

HalfMoon Education Live Continuing Education Webinars

# Federal Wetlands Science, Law and Compliance

**Online - Thursday, June 29, 2023 | 9:00 am - 4:00 pm CDT**

**Credits:**

Professional Engineers: 6.0 PDHs\*

Architects: 6.0 HSW CE Hours      AIA: 6.0 LU|HSW

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

Floodplain Managers: 6.0 ASFPM CECs      Certified Planners: CM|6

Attorneys: 6.0 CLE Hours (60-Min Hours)\*

\*may include 1.0 ethics hour

HalfMoon Education Inc.  
PO Box 278  
Altoona, WI 54720-0278

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## Wetlands Science and Identification

- Defining wetlands
- Evolving understanding of the value of wetlands
- Identifying wetlands
  - Presence of wetland vegetation
  - Identification of wetland soils
  - Importance of underlying wetland hydrology

## Understanding Federal Wetlands Laws and Enforcement

- 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 Preservation, Restoration, Creation and Enhancement

- 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

## Wetlands Law in Practice: Cases and Case Studies

- Cases interpreting federal wetlands law
- Case studies of wetlands destruction and preservation

## Ethics Issues in Wetland Preservation and Development

- Concepts for attorneys
- Requirements for consultants

### Presented by

#### Katie Morgan, EP, PWS

*Director of Natural and Cultural Resources, Partner Engineering and Science, Inc., in New Orleans*

**Brianna J. Schroeder** *Attorney, Janzen Schroeder Agricultural Law, LLC, in Indianapolis*

**Anthony Zemba, CHMM** *Senior Environmental Analyst, Land-Tech Consultants Inc., in Westport, CT*

#### Austin T. Scarborough

*Associate, Harris Beach PLLC, in Albany, NY*

#### Bill Sapp

*Senior Attorney, Southern Environmental Law Center, in Atlanta*

### 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.

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## Credit Information

This webinar is open to the public and is designed to qualify for 6.0 PDHs for professional engineers\*, 6.0 HSW continuing education hours for licensed architects, and 6.0 HSW continuing education hours for landscape architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 6.0 HSW LUs (Sponsor No. J885). 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.

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

HalfMoon Education in an approved MCLE Multiple Activity Provider for California attorneys (No. 8370); this webinar is designed to qualify for 6.0 CLE hours to California attorneys. HalfMoon Education is an approved CLE provider for Pennsylvania attorneys (No. 1613); this webinar offers 6.0 CLE hours to Pennsylvania attorneys. HalfMoon Education is an approved CLE provider for Texas attorneys (No. 8306); this webinar offers 6.0 CLE hours to Texas attorneys. This approval qualifies the webinar for Connecticut attorneys. HalfMoon Education is an approved CLE provider for Vermont attorneys. This webinar is designed to offer 6.0 CLE credits to attorneys in Arizona and New Hampshire where CLE providers and courses are not subject to preapproval.\*

HalfMoon Education is certified by the New York State CLE Board as an Accredited Provider of CLE programs (#1183). This nontraditional course offers 6.0 Areas of Professional Practice CLE hours, which are appropriate for experienced attorneys. HalfMoon Education will provide financial hardship assistance to New York attorneys who wish to attend this event. Contact Frank Chapman at fchapman@halfmoonseminars.org for details and requests.

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).

\*Attorney and engineer credits may include 1.0 ethics hour.

### On-Demand Credits

The preceding credit information only applies to the live presentation. This course in an on-demand format may not be eligible for the same credits as the live presentation; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request:

6.0 HSW LUs (AIA) | 6.0 HSW PDHs (LA CES) | 6.0 ASFPM CECs