

# Seminar Agenda

Presented by Kevin Boesch, CPESC

## Understanding Stormwater Permit Requirements and Procedures

Background and development of national and state regulations and permit requirements

Activities exempt from construction general stormwater permit requirements

Complying with NPDES 2017 Construction General Permit

- Notice of intent requirements
- Special conditions for sensitive waters
- Review and permitting process
- Implementing, monitoring and assessing SWPPPs

## Understanding and Applying the Science of Stormwater

Hydrology, soil science and drainage

Classifying storm events

Identifying consequences of storm events

## Developing Stormwater Pollution Prevention Plans (SWPPP)

Including required elements

Assessing construction sites

Choosing best management practices (BMPs)/control measures

Planning for required inspection, maintenance and recordkeeping

Obtaining plan certification

Implementing SWPPPs

## Choosing Appropriate Stormwater Best Management Practices (BMPs)/Control Measures

Stormwater management planning

Sizing criteria

Green infrastructure practices

- Preservation of natural features and conservation design
- Reducing impervious cover

Green management techniques

- Conservation of natural areas
- Riparian buffers and filter strips
- Vegetated swales
- Rain gardens
- Stormwater planters
- Porous pavement
- Disconnected runoff
- Green roofs
- Proprietary practices

## Developing Plans for Inspection, Monitoring, Maintenance and Recordkeeping

Understanding the science and terminology of stormwater management and monitoring

Implementing monitoring plans

Reviewing stormwater BMP/control measure case studies

Stormwater Management 2017  
Albuquerque, NM - Thursday, July 20, 2017

NON-PROFIT  
U.S. POSTAGE PAID  
EAU CLAIRE, WI  
PERMIT NO. 2016

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



# Learning Objectives

## You'll be able to:

**Determine** when a stormwater permit is necessary and comply with stormwater permit requirements.

**Describe** the elements to be included in stormwater pollution prevention plans (SWPPPs).

**Obtain** plan certification for SWPPPs.

**Choose** appropriate stormwater best management practices (BMPs), such as stormwater planters, porous pavement and vegetated swales.

**Identify** typical issues in management system inspection and maintenance.



# Stormwater Management 2017



## Albuquerque, NM

Thursday, July 20, 2017

**Understand** the background and development of national and state stormwater regulations

**Identify** activities exempt from construction general stormwater permit requirements

**Examine** the required elements and best management practices for stormwater pollution prevention plans

**Learn** about green management techniques including vegetated swales and rain gardens

**Review** requirements and recommendations for inspection, monitoring and maintenance

## Continuing Education Credits

Professional Engineers

7.0 PDHs

Architects

7.0 HSW CE Hours

7.0 AIA HSW Learning Units

Landscape Architects

7.0 HSW Contact/CPE Hours

7.0 LA CES HSW PDHs

Floodplain Managers

7.0 ASFPM CECs

Contractors

Non-Credit Cont. Ed.



HalfMoon Education Inc.

WWW.HALFMOONSEMINARS.ORG

# Faculty

## Kevin Boesch, CPESC *Senior Permitting Specialist at Logan Simpson Design*

Mr. Boesch has over 15 years of Clean Water Act (CWA) Sections 401, 402, and 404 permitting and dust control experience. He is responsible for conducting all site inspections and stormwater monitoring for Logan Simpson's active stormwater and dust control projects. His primary job responsibilities include routine environmental monitoring, training, and stormwater pollution prevention plan (SWPPPs) production for large energy and infrastructure projects. Mr. Boesch has conducted stormwater training, inspections, best management practice (BMP) and stormwater control measure installation oversight, and environmental protection administration for contractors during the construction of several large linear projects to bring those projects' stormwater documents and work activities into compliance with state departments of environmental quality Construction General Permit requirements. He has also been responsible for site management for pre-construction activities on Impaired Waters and Outstanding Arizona Waters (OAW) construction projects. Mr. Boesch was a primary author of the *Maricopa County, Arizona Dust Abatement Handbook and Field Guide* and served as the Arizona Department of Transportation (ADOT) district environmental coordinator for the Globe District. He authored the ADOT SWPPP Template and Stormwater Monitoring Sampling and Analysis Plan Template. Mr. Boesch is the facilitator of the ADOT/Associated General Contractors (AGC) erosion control coordinator (ECC) courses and the Nevada Department of Transportation (NDOT)/Las Vegas Associated General Contractors (LVAGC)/Nevada Contractors Association (NCA) water pollution control manager (WPCM) training courses.

# About the Seminar

Doubletree Hotel Albuquerque  
201 Marquette Avenue Northwest  
Albuquerque, NM 87102  
(505) 247-3344

## Tuition

**\$279** for individual registration  
**\$259** for three or more simultaneous registrations.

**Included with your registration!** Complementary continental breakfast and printed seminar manual.

**Receive a reduced tuition rate of \$101** by registering to be our on-site coordinator for the day. For availability and a job description, go online to [www.halfmoonseminars.org](http://www.halfmoonseminars.org).

## Four Easy Ways to Register Today!

Register online at [www.halfmoonseminars.org](http://www.halfmoonseminars.org), mail in the registration form to **HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278**, fax the form to (715) 835-6066, or call a customer service representative 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.

Registration  
8:00 - 8:30 am  
Morning Session  
8:30 am - 12:15 pm  
Lunch (On your own)  
12:15 - 1:15 pm  
Afternoon Session  
1:15 - 5:00 pm

## Continuing Education Credit Information

This seminar is open to the public and offers up to 7.0 PDHs to professional engineers, 7.0 HSW continuing education hours to architects, and 7.0 HSW contact/CPE hours to landscape architects in New Mexico. Educators and courses are not subject to preapproval in New Mexico.

This seminar is approved by the American Institute of Architects for 7.0 HSW Learning Units (Sponsor No. J885) and the Landscape Architecture Continuing Education System for 7.0 HSW PDHs. Partial attendance cannot be reported to the AIA.

New Mexico architects, engineers, and landscape architects with continuing education requirements in other states will be able to apply the hours earned at this seminar, in most cases. Refer to specific state rules to determine eligibility, or contact HalfMoon Education for assistance.

The Association of State Floodplain Managers has approved this activity for 7.0 CECs.

This course offers a non-credit continuing education opportunity to construction contractors. 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.

# Webinar Series

## Handling Ethical Issues in Professional Engineering Practice

Fri., June 9, 10:00 - 11:00 AM CDT

## Pavement Design

- **Principles of Pavement Design**  
Thurs., June 15, 11:00 AM - 12:00 PM CDT
- **Flexible Pavement Design**  
Thurs., June 15, 12:30 - 2:30 PM CDT
- **Rigid Pavement Design**  
Fri., June 16, 11:00 AM - 1:00 PM CDT
- **Maintenance, Rehabilitation and Sustainability of Pavements**  
Fri., June 16, 1:30 - 3:30 PM CDT

## SketchUp: In-Depth Modeling Techniques for Building Professionals

- **SketchUp Good Modeling Practices and Techniques**  
Mon., June 19, 3:00 - 4:30 PM CDT
- **Resolving Complex Roofs in SketchUp**  
Tues., June 20, 3:00 - 4:30 PM CDT
- **Creating Animations and Movies in SketchUp**  
Wed., June 21, 3:00 - 4:30 PM CDT
- **Continuous Backgrounds for the SketchUp Model or Animation**  
Thurs., June 22, 3:00 - 4:30 PM CDT
- **Introducing Google Earth Geolocation into the Model**  
Fri., June 23, 3:00 - 4:30 PM CDT

## Solar Photovoltaic Project Design and Development

- **Solar Photovoltaic Project Design and Development, Part I**  
Wed., June 7, 11:00 AM - 3:15 PM CDT
- **Solar Photovoltaic Project Design and Development, Part II**  
Thurs., June 8, 11:00 AM - 2:15 PM CDT

For more information visit:

[www.halfmoonseminars.org/webinars/](http://www.halfmoonseminars.org/webinars/)

## 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.

# Registration

## Stormwater Management 2017

Albuquerque, NM - Thursday, July 20, 2017

## How to Register

**Online:**  
[www.halfmoonseminars.org](http://www.halfmoonseminars.org)

**Phone:**  
715-835-5900

**Fax:**  
715-835-6066

Key Code

**Mail:**  
HalfMoon Education Inc.  
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.

( ) **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: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_ CVV2 Code: \_\_\_\_\_  
Cardholder Name: \_\_\_\_\_  
Billing Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Email: \_\_\_\_\_