

# Agenda

<b>Identifying Wetlands</b> Presence of wetland vegetation Identification of wetland soils Importance of underlying wetland hydrology	<i>W. Wilson</i>
<b>Wetlands Permitting Process with the US Army Corps of Engineers</b> Wetlands determinations and delineations Determining applicability of regulations Wetland permitting and certification processes <ul style="list-style-type: none"><li>• Notice provisions</li><li>• Review process</li><li>• Mitigation/compensation requirements</li></ul> Appeals process	<i>H. Guidry</i>
<b>Wetland Preservation, Restoration, Creation and Enhancement</b> Understanding the importance of wetlands Carbon Carbon Credits Voluntary carbon markets Challenges and opportunities specific to Louisiana	<i>T. Carruthers</i>
<b>Ethics Issues in Wetland Preservation and Development</b> 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	<i>B. Sapp</i>
<b>Focus on Wetlands Mitigation Process</b> Avoidance, minimization, and mitigation Mitigation banks and in lieu fee programs Advantages of preliminary jurisdictional determinations	<i>B. Sapp</i>

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## Louisiana Wetlands Law and Compliance

Live, Interactive Webinar - Monday, September 18, 2023

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EAU CLAIRE, WI  
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HalfMoon Education Inc.  
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Altoona, WI 54720-0278



## Learning Objectives

- You'll be able to:**
- Understand** how soils and plants are used to identify wetlands.
  - Explore** the wetlands permitting process with the US Army Corps of Engineers.
  - Find** alternatives to wetland destruction.
  - Include** wetlands preservation in development plans.
  - Understand** the benefits of ecological services provided by wetlands, including flood and carbon storage.
  - Learn** about wetland mitigation banking and in lieu fee programs.



### HalfMoon Education Live Webinars

# Louisiana Wetlands Law and Compliance

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- Learn** the characteristics that identify wetlands
- Explore** the US Army Corps wetland permitting process
- Recognize** and resolve ethical issues that arise in wetland preservation and development
- Learn** the benefits of preserving and restoring wetlands
- Participate** in wetlands mitigation projects

### Continuing Education Credits

<b>Professional Engineers</b> 7.0 PDHs	<b>Floodplain Managers</b> 7.0 ASFPD CECs
<b>Architects</b> 7.0 HSW CE Hours AIA Pending	<b>Certified Planners</b> CM 7
<b>Landscape Architects</b> 7.0 HSW CE Hours 7.0 LA CES PDHs	<b>Attorneys</b> 7.0 CLE Hours, Including 1.0 Ethics Hour



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# Webinar Information

<b>Log into Webinar</b> 8:00 - 8:30 am CDT	<b>Break</b> 11:45 am - 12:45 pm CDT
<b>Morning Session</b> 8:30 - 11:45 am CDT	<b>Afternoon Session</b> 12:45 - 5:00 pm CDT

**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.***

# Faculty

**Walker Wilson** *Coastal Environments, Incorporated*  
Mr. Wilson is a senior wildlife biologist/wetland ecologist with Coastal Environments, Inc., (CEI) in Baton Rouge, Louisiana. He has over 21 years of professional experience investigating the ecology of a wide variety of flora and fauna in the southeastern United States with experience in the areas of environmental compliance and biological investigations, primarily wildlife biology, ecology, botany, wetlands, and biological assessments. Additionally, he has been accepted by the court as an expert in the fields of biology, ecology and wetland delineation. Mr. Wilson's project responsibilities and experience at CEI include remote sensing and image interpretation; jurisdictional wetland delineations and determinations; site assessments; oil spill assessment monitoring; environmental surveys/inspection/monitoring for pipelines; litigation support; wetland and wildlife management plans; habitat mapping; mitigation bank establishment and monitoring; water collection, soil and tissue samples for lab analysis; and surveys for protected species, migratory birds, wading bird rookeries, herpetofauna, mammals, mussels, and vegetation. Mr. Wilson's projects have ranged from multi-state projects to small, site-specific areas. He has performed field surveys across the southeastern United States and trained and managed biological teams to complete complex jobs. His project experience has given Mr. Wilson insight into research methodology and ecology in the southeast.

**Hunter Guidry** *Coastal Environments, Incorporated*  
Mr. Guidry has 25 years of experience as an environmental scientist, 20 years of which he served as a project manager in multi-discipline environmental settings. He is currently the director for the Applied Science and Planning Division at Coastal Environments, Inc., working on project development and also client liaison, field lead on vegetative monitoring projects, and director of all environmental programing. Mr. Guidry has training and expertise in conducting environmental site assessments – Phase I, Endangered Species Assessments, and wetland delineations following US Army Corps of Engineers criteria. He assists business, industry, private clients, and government entities in preparing permit applications and coordinating with regulatory agencies to assist in securing Section 404, 10, and 408 permits for commercial and residential development projects, energy and petroleum transmission line projects, legacy lawsuit ecological assessments, state roadway projects, and government funded wetland assessment projects as well as coastal restoration projects for state and federal agencies.

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**Cancellations:** Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

**Bill Sapp** *Senior Attorney at Southern Environmental Law Center (SELC) in Atlanta*  
Bill Sapp focuses on protecting the swamps, tidal creeks, and salt marshes of the Georgia and Alabama coasts and leads SELC’s Georgia Coastal Initiative. He received his law degree from Harvard Law School and his Master of Law degree in Environmental Law from George Washington Law School (with highest honors). Before joining SELC, he served as an assistant regulatory attorney with the Chief Counsel's office of the Army Corps in DC, clerked for Judge Edenfield in federal district court in Savannah, was an associate at Alston & Bird in Atlanta, and served as the lead wetlands attorney for Region 4 of the Environmental Protection Agency.

**Tim Carruthers** *Managing Partner, Theodora Oringer*  
Dr. Tim Carruthers is the Director of Coastal Ecology at the Water Institute of the Gulf. He has a strong international reputation from more than 20 years working in coastal ecology, focusing on human impacts and management. His work has focused on assessing and leveraging ecosystem conditions to enhance adaptation to coastal change. He brings specific experience in developing ecosystem health indicators and solving problems by focusing on systems analysis. Before joining The Water Institute of the Gulf, Dr. Carruthers worked for the Secretariat of the Pacific Regional Environment Programme as the coastal and marine advisor, based in Samoa, providing marine management support to 21 Pacific Island countries and territories. A large component of this work was developing and implementing approaches for preservation or restoration of natural ecosystems to increase resilience of vulnerable coastal communities. Dr. Carruthers has developed approaches to ecosystem condition assessment and global syntheses of seagrass trends and processes. Synthesizing knowledge for communication to broad audiences, including coastal citizens, policy-makers and scientific colleagues has been an ongoing focus throughout his career. Dr. Carruthers is leading the Coastal Ecology Program in projects supporting integration of physical and ecosystem models, assessing and quantifying ecosystem function of submerged and emergent coastal habitats, and linking ecosystem functions to community needs and uses of ecosystem services.

# Credit Information

This webinar is open to the public and is designed to qualify for 7.0 PDHs for professional engineers, 7.0 HSW continuing education hours for licensed architects, and 7.0 HSW continuing education hours for landscape architects in Louisiana. Professionals seeking continuing education credits in other states may be able to claim the hours earned at this webinar; please refer to specific board rules to determine eligibility.

The Louisiana State Bar Association has approved this webinar for 7.0 CLE hours, including 1.0 ethics hour (live format only, not eligible for on-demand).

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 7.0 HSW PDHs. Only full participation is reportable to the LA CES.

This webinar has been approved by the Association of State Floodplain Managers for 7.0 CECs for floodplain managers.

HalfMoon Education is an approved CM Provider with the American Planning Association. This course is registered for CM | 7 for Certified Planners.

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