

Agenda

Identifying Wetlands *S. Bush*

- Presence of wetland vegetation
- Identification of wetland soils
- Importance of underlying wetland hydrology

Understanding Federal and New Jersey Wetlands Laws and Enforcement *S. Bush*

- The Federal Clean Water Act
- National Food Security Act of 1985
- New Jersey Freshwater Wetlands Protection Act
- Implementing/enforcing agencies
 - U.S. Army Corps of Engineers
 - U.S. Environmental Protection Agency
 - U.S. Department of Agriculture
 - U.S. Fish and Wildlife Service
 - New Jersey Department of Environmental Protection

Wetlands Permitting Process *S. Bush*

- Wetlands determinations and delineations
- Determining applicability of regulations
- Wetland permitting and certification processes
 - Notice provisions
 - Review process
 - Mitigation/compensation requirements
- Appeals process

Wetland Preservation, Restoration, Creation and Enhancement *W. Young*

- Understanding the importance of wetlands
 - Flood storage and conveyance
 - Pollution control and carbon storage
 - Erosion control
 - Wildlife habitat
 - Recreation
- Wetland preservation strategies and techniques
- Wetland restoration
 - Preference for onsite and in-kind restoration
 - Hydrological considerations
 - Restoration techniques
- Wetland creation
 - Methods, benefits and drawbacks
- Wetland enhancement
 - Purposes and techniques

New Jersey Wetlands Law and Compliance
Princeton, NJ - Wednesday, June 12, 2019

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PO Box 278
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Learning Objectives

You'll be able to:

- Identify** wetlands and understand the importance of underlying wetland hydrology.
- Learn** about Federal and New Jersey wetlands protection laws and enforcement.
- Understand** the wetlands permitting and certification processes.
- Explore** important wetland functions, including flood storage, pollution control and carbon storage.
- Evaluate** wetland preservation strategies and techniques.
- Learn** about wetland restoration, creation and enhancement.



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New Jersey Wetlands Law and Compliance

Princeton, NJ - Wednesday, June 12, 2019



- Identify** wetlands and consider the importance of underlying wetland hydrology
- Receive** an overview of Federal and New Jersey wetlands laws and enforcement
- Explore** the wetlands permitting process

- Evaluate** wetland preservation strategies and techniques
- Examine** the methods, benefits, and drawbacks of wetland restoration, creation and enhancement

Continuing Education Credits

- Professional Engineers**
6.5 CPC
- Architects**
6.5 HSW Contact Hours
6.5 AIA HSW Learning Units

- Landscape Architects**
6.0 NJ Continuing Ed. Hours
6.5 LA CES HSW PDHs
- Floodplain Managers**
6.5 ASFPM CECs



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Faculty

Scott E. Bush *Senior Ecologist/Wetland Scientist with GHD Services, Inc.*
Mr. Bush is senior ecologist with a broad background in ecological studies and over 25 years of experience as a consultant working for the private, non-profit, and public sectors. Mr. Bush is a recognized expert in the identification, classification and delineation of wetlands and is proficient in plant identification, wetland hydrology investigations, and soil analysis. He is certified as a professional wetland scientist by the Society of Wetland Scientists. Mr. Bush regularly works on projects requiring federal and state wetland/ecological permitting and is familiar with the applicable state and federal regulations and permitting requirements. He has extensive experience in the design and implementation of ecological field studies related to habitat assessments and presence/absence investigations for a variety of rare, threatened, or endangered flora and fauna. Mr. Bush is listed as a Pennsylvania Fish and Boat Commission-approved redbelly turtle, bog turtle, southern leopard frog, northern cricket frog, and New Jersey chorus frog surveyor in Pennsylvania.

William E. Young *PWS, CERP The Dawson Corporation*
Mr. Young is a recognized leader in the environmental field with more than 30 years of experience as a project manager, designer, and wetland specialist. He holds a B.S. degree, SUNY Forestry, and a Master of Science degree from Pratt Institute. Mr. Young has experience in construction, design and planning on large scale restoration and wetland sites. His expertise includes habitat restoration on disturbed lands, wetlands monitoring and construction, natural resource inventory, forestry, wildlife assessment, mitigation and banking, and erosion and sediment control. Mr. Young is an adjunct professor at Temple University, and the University of Pennsylvania, School of Design, teaching Sustainable Practices and Ecology.

Seminar Information

Hyatt Regency Princeton 102 Carnegie Center Princeton, NJ 08540 (609) 987-1234	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 - 4:30 pm
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Tuition
\$289 for individual registration
\$269 for three or more simultaneous registrations.

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Complimentary continental breakfast and printed seminar manual.

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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 self-study package. You may also send another person to take your place.

Additional Learning

Webinar Series
Septic Systems Series
• **Onsite Wastewater Treatment Technologies, Regulations and Contaminant Removal**
Tues., May 21, 2019, 11:00 AM - 12:30 PM CDT
• **Evaluating Sites, Setting Treatment Goals and System Design**
Tues., May 21, 2019, 1:00 - 2:30 PM CDT
• **Alternative and Sustainable Treatment Technologies**
Thurs., May 23, 2019, 11:00 AM - 12:30 PM CDT
• **Management Programs for Onsite Wastewater Treatment Systems**
Thurs., May 23, 2019, 1:00 - 2:30 PM CDT

Construction Cost Estimating
• **Introduction to Cost Estimating**
Thurs., May 23, 2019, 11:00 AM - 12:30 PM CDT
• **Cost Components – A Closer Look at the Estimates**
Thurs., May 23, 2019, 1:00 - 3:00 PM CDT
• **Cost Estimate Organization and Examples**
Fri., May 24, 2019, 11:00 AM - 1:00 PM CDT
• **Cost Estimating Topics**
Fri., May 24, 2019, 1:30 - 3:00 PM CDT

International Residential Code
• **Development and Enforcement of International Residential Code**
Thurs., May 30, 2019, 11:00 AM - 12:00 PM CDT
• **Building Planning and Shell Construction (IRC Chapters 3-10)**
Thurs., May 30, 2019, 12:30 - 2:30 PM CDT
• **Energy Efficiency (IRC Chapter 11)**
Fri., May 31, 2019, 11:00 AM - 12:00 PM CDT
• **Mechanical, Fuel, Plumbing and Electrical Systems**
Fri., May 31, 2019, 12:30 - 2:30 PM CDT

For more information and other online learning opportunities visit:
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Continuing Education Credit Information

This seminar is open to the public and offers 6.5 CPC credits to New Jersey professional engineers. HalfMoon Education is an approved continuing education provider for New Jersey engineers (Approval No. 24GP00000700).

This event has been approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. J885). Courses approved by the AIA qualify for New Jersey architects.

The New Jersey Board of Architects has approved this course for 6.0 continuing education hours for landscape architect. The Landscape Architecture Continuing Education System has approved this event for 6.5 HSW PDHs.

The Association of State Floodplain Managers has approved this seminar for 6.5 CECs for certified floodplain managers.

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.

Can’t Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!
Audio recordings of this seminar are available for purchase starting at \$269. 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.

Registration

New Jersey Wetlands Law and Compliance

How to Register

Online:
www.halfmoonseminars.org

Phone:
715-835-5900

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Complete the entire form. Attach duplicates if necessary.

Registrant Information

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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 - **\$289.00**. Three or more registrants from the same company registering at the same time - **\$269.00** each.

() **I am not attending.** Please send me the self-study package:

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