

Update: Development of Regional Living Shorelines Construction Technical Bulletins for Contractors

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Weeks Bay NERR/ADNCR

Project Partners

- Grand Bay NERR (Larissa Graham)
- ADCNR (Carl Ferraro)
- MS-DMR (George Ramseur)
- Gulf of Mexico Foundation (Mike Smith)
- University of South Alabama (Brett Webb)
- Mobile Bay NEP (Tom Herder)
- Dauphin Island Sea Lab (Just Cebrian and Shailesh Sharma)
- Southern Environmental Law Center (Bill Sapp)
- Baldwin County Soil and Water Conservation District (Rhonda Bryars)

Project Basics

- **Project Location:** Mississippi, Alabama and vicinity
- **Gulf of Mexico Alliance Action Plan II Goal:**
 - Provide improved conservation and restoration management tools through the application science and emerging technology
- **GOMA APII Objectives:**
 - **Alliance Action:** Identify and resolve specific scientific and technical issues so that conservation and restoration of Gulf habitats are more successful.
 - **Action Steps:** Provide scientific and technical solutions to improve on-the-ground restoration results.

Goals and Objectives

- Provide technical information on living shorelines construction to local contractors.
- Bulletins will serve as a template for a broader application in other parts of the Gulf of Mexico region.
 - Develop a series of technical bulletins on living shorelines for contractors to support decision making at project locations.

Goals and Objectives

- Provide training to contractors and partners that will serve as “trainers” based on the technical bulletins.
 - At least six (6) half-day training workshops for contractors.
 - At least two (2) “train the trainer” workshops to partners that will help propagate technical knowledge and skills to contractors beyond the grant period.

Progress Update

- Series of meetings to discuss project
 - January, February, May
- Contracted with DISL student, Shailesh Sharma
 - Synthesis of existing project data, seeking additional project information

Progress Update

- Designing Bulletins
 - Casting current projects as case studies
 - Techniques used and why
 - Maintenance
 - Monitoring
 - Possible affect of SLR
 - Goals of project or property owner: outcomes other than erosion abatement

Progress Update

- Designing Bulletins
 - Contractors to review bulletin content
 - Surveying contractors
 - Matrix or decision-tree
 - Goals of property owner
 - Living Resource for the location

Adaptive Management

- From May 29 LS Symposium, use audience feedback to:
 - Discover information about the goals of property owners for the protection of their shoreline using living shoreline methods and the needs (methods and training) of contractors/installers to meet the goals of property-owner customers, and
 - Incorporate that information into technical bulletins for appropriate use (based on the best available science and monitoring) of living shorelines techniques by contractors/installers to meet the identified goals of property-owner customer.

Next Steps

- Creating Case Studies
- See how to dovetail bulletins to new homeowner guidebooks

Questions?