

Agenda

Identifying Wetlands

G. Fleischer

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

Understanding Federal Law and New York's Wetland Laws

D. McDougall

The Federal Clean Water Act
National Food Security Act of 1985
New York Freshwater Wetlands Act and regulations
New York Tidal Wetlands Act and regulations
Implementing/enforcing agencies

- U.S. Army Corps of Engineers
- U.S. Environmental Protection Agency
- U.S. Department of Agriculture
- New York State Department of Environmental Conservation

Wetlands Permitting Process

M. Bontje,
D. Cuneo

Wetlands determinations and delineations
Determining applicability of regulations
Wetland permitting processes

- Notice provisions
- Review process
- Mitigation/compensation requirements

Appeals process

Wetland Preservation, Restoration, Creation and Enhancement

M. Bontje,
D. Cuneo

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

Hurricane Sandy and the impact to New York's coastlines

New York Wetland Law and Compliance
Albany, NY - Tuesday, February 13, 2018

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Learning Objectives

You'll be able to:

Understand how wetlands are delineated under the federal Clean Water Act and the New York Tidal and Freshwater Wetland Acts.

Identify the presence of wetland vegetation and wetland soils.

Understand wetland permitting processes.

Review design considerations and best practices in wetland restoration and creation.

Discuss Hurricane Sandy and the impact to New York's coastlines.



New York Wetland Law and Compliance

Albany, NY - Tuesday, February 13, 2018



Learn how wetlands are defined and delineated

Discuss federal and New York wetland laws, including the federal Clean Water Act and the New York Tidal and Freshwater Wetland Acts

Review wetland permitting processes

Understand wetland preservation, creation and enhancement

Continuing Education Credits

Attorneys

8.0 New York CLE Hours

Professional Engineers

6.5 Continuing Ed. Hours

Architects & Landscape Architects

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

Floodplain Managers

6.5 ASFPM CECs

Geologists

Non-Credit Continuing Ed.

Contractors

Non-Credit Continuing Ed.



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Greg Fleischer, PWS *Capital Environmental Consultants, Inc.*
Mr. Fleischer is the founder and principal of Capital Environmental Consultants, Inc., and is an environmental scientist and professional wetland scientist with more than 12 years of experience in the environmental consulting industry. He has conducted wetland and ecological investigations at properties throughout the five boroughs of New York City, Long Island, and the Lower and Mid-Hudson Valley. His areas of expertise include all aspects of federal, state, and local wetland analysis including freshwater and tidal delineation, specializing in comprehensive determinations for routine, atypical, and problem wetlands. Mr. Fleischer has extensive experience developing solutions and providing strategic advice for a wide range of clients and projects. He holds a BS degree in Biology from SUNY New Paltz and an MS degree in Environmental Science from Pace University.

Devin McDougall *Sive, Paget & Riesel, P.C.*
Mr. McDougall is an attorney with Sive, Paget and Riesel, a boutique environmental law firm in New York City. He has extensive experience advising clients on federal and state wetlands issues, both in New York City and upstate, and has

Seminar Information

Hilton Garden Inn Albany Airport
800 Albany Shaker Road
Albany, NY 12211
(518) 464-6666

Registration
8:00 - 8:30 am

Morning Session
8:30 - 11:45 am

Lunch (On your own)
11:45 am - 12:45 pm

Afternoon Session
12:45 - 4:40 pm

Tuition
\$279 for individual registration
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How to Register

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Attendance will be monitored, and attendance certificates will be available at the seminar for those who attend the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.



lectured widely on these topics. He has worked on guiding clients through permitting and enforcement processes and also represented clients in litigation over federal and state wetlands permits and environmental impact review involving wetlands. He holds a JD degree from Columbia Law School and BA and MA degrees from McGill University.

Michael Bontje *B. Laing Associates*
Mr. Bontje has been a practicing wetlands and mitigation scientist for more than 34 years. For NYCEDC, he has been involved in marine habitat assessment, and in permitting and mitigation for the New York Yankees Minor league baseball stadium in Staten Island and the Bush Terminal inter-pier solid waste fill in the Sunset Park section of Brooklyn. For other clients, he has been involved in impact assessment, mitigation, restoration construction and permitting in New York City and throughout Long Island. Mr. Bontje is not only familiar with planning and permitting of freshwater and tidal systems, but has also been involved in their construction and monitoring. He has delineated or reviewed projects in both freshwater and tidal situations. Successfully completed mitigation sites range from a 0.25 acre tidal wetland site in Staten Island; an

Continuing Education Credit Information

This seminar is open to the public. HalfMoon Education is certified by the New York State CLE Board as an Accredited Provider of CLE programs*. This traditional format course offers 8.0 Areas of Professional Practice CLE hours, which are appropriate for new and experienced attorneys.

HalfMoon Education is approved as a continuing education provider by the New York State Education Department/State Board for Engineering and Land Surveying (NYSED Sponsor No: 35). This event provides up to 6.5 continuing education hours (PDHs) to New York engineers to whom the subject matter is professionally relevant.

This seminar offers up to 6.5 HSW continuing education hours to New York architects and landscape architects. HalfMoon Education is deemed an approved continuing education provider via its relationship with the American Institute of Architects. This course is approved by the AIA for 6.5 HSW Learning Units (Sponsor No. J885) and 6.5 HSW PDHs by the Landscape Architecture Continuing Education System. Only full attendance can be reported to the AIA/CES and LA/CES.

The Association of State Floodplain Managers has approved this event for 6.5 CECs.

This course offers a non-credit continuing education opportunity to geologists and contractors. No state continuing education approvals are being sought for this program.

*HalfMoon Education will provide financial hardship assistance to New York attorneys who wish to attend this event. Contact Doug Chapman at doug@halfmoonseminars.org for details.

8.0 acre freshwater site in Rockland County, New York; and a 3.2 acre freshwater site in Waterbury, Connecticut; to a 158 acre tidal wetland site in Bergen County, New Jersey. He is known for both creative and cost effective problem solving. Mr. Bontje is certified by the Army Corps of Engineers (ACOE) as a wetland delineator (#WDGP94MD031301333). He is also a certified professional in soil erosion and sediment control (CPESC #5347) and a certified professional in storm water quality (CPSWQ #0578).

Danna Cuneo *WBL and Associates, LLC*
Ms. Cuneo has been a practicing wetland scientist for 16 years. She has attended numerous training courses and worked for both WBL and Associates, LLC, and B. Laing Associates, Inc. Ms. Cuneo has delineated well over 150 freshwater and tidal wetland projects. This includes having participated in the modeling, mitigation design, permitting, and construction and monitoring of wetland mitigation systems. In addition, she has analyzed numerous air quality projects from a quantitative and qualitative view point. Ms. Cuneo is also a certified professional in soil erosion and sediment control (CPESC #8145).

Additional Learning

January Webinar Series

Designing Solar Roofs and Community Solar

- **Design Your Solar Roof**
Wed., Jan. 24, 2018, 11:00 AM - 2:15 PM CST
- **Community Solar**
Wed., Jan. 31, 2018, 11:00 AM - 2:15 PM CST

Pumping and Piping System

- **Introduction to Pumps: Operation, Principles and Calculations**
Thurs., Jan. 25, 2018, 12:00 - 2:00 PM CST
- **Design Standards and Codes**
Thurs., Jan. 25, 2018, 2:30 - 3:30 PM CST
- **Piping System Components, Materials and Calculations**
Fri., Jan. 26, 2018, 12:00 - 2:00 PM CST
- **Handling Pump and Piping System Problems**
Fri., Jan. 26, 2018, 2:30 - 3:30 PM CST

For more information visit:
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Registration

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Albany, NY - Tuesday, February 13, 2018

How to Register	
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