

Agenda

Community Engagement

J. Kuebler

- Solving collaborative problems
 - Powerful tools for green infrastructure
- Introduction to innovative public engagement methods
 - Developing implementable green infrastructure vision plans
- Case studies of engagement successes in terms of design and funding
- Green infrastructure's potential for greater community value beyond stormwater management

MS4 Stormwater Permit Requirements for Municipal Operations: Building a Compliant Program

M. MacSwan

- Pollution prevention and good housekeeping (P2/GH) for municipal operations as required under New York State's Phase II stormwater regulations
 - Basic components of the regulations
 - Compliance, documentation and recordkeeping
 - Performing the environmental facility assessment

How Plants and Soils work together in Green Infrastructure

J. Kuebler

- Selecting green infrastructure components
 - Site analysis and stormwater goals for the project
 - Solutions for both plants and drainage mediums
- Plants provide significant environmental benefits
 - Plants behave differently
 - Review of popular plant selections and what environmental contribution they play
- The importance of pairing the right plant with the right drainage medium
 - Green infrastructure goal and the right fit for the project context

Understanding Stormwater Permit Requirements and Procedures

R. Nogle

- Background and development of national and state regulations and permit requirements
- Activities exempt from construction general stormwater permit requirements
- Complying with NPDES and New York State Department of Environmental Conservation regulations
 - Notice of intent requirements
 - Special conditions for sensitive waters
 - Review and permitting process
 - Implementing, monitoring and assessing SWPPPs

Perspectives and Lessons Learned

J. Kuebler

- Green infrastructure lessons learned
- What is next on the horizon of green infrastructure/resiliency?
- How can green infrastructure become more intertwined with daily community life?

Stormwater Management 2018

Amherst, NY - Tuesday, June 26, 2018

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Learning Objectives

You'll be able to:

- Identify** powerful tools for green infrastructure and get tips on engaging the public.
- Discuss** MS4 stormwater permit requirements for pollution prevention and good housekeeping.
- Conduct** a site analysis and discuss stormwater design goals in order to select appropriate green infrastructure.
- Comply** with NPDES and New York State Department of Environmental Conservation regulations.
- Examine** how green stormwater infrastructure can become more intertwined with daily community life.



Stormwater Management 2018

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Develop green stormwater infrastructure vision plans

Examine pollution prevention and good housekeeping for municipal operations

Explore the selection of plants and the correct drainage medium

Study NPDES and New York State stormwater regulations

Discuss green infrastructure lessons learned and determine next steps

Continuing Education Credits

Architects & Landscape Architects

7.5 HSW Continuing Ed. Hours
7.5 AIA HSW Learning Units
7.5 LA CES HSW PDHs

Professional Engineers

7.5 Continuing Ed. Hours

Floodplain Managers

7.5 ASFPM CECs

Contractors

Non-Credit Continuing Ed.



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Faculty

Joy Kuebler
Joy Kuebler Landscape Architect, PC (JKLA) in North Tonawanda

Ms. Kuebler is a graduate of Cornell University's Landscape Architecture program and has focused her work on the human experience in the landscape, integrating the outdoors and architecture to create unique and inspiring environments. She formed Joy Kuebler Landscape Architect, PC (JKLA), in 2003 to have a positive impact on the quality of life for people through sensitive and responsible design. JKLA is an award-winning, industry leader in green infrastructure and stormwater management design. In 2010, Ms. Kuebler teamed with Landscape Structures, Inc to participate in the pilot program for the Sustainable Sites Initiative (SITES); a land-based sustainable practice rating system, documenting a sustainable learning garden at Buffalo Public School #81. She has been the keynote speaker for the Erie County Stormwater Coalition bi-annual meeting as well as a presenter for the National Recreation and Parks Association's annual meeting discussing green infrastructure and playgrounds. Ms. Kuebler also plays a vital role in her community and profession serving as the New York Upstate Chapter president of the American

Society of Landscape Architects (ASLA) from 2013-2015, as well as serving on the WNY 2014 Conference Program Committee for the Congress for New Urbanism. She is a previous member of the Botanical Gardens Board of Directors, a Buffalo Green Code advisor for various working groups, and a member of The Women's Group of Buffalo.

Mary C. MacSwan
*Erie County Department of Environment and Planning
Chief Environmental Compliance Specialist in Buffalo*

Ms. MacSwan has worked in the field of environmental management for over 20 years. She has a B.S. degree in Secondary Education and an M.S. degree in Environmental Science. Since 1998, Ms. MacSwan has worked for the Erie County Department of Environment and Planning as project manager for stormwater pollution prevention projects as well as for programs addressing environmental issues that include habitat restoration and mercury pollution. She coordinates the Western New York Stormwater Coalition, providing its 43 regulated municipalities with stormwater permit compliance assistance, grant writing, and management of funded programming and public and employee education.

Rosaleen B. Nogle *PE, BCEE, CPESC, CPISM, CPMSM, CPSWQ*
Assistant Principal Engineer, Chief of Sewer Maintenance and Stormwater Management Officer for the Buffalo Sewer Authority (BSA).

Ms. Nogle graduated from the University at Buffalo with both bachelor of science and master of science degrees in Civil Engineering. Ms. Nogle is a licensed professional engineer in seven states including New York, and a board certified Environmental Engineer who holds various stormwater certifications. She has over ten years of full-time work experience with the Erie County Division of Sewerage Management (DSM), the Erie County Health Department, and the BSA. Ms. Nogle has produced stormwater management compliance documents for both the DSM and BSA and has reviewed countless plans for compliance with state, local and federal stormwater regulations. She manages a staff of 40 individuals and multiple contracts to operate and maintain the BSA's wastewater collection and stormwater systems. Ms. Nogle also oversees compliance with the state municipal separate storm sewer system (MS4) permit for the BSA.

Seminar Information

Buffalo Marriott - Niagara
1340 Millersport Hwy.
Amherst, NY 14221
(716) 689-6900

Tuition
\$279 for individual registration
\$259 for three or more 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. You may also send another person to take your place.

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.

Continuing Education Credit Information

This seminar is open to the public and offers up to 7.5 HSW continuing education hours to architects, and professional engineers in most states, including New York and New Jersey. This also offers up to 7.5 HSW continuing education hours to New York landscape architects.

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 7.5 HSW Learning Units (Sponsor No. J885) and the Landscape Architecture Continuing Education System for 7.5 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.

The Association of State Floodplain Managers has approved this course for 7.5 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.

Additional Learning

Webinar Series

Proposal Writing

- Tues., May 22, 2018, 11:00 AM - 3:30 PM CDT

Soil Engineering

- **Introduction to Soil Engineering**
Wed., May 30, 2018, 11:00 AM - 12:30 PM CDT
- **Design of Excavation Support Systems**
Wed., May 30, 2018, 1:00 - 2:30 PM CDT
- **Slope Repair Techniques**
Thurs., May 31, 2018, 11:00 AM - 12:30 PM CDT
- **Practical Approaches to Foundations and Retaining Structures**
Thurs., May 31, 2018, 1:00 - 2:30 PM CDT

National Electrical Code: Onsite Power Generation and Distribution

- **National Electric Code: Onsite Power Generation and Distribution Part 1**
Weds., June 6, 2018, 11:00 AM - 2:15 PM CDT
- **National Electric Code: Onsite Power Generation and Distribution Part 2**
Thurs., June 7, 2018, 11:00 AM - 2:15 PM CDT

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

Registration

Stormwater Management 2018
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How to Register		Registrant Information
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Complete the entire form. Attach duplicates if necessary.		Occupation: _____
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		Additional Registrants:
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		Occupation: _____
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		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.
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