

Agenda

Understanding Federal and State Wetlands Laws and Enforcement

- The Federal Clean Water Act
- National Food Security Act of 1985
- Indiana State Isolated Wetlands Law
- 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
 - Indiana Department of Environmental Management

B. Schroeder

Wetland Identification

- Soils, plants, water
- Determination vs. delineation
- Delineation manual
- Regional supplements
- Tricky situations – normal/atypical/problem
- Practical exercise

R. Baker

Wetland Functions and Values

- Wetland functions
- Functional assessment methods
- Associated values to humans
- Balancing conservation with progress

R. Baker

Permitting Process and Policy

- Evolution of current policy
- Federal jurisdiction defined through court cases
- Recent changes to federal law defining jurisdiction
- Jurisdictional determinations
- State-regulated wetlands and exemptions
- Types of permits and thresholds: RGP/NWP/Individual
- Practical exercise

R. Baker

Mitigation Policy and Procedures

- Mitigation – the origin story
- Creation, enhancement, restoration, preservation
- Monitoring and success criteria
- 2008 Mitigation Rule
- Wetland banks
- Indiana Stream and Wetland Mitigation Program

R. Baker

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Indiana Wetlands Law and Compliance

Live, Interactive Webinar - Thursday, June 10, 2021

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PO Box 278
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Learning Objectives

You'll be able to:

- Explore** federal law, the Indiana State Isolated Wetlands Law and the role of the Indiana Department of Environmental Management in wetlands regulation.
- Examine** the importance of vegetation, soils, and underlying hydrology in wetland identification.
- Consider** key environmental services provided by wetlands.
- Balance** wetland conservation with progress.
- Understand** the wetland permitting process, including state-regulated wetlands and exemptions.
- Explore** wetland mitigation policies and procedures.



HalfMoon Education Online Learning

Indiana Wetlands Law and Compliance

Live, Interactive Webinar - Thursday, June 10, 2021



Explain Federal and Indiana wetlands law and enforcement

Understand wetland identification

Discuss critical environmental functions of wetlands

Examine the wetlands permitting process

Explore wetland mitigation policy and procedures, including the Indiana Stream and Wetland Mitigation Program

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Floodplain Managers
7.0 ASFPM CECs

Indiana Attorneys
Pending



Faculty

Brianna J. Schroeder
Attorney at Janzen Schroeder Agricultural Law, LLC, in Indianapolis
Ms. Schroeder focuses her legal practice on litigating complex environmental matters, drafting contracts for agribusinesses and family farms, and assisting agricultural clients with regulatory compliance. She has diverse agricultural experience, from defending turkey and dairy farms against nuisance suits to negotiating farm leases and advising farmers on wetlands compliance. Ms. Schroeder has also litigated environmental and agricultural 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.

Rachele Baker
Chief Ecologist, President, and Founder of Little River Consultants
Ms. Baker has 26 years of experience in the environmental field, including six years in state government, and 20 years of consulting. In 2015, she founded Little River Consultants, a natural resources firm serving Indiana and surrounding states. Her areas of expertise include wetland and stream assessment, mitigation design and monitoring, habitat assessment, Clean Water Act permits, stormwater quality, and National Environmental Policy Act. As a consultant, Ms. Baker’s clients have included local, state, and federal government agencies, private developers, and a multitude of engineering firms.

Webinar Information

Log into Webinar 8:00 - 8:30 am EDT	Break 12:15 - 1:15 pm EDT
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Handling Ethical Issues in Engineering Practice
- Tues, May 11, 2021 | 1:00 - 2:00 pm CDT

Water Conservation and Reuse for Building Professionals
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- Fri, May 14, 2021 | 11:00 am - 3:00 pm CDT

The Arborist Short Course: Advanced Tree Knowledge for Better Tree Care
- Fri, May 14, 2021 | 9:00 am - 4:30 pm CDT

Design Principles of the 2018 International Building Code
- Wed, May 19, 2021 | 8:00 am - 3:20 pm CDT

Sustainable Site Design
- Wed, May 19, 2021 | 8:30 am - 3:50 pm CDT

Septic System Design, Construction and Maintenance
- Thurs, May 20, 2021 | 8:30 am - 4:30 pm CDT

Deep Dive into Invasive Landscape Plants
- Thurs, May 20, 2021 | 11:00 am - 12:30 pm CDT

How To Design Stormwater Management Systems for Residential Sites
- Thurs, May 20, 2021 | 11:00 am - 1:00 pm CDT

Deep Dive into Water Infiltration in Soil
- Fri, May 21, 2021 | 11:00 am - 1:00 pm CDT

Managing Construction Projects
- Fri, May 21, 2021 | 8:30 am - 4:30 pm CDT

Open Channel Hydraulics and Design
- Tues, May 25, 2021 | 8:30 am - 4:30 pm CDT

Retaining Wall Design and Slope Stabilization Techniques
- Tues, May 25, 2021 | 8:30 am - 4:30 pm CDT

Stream Restoration for Design Professionals
- Wed, May 26, 2021 | 9:00 am - 4:30 pm CDT

Introduction to HEC-HMS Modeling
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Registration

Indiana Wetlands Law and Compliance
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