

# Mobile Bay National Estuary Program & AU Water Resources Center Stream Restoration Technology Workshop

December 3, 2024

Location: Spanish Fort Community Center 7361 Spanish Fort Blvd, Spanish Fort, AL 36527

## Objectives

- Capacity building and sharing novel stream restoration strategies.
- Better understand the evolving field of stream restoration/natural channel design/regenerative stormwater conveyance practices.
- Openly learn about and discuss emerging challenges.

Time	Tuesday, December 3rd - Activities
8:00am	<b>Welcome and Introductions:</b>
8:30am	Shifting Paradigms: Overview of Coastal Alabama Stream Restorations ( <i>Jason Kudulis, MBNEP</i> )
9:00am	Impressions from a Decade of Observations ( <i>Wade Burcham, 5020 Engineering</i> )
9:30am	From Design to Habitat: Streamlined Technologies and Techniques in Natural Channel/Wetland Construction ( <i>Travis Hughes, Goodwyn Mills Cawood</i> )
10:00am	<b>BREAK</b>
10:15am	Enhancing Stream Restoration Success: Reducing Flood Risks with Hydraulic and Hydrologic Modeling ( <i>John Curry, Hydro-Engineering Solutions</i> )
10:45am	Site Stabilization and the Benefits of Using Native Vegetation ( <i>Nick Combs, Thompson Engineering</i> )
11:15am	Emerging Design Techniques: Vegetated Riprap ( <i>Annelise Dodd, Volkert Inc.</i> )
11:45am	Roots Exposed! Rapid Assessment of Erosion Rates Using Root Dendrogeomorphology ( <i>Ian Jewell, Freese &amp; Nichols</i> )
12:15pm	<b>Catered Lunch</b>
1:15pm	Stream Restoration Regulatory Opportunities and Challenges: NWP 27 and Other Avenues. ( <i>Paige Felts, Volkert Inc.</i> )
2:00pm	<b>Site Visit:</b> Pine Run Stream Restoration – 8539 Pine Run Daphne, AL 36527
4:30pm	<b>Return to Meeting Location/Adjourn</b>



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