Living Shorelines

Training Successes and Lessons Learned Breakout:

A National Snapshot

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Living Shorelines: A Rapidly-Moving Field

- Coastal Restoration accelerates in the early '60s
- 1972 WA Shoreline MGMT Act
- Modern LS concept
- One of the first LS funded in MD
- Early Hybrid LS Designs
- Accelerated dispersal of info & resources
- LS term coined in MD
- NC HB1028
- 2008 MD Living Shorelines Act
- H.R. 4525 - 2017
- S. 3087 - 2018
- S. 1730 - 2019
- 2013 NJ Coastal General Permit 29
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- 2020
• What are Living Shorelines?
• What are the benefits to the approach?
• What are the different types of living shorelines?
• How do you design a living shoreline?
• How much do they cost?
• When and where can they be appropriately implemented?
• What is the period of performance?
• How do they perform compared to hard infrastructure?
• How do I permit a living shoreline?
• What are the limitations to the approach?
Atlantic & Gulf Living Shorelines Project

1. State-level Policy Analysis
2. Application of the NWP 54
3. National Assessment of Service Provider Trainings
4. Training Course Module
What is being delivered?

- Workshops
- Conference Sessions
- Trainings
- Webinars
- Guidance Documents
- Certifications
- Programs
- Working Groups
Who are the Target Audiences?

- Marine Contractors
- Practitioners
- Engineers
- Developers
- Private Landowners
- Realtors
- Policy-makers
- Regulators
- General Public
State of Activity

- Living shoreline engagement and outreach activity in every coastal state
- Few national-scale outreach efforts
- Majority of trainings target multiple audiences
- Majority of trainings focus on introducing living shorelines in concept or practice
- Majority of outreach and engagement activities are short-term
State of Activity

- A small subset of trainings focus solely on marine contractors
- Private landowners are typically harder to reach
- Private landowners attend in smaller numbers as the target geography of the training increases
- A conducive regulatory/permitting environment does not necessarily correlate to greater numbers of experienced contractors
- A conducive regulator environment does not necessarily correlate to greater public demand
Questions for Consideration

● Are we where we need to be in terms of the reach and desired impact of living shoreline trainings?
● With all the outreach and education focused on living shorelines, why is the application of these approaches still limited in certain geographies?
● What factors are limiting the reach of living shoreline trainings across target audiences?
Questions for Consideration

What are the primary challenges limiting the effectiveness of living shoreline trainings?
Thank You

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