

HalfMoon Education Live Continuing Education Webinars

Stormwater Basins: Design, Construction and Maintenance *for the Southeastern U.S.*

Online - Friday, October 21, 2022 | 9:30 am - 5:00 pm EDT

Credits:

Professional Engineers: 6.5 PDHs

Architects: 6.5 HSW CE Hours AIA: 6.5 LU|HSW

Landscape Architects: 6.5 HSW CE Hours LA CES: 6.5 HSW PDHs

Floodplain Managers: 6.5 ASFPM CECs

International Code Council: .65 CEUs (Building)

HalfMoon Education Inc.
PO Box 278
Altoona, WI 54720-0278

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Stormwater Management System Objectives and Design Considerations in the Southeastern U.S.

- Regulations addressing stormwater quality and management
 - Clean Water Act
- Site assessment
- Preparing stormwater pollution prevention plans
 - Stormwater goals
 - Design considerations

Choosing Storage System Types: Detention Basins

- Stormwater routing, sizing, design criteria
- Water quality, public safety
- Inlets, outlets, forebays, spillways

Choosing Storage System Types: Retention Basins

- Stormwater routing, sizing, design criteria
- Water quality, public safety
- Inlets, forebays, spillways

Choosing Storage System Types: Infiltration Basins

- Stormwater routing, sizing, design criteria
- Enabling and promoting infiltration

Sustainable Best Practices in Stormwater Detention/Retention

- Naturalizing detention/retention basins
- Small detention areas vs. large detention area
- Rain gardens
- Water reuse options
- Recharging groundwater table
- Retrofitting existing systems and basins

Maintenance, Repair and Improvement of Existing Stormwater Basins

- Recommended and required maintenance for stormwater basins
- Handling common repairs and improvements

Presented by

Daryl Norris *Civil Engineer, City of Greenville, NC*

Mr. Norris is a civil engineer for the City of Greenville, North Carolina, specializing in stormwater engineering, and he is the owner of Norris Environmental Engineering, PLLC. He is a professional engineer, a certified floodplain manager, a certified professional in stormwater quality, and a certified professional in low impact development. Prior to working for the City of Greenville, Mr. Norris worked with the North Carolina Wildlife Resources Commission and the North Carolina Division of Water Quality. He was also the environmental specialist and floodplain administrator for the City of Wilson. He holds a bachelor's degree in Fish and Wildlife Management and a master's degree in Biological and Agricultural Engineering, both from North Carolina State University.

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.*

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Recordings of this webinar 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.

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or scan here



Credit Information

This webinar is open to the public and is designed to qualify for 6.5 PDHs for professional engineers, 6.5 HSW continuing education hours for licensed architects, and 6.5 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 6.5 LU/HSWs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The Landscape Architecture Continuing Education System has approved this course for 6.5 HSW PDHs. Only full participation is reportable to the LA CES.

This webinar has been approved by the Association of State Floodplain Managers for 6.5 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.halfmoonseminars.org for updates on pending credits.

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)