

Agenda

Wetlands Science *D. DeRouen*
Defining wetlands
Evolving understanding of the value of wetlands
From wetlands destruction to wetlands preservation
How wetlands are identified/delineated

Understanding Federal Wetlands Laws and Enforcement *B. Schroeder*
The Federal Clean Water Act
National Food Security Act of 1985
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
- State natural resources/environmental departments

Wetland Law in Practice: Cases and Case Studies *A. Scarborough*
Cases interpreting the scope of the Clean Water Act and defining “Waters of the U.S.”
Cases interpreting federal wetlands law
Case studies of wetlands destruction and preservation

Wetland Preservation, Restoration, Creation and Enhancement *M. Dilley PWS, CSE*
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

Ethics Issues in Wetland Preservation and Development *M. Schweisberg, PWS*
Acting in the best interest of the public on wetlands issues
Finding alternatives to wetlands destruction

- Including wetland preservation in development plans
- Convincing clients to preserve and restore wetlands

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Federal Wetlands Science, Law, and Compliance Post-Sackett

Live, Interactive Webinar - Friday, June 14, 2024

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Learning Objectives

- You’ll be able to:**
- Define** wetlands and understand how they are identified and delineated.
 - Review** federal laws, including the Clean Water Act, that regulate the development of wetlands.
 - Explore** cases, including the Sackett decision, that interpret the scope of the Clean Water Act.
 - Review** techniques for creating and restoring wetlands.
 - Discuss** ethics issues in wetland preservation and development.



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- Explore** how wetlands are identified and delineated
- Understand** Federal Wetlands Laws and Enforcement
- Review** cases interpreting the scope of the Clean Water Act and defining “Waters of the U.S.”
- Consider** wetland preservation strategies and techniques
- Examine** ethical issues in wetland preservation and development and discuss alternatives to wetlands destruction

Continuing Education Credits

- | | |
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| Engineers
6.5 PDHs | Floodplain Managers
6.5 ASFPM CECs |
| Architects
6.5 HSW CE Hours
6.5 AIA LU HSW | Certified Planners
CM 6.5 |
| Landscape Architects
6.5 HSW CE Hours
6.5 HSW LA CES PDHs | Attorneys
7.5 CLE Hours (FL, NY)
6.5 CLE Hours (CT, PA, VT) |



Webinar Information

Online - Friday, June 14, 2024	
Log into Webinar 8:30 - 9:00 am CDT	Break 11:40 am - 12:10 pm CDT
Morning Session 9:00 - 11:40 am CDT	Afternoon Session 12:10 - 4:20 pm CDT

Tuition
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Faculty

Dylan Paul DeRouen
Wetland Professional in Training (WPIT) at Geosyntec Consultants in Baton Rouge, LA
Mr. DeRouen is a Wetland Professional in Training (WPIT) who specializes in botany and natural resources science. He received his B.S. in Biology at the University of Louisiana at Lafayette and his M.A. degree in Biology at Arkansas State University. Mr. DeRouen has been working in Southeastern (USA) ecosystems for over 10 years, primarily in the alluvial and coastal plains ecoregions. His professional experience includes wetland delineation, bioremediation, environmental permitting, T/E species surveying, ArcGIS, natural history collection and curation, invasive species management, habitat restoration, green infrastructure, native landscaping, and trail construction.

Brianna Schroeder *Partner at Janzen Schroeder Ag Law LLC in Indianapolis, IN*
Ms. Schroeder focuses her legal practice on litigating complex environmental matters, drafting contracts for agribusinesses and farms, and assisting agricultural clients with regulatory compliance and land use issues. Her experience ranges from defending dairy farms against nuisance suits to negotiating solar leases and advising farmers on wetlands compliance. Ms. Schroeder has also litigated environmental insurance coverage, environmental liability, county zoning, and other complex litigation matters throughout Illinois and Indiana, representing a wide variety of clients from large corporations to municipalities to private individuals.

Austin T. Scarborough *Associate at Young/Sommer LLC in Albany, NY*
Mr. Scarborough is an associate at Young/Sommer LLC in Albany, New York. His practice focuses on energy, environmental, and land use law. Mr. Scarborough also represents clients in projects involving Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) remediation and litigation, brownfield redevelopment, wetlands, and the protection of endangered species. He provides counsel on matters such as environmental compliance, due diligence, and permit approval. Mr. Scarborough has also worked with solar, wind and battery storage developers to obtain the necessary permits for renewable projects in New York.

Mark A. Dilley *PWS with MAD Scientist Associates, LLC, in Westerville, OH*
Mr. Dilley earned a B.S. degree in Natural Resources (Fisheries Management) in 1991 and a M.S. degree in Environmental Science (specializing in wetlands) in 2003, both from The Ohio State University. He and his wife Christine are co-owners of a WBE, WOSB, and EDGE-certified environmental consulting firm, MAD Scientist Associates, specializing in ecological and wetland consulting. Mr. Dilley has over 22 years’ experience as a field biologist, ecologist, and wetland scientist. He is an EPA-certified Level 3 Qualified Data Collector (QDC) for fish and habitat studies in Ohio, a Certified Senior Ecologist with the Ecological Society of America, and a Professional Wetland Scientist with the Society of Wetland Scientists. Mr. Dilley has conducted ecological surveys in over 11 states, at a variety of sites, including Department of Energy, NASA, and U.S. military facilities, landfills, and industrial sites.

Matt Schweisberg
PWS Principal with Wetland Strategies and Solutions, LLC in Merrimac, MA
Mr. Schweisberg provides policy, regulatory and technical advice and assistance for clients seeking to navigate a wide range of regulatory and non-regulatory issues related to wetlands and other aquatic resources. He works throughout the U.S. Mr. Schweisberg is a Professional Wetland Scientist under the Professional Certification Program of the Society of Wetland Scientists. He is a retired federal wetlands ecologist and wildlife biologist who spent over 32 years with the U. S. Environmental Protection Agency at its headquarters office in Washington, D.C., and at the New England Region office in Boston. Mr. Schweisberg served as chief of the New England Region's Wetlands Protection Program, as senior wetland ecologist, and on national work groups developing guidance and regulations on Clean Water Act jurisdiction, among other issues. He has testified before federal grand juries and has served several times as an expert witness in federal, state, and private litigation. Mr. Schweisberg has taught courses in wetland regulation, restoration, and creation; wetland ecology; and wetland identification and delineation for federal and state agencies, academic organizations, and environmental consultants. He received his degree in Wildlife Management from the University of Maine.

Credit Information

This webinar is open to the public and is designed to qualify for 6.5 PDHs for professional engineers, 6.5 HSW continuing education hours for licensed architects, and 6.5 HSW continuing education hours for landscape architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

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This Association of State Floodplain Managers has approved this course for 6.5 CECs for floodplain managers.

HalfMoon Education is an approved CM Provider with the American Planning Association. This course is registered for CM | 6.5 for Certified Planners.

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