

Agenda

Presented by Brad Flack, CPESC, CESSWI, QCIS

Selecting Stormwater Best Management Practices

- Site topography, hydrology and soils
- System sizing and design
- System performance
- Selection criteria

Reducing Site Disturbance and Increasing Natural Landscaping

- Benefits of natural landscaping
- Choosing native species for plantings
- Cost considerations and maintenance

Permeable Pavers

- Site criteria and product selection
- Preparation and installation
- Cost considerations and maintenance

Vegetated Roofs

- Benefits and life cycle cost
- Intensive roofs
- Extensive roofs
- Maintenance

Rain Barrels, Cisterns and Rain Gardens

- Stormwater collection
- Reuse
- Cost considerations
- Water storage
- Garden sizing and design

Filter Strips and Drainage Swales

- Benefits and design considerations
- Choosing appropriate vegetation
- Cost considerations and maintenance

Detention Basins and Ponds

- Benefits and site selection
- Choosing native vegetation
- Sizing and design
- Maintenance considerations

Stormwater Best Management Case Studies

Can't Attend? Order the Seminar as a Self-Study Package!

Recordings of this seminar are available for purchase. See registration panel 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. Self-study packages do not qualify for AIA or LA CES credit.

Stormwater Best Management Practices

Online - Monday, August 30, 2021

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Learning Objectives

You'll be able to:

Discuss considerations that impact the choice of stormwater management BMPs, including site topography, hydrology, soils and system capacity.

Explain the benefits of practices that reduce site disturbance during project development, and discuss the benefits of natural landscaping.

Describe the benefits of, and applications for, rain barrels, cisterns, rain gardens, filter strips and drainage swales.

Explore the benefits, and costs, of permeable pavers, vegetated roofs and detention basins.



Live, In-Person Seminar and Live Webinar

Stormwater Best Management Practices

Online - Monday, August 30, 2021



Define criteria for selecting stormwater best management practices

Learn how to reduce site disturbance and increase natural landscaping

Explore rain barrels, filter strips and detention basins

Discuss stormwater best management practices such as permeable pavers and vegetated roofs

Review case studies and discuss maintenance considerations

Continuing Education Credits

Professional Engineers

7.0 PDHs

Architects

7.0 HSW CE Hours, including 1.0 hour in Sustainable Design
7.0 AIA LU | HSW

Landscape Architects

7.0 HSW CE Hours, including 1.0 hour in Sustainable Design
7.0 LA CES HSW PDHs

Floodplain Managers

7.0 ASFPM CECS

International Code Council

.7 CEUs (Sitework)



ATA Continuing Education Provider



Faculty

Brad Flack, CPESC, CESSWI, QCIS *President & CEO of Integrity Stormwater*

Mr. Flack has earned his designation, among select thousands in the world, as a certified professional in erosion and sediment control (CPESC) as well as his designation as a certified erosion, sediment and stormwater inspector (CESSWI) and a course instructor, lending his experience and training to his customers for all of their stormwater needs. Furthermore he is among the select few who are qualified compliance inspectors of stormwater (QCIS). He has served as the president and the administrative vice president of the South Central Chapter of the International Erosion Control Association (IECA). Mr. Flack was the Region 6 president for EnviroCert International and has served as the Region 7 representative for CPESC, Inc. He was technical vice-chair for the CPESC Council, and he is on the Education Committee: Stormwater Management Track for the International Erosion Control Association Region 1 which encompasses North America, South America and Europe, where he has served as chair. Mr. Flack was awarded Young Professional of the Year for 2014 by the IECA Region 1 and is also an IECA Mentor. He also served as a member of the Policies and Procedures Committee and the Certified Professional in Industrial Stormwater Management Committee for EnviroCert International. He is an EnviroMentor for the Texas Commission on Environmental Quality (TCEQ) as well as a member of the TCEQ Houston Area Small Business Advisory Council. Mr. Flack has been involved with stormwater management since 2004, when he learned about permitting, turf establishment, erosion control and detention pond maintenance. He has since continued to learn and develop his stormwater knowledge and skills and is now a speaker at many conferences sharing his expertise across the US and internationally. He is married to his high school sweetheart and they have 3 boys. He works both locally and internationally on humanitarian projects and in missionary service.

Webinar Information

Registration 8:00 - 8:30 am CDT	Lunch (on your own) 12:30 - 1:30 pm CDT
Morning Session 8:30 am - 12:30 pm CDT	Afternoon Session 1:30 - 5:00 pm CDT

Tuition

\$289 for individual registration

\$239 for three or more registrants from the same company at the same time.

Included with your registration: PDF 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

Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar. For more information, please visit our FAQ section of our website, or visit www.gotowebinar.com.

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.

Additional Webinars

Managing Engineering Liability and Risk in Texas

- Thurs, Aug 19, 2021 | 8:30 am - 5:00 pm CDT

Soil Mechanics, Bearing Capacity and Slope Stabilization

- Fri, Aug 20, 2021 | 8:30 am - 4:30 pm CDT

The Tree Course: Science, Design, and Sustainability

- Fri, Aug 20, 2021 | 9:00 am - 4:30 pm CDT

How To Handle Ethical Issues Associated with Defects and Failures

- Tues, Aug 24, 2021 | 9:00 - 11:00 am CDT

Pavement Design

- Wed, Aug 25, 2021 | 8:30 am - 4:30 pm CDT

Construction Cost Estimating

- Thurs, Aug 26, 2021 | 8:30 am - 3:50 pm CDT

Handling Ethical Issues in Construction

- Tues, Aug 31, 2021 | 3:00 - 5:00 pm CDT

For more information and other online learning opportunities visit: www.halfmoonseminars.org

Continuing Education Credit Information

This webinar is open to the public and offers 7.0 PDHs to professional engineers and 7.0 HSW CEPHs/continuing education hours, including 1.0 hour in sustainable design, to architects and landscape architects in Texas. Educators and courses are not subject to pre-approval in Texas.

The American Institute of Architects has approved this event for 7.0 HSW Learning Units (Sponsor No. J885) and the Landscape Architecture Continuing Education System for 7.0 HSW PDHs. Only full attendance can be reported to the AIA/CES and LA CES.

Engineers, architects and landscape architects seeking continuing education credit in other states will be able to claim the hours earned at this webinar, in most cases. Refer to specific state rules to determine eligibility.

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

The International Code Council has approved this event for .65 CEUs in the specialty area of Sitework (Preferred Provider No. 1232).

Visit this course listing at www.halfmoonwebinars.org for updates on pending credit.

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

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Registration

Stormwater Best Management Practices

Online - Monday, August 30, 2021

How to Register		Registrant Information
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Phone: 715-835-5900		Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____ Name: _____ Occupation: _____ Email: _____ Phone: _____
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Complete the entire form. Attach duplicates if necessary.		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 webinar.** Single Registrant - **\$289.00**. Three or more registrants from the same company registering at the same time - **\$239.00** each.

() **I am not attending.** Please send me the webinar recording:

- Streamable MP4 Video/PDF Manual for **\$299.00**.
- USB Video/PDF Manual for **\$299.00**.

Checks: Make payable to HalfMoon Education Inc.

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