

Agenda

Identifying Wetlands

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

D. Poling

Understanding Federal and State Wetlands Laws and Enforcement

- 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

S. Lieberman

Focus on Tidal Wetland Regulation

S. Lieberman

Wetlands Permitting Process

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

V. Coppola

Case Studies - importance of wetland projects from green sites to redevelopment and notice of violations

Wetland Preservation, Restoration, Creation and Enhancement

M. Paist-Goldman

- 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 technique

New Jersey Freshwater Wetlands Law and Compliance

Live, Interactive Webinar - Wednesday, July 10, 2024

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PO Box 278
Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

- Learn** about the process for identifying wetlands.
- Explore** the requirements of the federal Clean Water Act and the New Jersey Freshwater Wetlands Protection Act.
- Get** an overview of New Jersey tidal wetlands regulation.
- Examine** the New Jersey wetland permitting and certification processes.
- Review** case studies that illustrate the importance of wetland projects in New Jersey.
- Participate** in projects that preserve, restore, create and enhance wetlands.



HalfMoon Education Inc.,
Your LIVE Education Leader Presents

New Jersey Freshwater Wetlands Law and Compliance

Live, Interactive Webinar - Wednesday, July 10, 2024



Understand how wetlands are identified

Participate in the New Jersey wetlands permitting process

Comply with federal law and the New Jersey Freshwater Wetlands Protection Act

Understand the environmental and economic importance of wetlands

Get an overview of New Jersey tidal wetland regulation

Take steps to preserve and restore wetlands

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7.0 PDHs

Floodplain Managers
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Webinar Information

Online - Wednesday, July 10, 2024

Log into Webinar

8:00 - 8:30 am EDT

Break

11:45 am - 12:15 pm EDT

Morning Session

8:30 - 11:45 am EDT

Afternoon Session

12:15 - 4:30 pm EDT

Tuition

\$339 for individual registration.

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Faculty

David L. Poling

Mr. Poling, President of Professional Environment Associates, Inc., has over 40 years of experience in the environmental consulting field and actively participates on every project. This includes not only management, but he often times is intimately involved in completion of tasks because of 1) his extensive technical background and training, 2) his vast experience in the environmental and consulting fields and 3) his attitude that each project is a reflection of himself. Besides his extensive education and training, Mr. Poling holds a multitude of licenses and certifications in the environmental consulting field. Those licenses include Licensed Site Remediation Professional (NJDEP) and Indoor Environmental Consultant (NJDH&SS).

Stuart J. Lieberman

Mr. Lieberman is a founding member of Lieberman Blecher & Sinkevich with over 30 years of environmental and land use legal experience. Mr. Lieberman is a former state deputy attorney general who represented the New Jersey Department of Environmental Protection. He regularly uses his regulatory experience to advise property owners, industrial operators, gas station owners, dry cleaner operators, and many other companies, individuals, and governments about their environmental compliance responsibilities and issues. He has represented developers and community organizations before planning and zoning boards throughout New Jersey. These cases have involved use variances, land use board approvals, stormwater issues, septic design issues, cell tower cases and billboard cases. Mr. Lieberman has represented neighbors in noise, flooding, and odor disputes, and many oppositions to proposed warehouses throughout New Jersey.

Victor Coppola

Mr. Coppola has been an avid conservationist his entire life. He holds a B.S. degree in Biology from North Carolina State University and an MBA degree from Wake Forest University. Mr. Coppola has worked in many diverse research environments, from microbiology/marine biology labs working with free swimming phyto and zooplankton to entomology labs working with honeybees and tracheal mites. He supplements his diverse background with advanced certifications, licenses and continuing education in support of his environmental profession. Professionally, Mr. Coppola is the founder of GreenWorks Environmental, LLC (GWE), an indoor air quality (IAQ) investigative and correction firm that coined the phrase "Healthy Starts at Home". GWE is known for its practical approach to managing how the built environment collides with the natural environment.

Mary Paist-Goldman, P.E.

Ms. Paist-Goldman has more than 20 years of experience in water resource engineering with a particular focus on stream and wetland restoration and mitigation design. She is the principal and owner of Rippled Waters Engineering, LLC, based in New Jersey. Her firm specializes in water resources engineering services for a variety of projects. Prior to starting Rippled Waters in 2018, she served for many years as principal engineer and director of engineering services of a Mid-Atlantic regional natural resources firm. Ms. Paist-Goldman is an experienced modeler and has worked extensively on design and analysis using a variety of hydrologic and hydraulic programs including HEC-HMS, HEC-RAS, and HydroCAD. Applications for her hydraulic modeling expertise include wetland restoration and mitigation; stream restoration; bridge repair and replacement; and dam repair, replacement, and removal.

For more information on the presenters:
Please visit www.halfmoonseminars.org or scan the QR code

Credit Information

This webinar is open to the public and is designed to qualify for 7.0 PDHs for professional engineers, 7.0 HSW continuing education hours for licensed architects, and 7.0 HSW continuing education hours for landscape architects in New Jersey.

HalfMoon Education is an approved continuing education sponsor for engineers in New Jersey (Approval No. 24GP00000700).

The American Institute of Architects Continuing Education System has approved this course for 7.0 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES. This approval qualifies the course for New Jersey architects.

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This Association of State Floodplain Managers has approved this course for 7.0 CECs for floodplain managers.

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HalfMoon Education is a registered continuing education provider with the New Jersey Courts (#164). This course has been approved for 8.0 CLE credits which are based on 50-minute hours.

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).

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6.0 HSW LUs (AIA) 6.0 HSW PDHs (LA CES)

Additional Learning

Brownfields Assessments, Grants and Redevelopment Opportunities

- Tuesday, June 25, 2024 | 11:00 am - 1:00 pm EDT

Generation Interconnection under the RTO Model and Changes Coming from Order 2023

- Tuesday, June 25, 2024 | 3:00 - 5:00 pm EDT

How to Design, Construct and Maintain a Reinforced Steep Slope

- Tuesday, June 25, 2024 | 10:00 am - 1:00 pm EDT

Manure Storage Design, Environmental Impacts, and Impact Mitigation Approaches

- Wednesday, June 26, 2024 | 10:00 am - 1:15 pm EDT

Deep Dive into Retaining Wall Layout for Site Designers

- Tuesday, July 2, 2024 | 10:00 am - 12:00 pm EDT

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