

HalfMoon Education Live Continuing Education Webinars

Wetland Restoration

Online - Friday, July 7, 2023 | 8:30 am - 4:00 pm CDT

Credits:

Professional Engineers: 6.5 PDHs

Architects: 6.5 HSW CE Hours AIA: 6.5 LU|HSW

Landscape Architects: 6.5 HSW CE Hours

LA CES: 6.5 HSW PDHs

Floodplain Managers: 6.5 ASFPM CECs

Certified Planners: CM|6.5

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AIA
Continuing
Education
Provider



Wetlands Science

- Defining wetlands and identifying different types
 - Wetland soils and vegetation
 - Wetland hydrology
- Environmental services provided by wetlands

Wetlands History in the United States: Systematic Destruction and Degradation

- The historic view of wetlands: wastelands
- Wetland elimination in service of agriculture and development
- Turning the corner: the Clean Water Act of 1972
- National Food Security Act of 1985
- State wetlands initiatives

Purposes and Benefits of Wetland Restoration

- What it means to restore a wetland
- Restoration versus conservation or management
- Goals of wetland restorations
- Assessing viability of goals and beginning a restoration plan

Planning a Wetland Restoration

- Complying with federal, state, and local regulations
- Obtaining permits
- Getting assistance from government agencies and non-government groups
- Developing a site plan

Implementing a Restoration Plan

- Creating a timetable Design bid vs. design build
- Finding the right contractor
- Considering vegetation and wildlife
- Monitoring and maintenance plans

Wading in: Wetland Restoration Case Studies

- Discussing case studies of restored wetlands for lessons learned
- Reviewing case studies of degraded wetlands (provided by students)
- Evaluating restoration potential

Presented by

Dr. Michael Liptak *Senior Ecologist at EnviroScience, Inc*
Dr. Liptak specializes in wetland ecology, wetland restoration, and mitigation wetland design. Dr. Liptak earned a B.S. degree in Biology at the University of Toledo and a Ph.D. degree in Environmental Science at The Ohio State University under the noted wetland ecologist Dr. William Mitsch. He has over 25 years of experience in wetlands research and consulting and is a Certified Senior Ecologist (Ecological Society of America). His primary responsibilities at EnviroScience Inc. include wetland mitigation planning, wetland assessments and delineations, technical report preparation, and permitting. Dr. Liptak is a member of the Society of Wetlands Scientists and the Ecological Society of America, and regularly gives seminars on wetland issues and regulations.

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.

Can't Attend? Order the Webinar as an On-Demand Package!

Recordings of this webinar are available for purchase. See details online for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

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.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP0000700) 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 6.5 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 6.5 HSW PDHs. Only full participation is reportable to the LA CES.

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

This webinar has been approved by the Association of State Floodplain Managers for 6.5 CECs for floodplain managers.

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).

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:

6.5 LUIHSW (AIA) | 6.5 HSW PDHs (LA CES) | 6.5 ASFPM CECs

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