

HalfMoon Education Live Continuing Education Webinars

# North Carolina Wetlands Law and Compliance

**Online - Thursday, October 20, 2022 | 9:00 am - 4:00 pm EDT**

**Credits:**

Professional Engineers: 6.0 PDHs

Architects: 6.0 HSW CE Hours      AIA: Pending

Landscape Architects: 6.0 HSW CE Hours      LA CES: 6.0 HSW PDHs

Attorneys: Pending      Floodplain Managers: 6.0 ASFPM CECs

Certified Planners: CM|6

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## Identifying Wetlands and Understanding Their Functions

- Presence of wetland vegetation
- Identification of wetland soils
- Importance of underlying wetland hydrology
- Understanding the importance of wetlands
  - Flood storage and conveyance
  - Pollution control and carbon storage
  - Erosion control
  - Wildlife habitat
  - Recreation

## Wetland Preservation, Restoration, Creation and Enhancement

- Benefits of preserving and increasing amount of wetlands
- 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

## Current Issues with the Clean Water Act

- Waters of the United States
- Groundwater as a conduit
- Sackett vs. EPA*

## Wetlands Delineation/Determination

- Defining wetland delineation/determination
- Policies that make them jurisdictional by regulatory agencies
- Rolling regulations and impacts of the industry
- Hyper efficient wetland delineation processes
- Jurisdictional determinations
- Introduction to nationwide vs. Individual permits

## Wetland Mitigation Banking

- History of mitigation banking under the Clean Water Act
- Who can be a mitigation banker
- Pros/cons of mitigation banking
- Siting mitigation banks
  - IRT and service areas
  - Prospectus
  - MBI
  - Implementation
  - Monitoring and long-term land stewardship
- Financial aspects and valuation of mitigation banks (pro forma)
- Future of mitigation banking and other potential banking opportunities

## Presented by

**Dr. James T. (Jim) Anderson** *Director of the James C. Kennedy Waterfowl and Wetland Center*

**Jesse Richardson** *Lead land use attorney at the Land Use and Sustainable Development Law Clinic at the West Virginia University College of Law*

**Jeremy Schewe, PWS** *Chief Scientific Officer at Ecobot and the owner of Unaka Environmental, LLC*

**Richard K. Mogensen, PWS** *President of Mogensen Mitigation, Inc (MMI)*

## Tuition

- \$319** for individual registration
- \$289** for two or more registrants from the same company at the same time.

**Included with your registration:** PDF seminar manual.

**Learn More and Register:**  
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Customer Service (715) 835-5900 Ext. 1

or scan here



## Credit Information

This webinar is open to the public and is designed to qualify for 6.0 PDHs for professional engineers in North Carolina. HalfMoon Education is an approved continuing education sponsor for engineers in North Carolina (S-0130).

This webinar is designed to qualify for 6.0 HSW CE hours for architects licensed in North Carolina. The North Carolina Board of Architecture and Registered Interior Designers does not preapprove continuing education activities.

The American Institute of Architects Continuing Education System has approved HalfMoon Education as a sponsor of continuing education (Sponsor No. J885). This course has been submitted for AIA CES approval and is currently pending. Only full participation is reportable to the AIA CES.

The Landscape Architecture Continuing Education System has approved this course for 6.0 HSW PDHs. Only full participation is reportable to the LA CES. With this approval, this webinar is considered a Board approved activity by the North Carolina Board of Landscape Architects.

This webinar has been submitted to the North Carolina State Bar Board of Continuing Legal Education for accreditation and is currently pending.

This webinar has been approved by the Association of State Floodplain Managers for 6.0 CECs for floodplain managers.

HalfMoon Education is an approved CM Provider with the American Planning Association. This course is registered for CM | 6 for Certified Planners.

Visit this course listing at [www.halfmoonseminars.org](http://www.halfmoonseminars.org) for updates on pending credits.

Completion certificates will be awarded to participants who complete this event and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

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