

Scaling Up Nature-based Solutions (SUNS) Working Group Session 8

March 10, 2022

9:30 am CT – 11:30 am CT

OBJECTIVES

- Understand the potential applications and benefits of nature-based shoreline protection techniques.
- Learn to use the SUNS Map App to identify potential sites for living shorelines, hybrid living shorelines, beach & dune restoration, or coastal wetlands.
- Site potential projects that utilize these techniques throughout the three counties and share ideas with Working Group

ATTENDEES

Chris Shepard, Anna Jane Jones, Kiera O'Donnell, Darryl Boudreau, Bob Bendick, Jeff DeQuattro, John Hendry, Dannie Boyle, Anita Grove, Shelley Alexander, Jon Brucker, Ed Cook, Josh Street, Janet Bowman, Patrice Harper, Jeff Beal, Rick Harter, Jessica Bibza, Rick Durbrow, Kim Wren, Becca Hatchell, Melody Ray-Culp, Josh Adams, Luke Powell, Tori Johnson, Katie Konchar, Chris Verlinde, Andy Kane, John Ward, Mary Beth Barnett, Rebecca Prado

AGENDA

WELCOME & INTRODUCTIONS (15 min)

- Icebreaker Activity

SUNS PROGRESS UPDATE and MAP DEMONSTRATION (15 min)

SHORELINE PROTECTION (60 min)

- Beaches & Dunes (30 minutes total)
 - Beaches & Dunes: Why, Where, & How?
 - Demonstration Beaches & Dunes: How to use the App to identify potential project sites
 - Individual work time: work to identify projects and add them to the Map App
- Living Shorelines: Traditional and Hybrid (30 minutes total)
 - Living Shorelines: Why, Where, & How?
 - Demonstration Living Shoreline: How to use the App to identify potential project sites
 - Individual work time: work to identify projects and add them to the Map App

SMALL GROUP SHARE (20 min)

- Breakout groups to share project ideas and consider regional linkages

CLOSING & NEXT-STEPS (5 min)

NOTES

WELCOME & INTRODUCTIONS (15 min)

- Icebreaker Activity

SUNS PROGRESS UPDATE and MAP DEMONSTRATION (15 min)

SHORELINE PROTECTION (60 min)

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Shoreline Suitability	Categories	Classification
Low – not suitable	High energy & far from current marsh	Fetch > 5 miles *or* Boating channel < 100m *and* Existing marsh > 100m
Medium – Hybrid solutions with oysters	Medium energy & close to current oyster reefs	Fetch < 5 miles & > 1 mile *or* Boating channel > 100m *and* Existing oysters < 10,000m
Medium – Hybrid solutions	Medium energy & close to current marsh	Fetch < 5 miles & > 1 miles *or* Boating channel > 100m *and* Existing marsh < 100m
High – Vegetated or natural solutions	Low energy & close to current marsh	Fetch < 1 miles *or* Boating channel > 200m *and* Existing marsh < 100m

- Questions/Comments
 - How do we add existing projects? Follow up with Anna Jane at annajane.jones@tnc.org to have existing projects added to the Map App
 - Clarifying question: if an area is not close to existing marsh, it is considered not suitable for living shorelines? Correct.
 - Comment: would be helpful to have information about how each layer was created available in the app itself

GROUP SHARE (20 min)

- Breakout groups to share project ideas and consider regional linkages
- *Sharing project ideas across 3 counties: see Map App for details*
 - *Josh Adams: added area where living shorelines are not appropriate – Carrabelle Beach – Franklin 98 project pushback. Not suitable for projects. Mapped on Map App*
- *Upcoming NOAA RFP – Money from IIAJ. Darryl Boudreau has been in touch with NOAA folks, and Jessica Graham and Darryl have been working to put together a portfolio of potential projects for the NOAA funding. RFP set to release sometime in the spring, and turnaround will be 4 weeks from release*

CLOSING & NEXT-STEPS (5 min)

- We will close editing by **March 25**. Add projects related to any of the first three workshops!
- If you do not have time to add your projects to the map before then, or have trouble adding projects, email Anna Jane (annajane.jones@tnc.org)
- Schedule individual follow up with Anna Jane and the team as needed
- Next Workshop is **April 14th** on the Regional Recreation Economy!