlet protection
Hay/straw bales	Temporary and permanent erosion control blankets
Gabion baskets	Reno mattresses

Green Engineering for Streambank and Shoreline Stabilization

Brush layering	Engineered log jams
Fascines	Coir logs
Log vanes	Reinforced vegetation

Sediment Traps and Sediment Basins

- Design considerations
- Calculating flow rates and capacity
- Improving effectiveness
- Maintenance

Erosion Prevention and Sediment Control
Albany, NY - Tuesday, December 18, 2018

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PO Box 278
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Learning Objectives

You'll be able to:

Understand new regulation changes as well as inspection and reporting protocols.

Identify causes of erosion and discuss the importance of vegetation.

Explore structural and non-structural best management practices, including silt fences, berms, rip rap, check dams and chemical soil stabilization.

Learn about design considerations for sediment traps and sediment basins.

Understand stream and bank stabilization methods that use green engineering such as brush layering and engineered log jams.



Erosion Prevention and Sediment Control

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Understand the fundamentals of erosion and sediment control

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

Learn about non-structural erosion and sediment control best management practices

Discuss sediment traps and sediment basin design

Review green engineering for streambank and shoreline stabilization

Continuing Education Credits

Architects & Landscape Architects

- 6.5 HSW Continuing Ed. Hours
- 6.5 AIA HSW Learning Units
- 6.5 LA CES HSW PDHs

Professional Engineers

- 6.5 Continuing Ed. Hours

Floodplain Managers

- 6.5 ASFPM CECs

Contractors

- Non-Credit Continuing Ed.



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Faculty

Joe Koziell, CESSWI

After graduating from New Hampshire Technical College, Mr. Koziell's first job was with New Hampshire Department of Transportation, and he has been involved in construction/excavation since then. He has traveled extensively along the east coast of the US and Canada dealing with issues related to construction and earth disturbing activities. Mr. Koziell is a CESSWI (certified erosion, sediment, stormwater inspector). He has many years of site visits, which when coupled with his broad knowledge of erosion prevention and sediment control BMPs make him a frequent speaker at industry-related events. Mr. Koziell is a recognized authority on the National Pollutant Discharge System and has presented at national and international conferences. He is active in many industry-related organizations and serves on the board of directors for the New England Chapter/International Erosion Control Association. Mr. Koziell also remains active in the community having served on planning boards and solid waste commissions.

Seminar Information

Hilton Garden Inn Albany Airport 800 Albany Shaker Road Albany, NY 12211 (518) 464-6666	Registration 8:00 - 8:30 am Morning Session 8:30 - 11:45 am	Lunch (On your own) 11:45 am - 12:45 pm Afternoon Session 12:45 - 4:30 pm
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Tuition

\$279 for individual registration

\$259 for three or more simultaneous registrations.

Included with your registration:

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 (CDT), 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. You may also send another person to take your place.

Additional Learning

Webinar Series

Residential Energy Code

- **Introduction to the Residential Energy Code and Mandatory Requirements**
Thurs., Dec. 6, 2018, 11:00 AM - 12:30 PM CST
- **IECC Residential Building Envelope Requirements**
Thurs., Dec. 6, 2018, 1:00 - 2:30 PM CST
- **IECC Residential HVAC Requirements**
Fri., Dec. 7, 2018, 11:00 AM - 12:30 PM CST
- **International Energy Conservation Permit Pathways**
Fri., Dec. 7, 2018, 1:00 - 2:30 PM CST

Deep Foundations

- **Deep Foundation Site Evaluation**
Weds., Dec. 12, 2018, 11:00 AM - 12:00 PM CST
- **Overview of Deep Foundations**
Weds., Dec.12, 2018, 12:30 - 2:00 PM CST
- **Deep Foundation Pile Design**
Thurs., Dec. 13, 2018, 11:00 AM - 12:30 PM CST
- **Deep Foundation Installation and Testing**
Thurs., Dec. 13, 2018, 1:00 - 2:00 PM CST

Stormwater Management Systems

- **Stormwater Infrastructure Practices**
Weds., Dec. 19, 2018, 11:00 AM - 1:00 PM CST
- **Infiltration Management Techniques**
Thurs., Dec. 20, 2018, 11:00 AM - 1:00 PM CST

NFPA 70E Series

- **NFPA 70E, Part I**
Weds., Dec. 26, 2018, 11:00 AM - 3:30 PM CST
- **NFPA 70E, Part II**
Thurs., Dec. 27, 2018, 11:00 AM - 3:30 PM CST

Seismic Design and Construction

- **Seismology and Building Codes**
Thurs., Dec. 27, 2018, 11:00 AM - 3:30 PM CST
- **Seismic Design of Building Structures**
Fri., Dec. 28, 2018, 11:00 AM - 3:30 PM CST

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

Continuing Education Credit Information

This seminar is open to the public and offers up to 6.5 HSW continuing education hours to architects, landscape architects, and professional engineers in most states, including New York.

HalfMoon Education is deemed a New York-approved continuing education provider for architects and landscape architects via its affiliation with the American Institute of Architects. HalfMoon Education is an approved continuing education provider for New York engineers (NYSED Sponsor No. 35) and New Jersey professional engineers (Approval No. 24GP00000700).

This event is 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. Courses approved by the AIA qualify for New Jersey architects.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, North Carolina, and North Dakota.

The Association of State Floodplain Managers has approved this course for 6.5 CECs.

This event offers a continuing education opportunity to construction contractors, but it has not been approved by any state with a continuing education requirement for contractors.

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.

Registration

Erosion Prevention and Sediment Control

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How to Register

Online:
www.halfmoonseminars.org

Phone:
715-835-5900

Fax:
715-835-6066

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PO Box 278, Altoona, WI
54720-0278

Complete the entire form. Attach duplicates if necessary.

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.

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.

Checks: Make payable to HalfMoon Education Inc.

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