



# FLEERA

FLORIDA LOCAL ENVIRONMENTAL  
RESOURCE AGENCIES

## WETLANDS WORKSHOP FALL 2024

Jay B. Starkey Wilderness Park  
10500 Wilderness Park Blvd  
New Port Richey, Pasco County

**SWS  
Approved  
for  
.50 credit  
hours**

# WORKSHOP & LEARNING OBJECTIVES

## **The workshop will consist of two sessions:**

Session 1 will be the field component addressing botany, hydric soils and hydrology indicators. Here wetland professionals will focus on Biological Sciences and Physical Sciences. The wetland botany portion will include, but is not limited to, distinguishing different grass species, common misidentified species and will include taxonomy guides for handouts.

The wetland soils portion will discuss the soils in the region and the hydric indicators. The wetland hydrology portion will focus on 62-340.500 F.A.C, by locating and discussing hydrologic indicators in wetlands. In addition, the students will learn typical wetland creation and restoration techniques necessary for maintaining hydrology in wetlands.

Session 2 will be the classroom component and will focus on applied wetland regulatory management including wetland permitting and creation. Additional topics include perpetual wetland protection through mitigation banking, living shorelines and technology for implementing wetland fieldwork efficiencies. Topics will include different rule implementations and techniques through creative collaborative wetland project discussions.

## **Recommended Items for the Field Exercise**

- Sunscreen
- Insect Repellent
- Drinking Water (coolers will be available)
- Munsell Soil Charts
- Hand Lens
- Clipboard with paper and pens for notetaking

## **Inclement Weather Plan**

If there is inclement weather forecasted for the morning field exercise the instructors will contact the registered participants and the field instruction will be moved inside to the classroom at the park.

## **Assessment of Learning Outcomes**

There will be two quizzes, one to cover the content of the field instruction and one to cover the material from the classroom portion of the workshop. Students are free to use all the resources available except discussing with your classmates.

## **Requirements for Satisfactory Completion**

Attendance is required for the entirety of the workshop. Students must attend both the field and classroom sessions to have satisfactory completion of the workshop. Students will be expected to have active participation during both the field and classroom portion of the workshop, which includes asking questions and taking notes. There will be two quizzes and students must make a 70% or above on both quizzes for satisfactory completion of the workshop.



# AGENDA

## **WEDNESDAY NOVEMBER 13**

8:00 AM

**Overview of State's Wetland Delineation Rule and Documenting Wetland Field Work (62-340 Data Form)**

8:30 AM

**Hydric Soil & Hydric Soil Indicators Identification**

9:30 AM

**Wetland Vegetation Identification**

10:30 AM

**Wetland Hydrology Indicators & Overview of Jay B. Starkey Wilderness Park**

11:30 AM

**Field Documentation Completion Methodology (Finalizing 62-340 Data Form)**

12:00 PM

**Lunch**

*(included in registration)*

### **Wetlands Class Lectures**

1:00 PM

**Mitigation Banking**

*This lecture will cover the nuts and bolts of Mitigation Banking and discuss the challenges and approaches to achieving success and resiliency*

2:00 PM

**Living Shorelines, Permitting Challenges and Lessons Learned**

*This lecture will cover living shoreline development project options coupled with permitting challenges and lessons learned with specific case study examples*

3:00 PM

**Creating Wetlands & Measuring for Success**

*This lecture will cover the complexities of creating wetlands and measurement techniques for monitoring the wetland ecosystem health*

4:00 PM

**Utilization of Current Technology for Wetlands Projects**

*This lecture will cover different technological advancements that can be utilized for wetland efficiencies from everything from desk work to field work and beyond*

5:00 PM

**Final Remarks, Quiz & Course Evaluations**