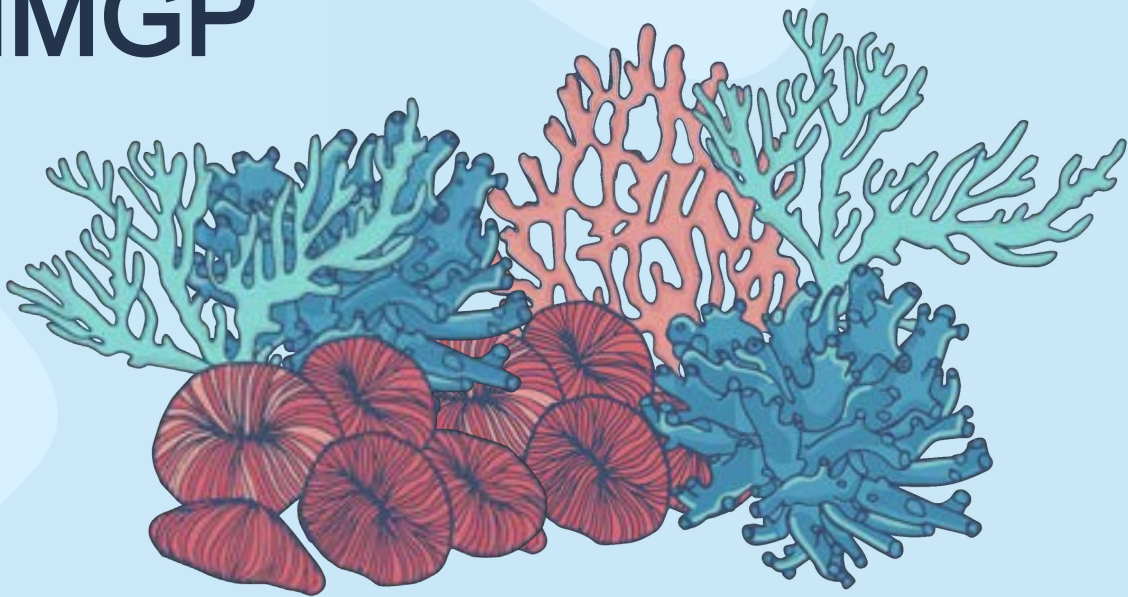


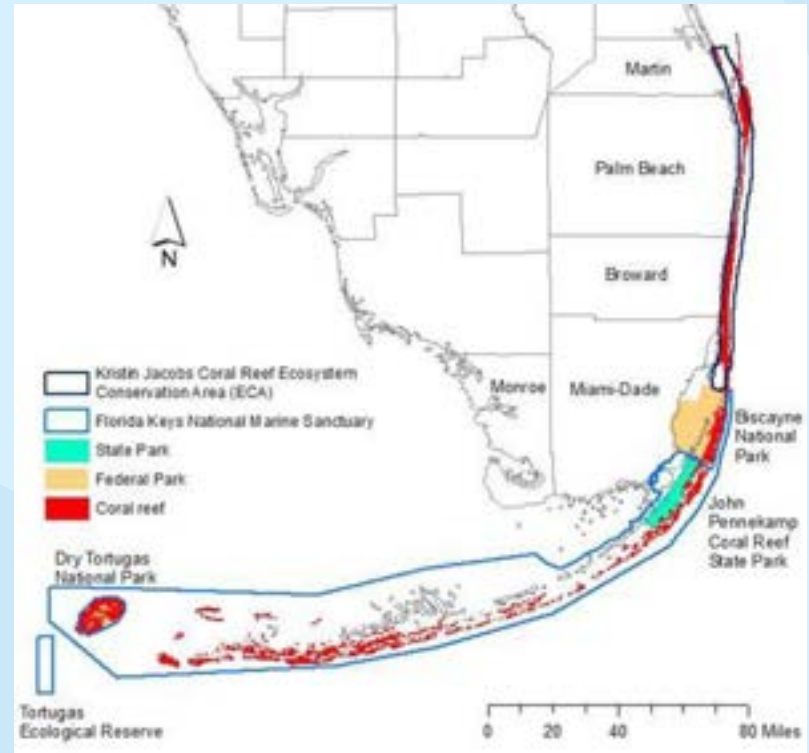
Coral Convergence: A Unified Approach to Shoreline Protection in Florida's HMGP

Greg Garis
Rachel Rhode
Stephanie Verhulst



Coral Reefs in Florida

Ecologically and economically vital to south Florida



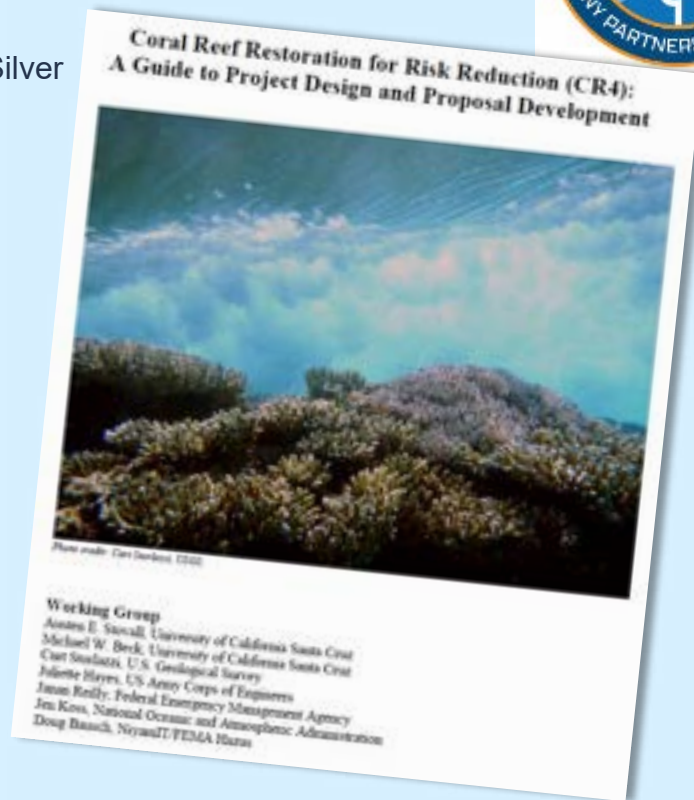
NRLI Practicum for Project Advancement

Corals in Hazard Mitigation Grant Funding Florida Silver Jackets project – October 2023 - March 2025



Project Goals:

1. Develop guidance documents for municipalities of best practices, strategies, and pitfalls to avoid when including reefs in the grant application process.
 - Establish consistent language and terminology for coral and hybrid reef materials
2. Community outreach incorporating coral's role in coastal protection.

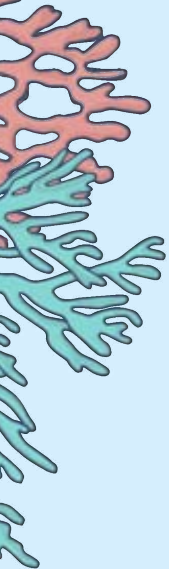


Need for NRLI Practicum

Project benefits from NRLI Practicum:

1. Partner engagement to develop framework of project deliverables
2. Provide in-person working environment to reengage team and strengthen team relationships.
3. Diverse partner team with individual strengths and knowledge set





Coral Partners

FL Dept. of Env. Protection	FL Office of Resilience	U.S. Army Corps of Engineers	FL Div. of Emergency Mgmt.
Federal Emergency Mgmt. Agency (FEMA)	Miami -Dade Div. of Env. Resource Mgmt. (DERM)	National Oceanic and Atmospheric Admin. (NOAA)	Martin County
U.S. Environmental Protection Agency (EPA)	University of Miami	Friends of Our Coral Reefs	U.S. Geologic Survey

Initial partner team

- 12 partner agencies/non profits/academics
- ~15 partner individuals

Expanding team since October 2023:

- 4 new partner entities joining team
- Number of individuals involved doubled

Practicum/Workshop Planning

Silver Jackets: Corals in HMGP April Workshop: Miami Florida

Meeting Agenda

Tuesday April 2, 2014
10:00am-2:00pm

Workshop Location: 103 Seminar Room, Science Laboratory and Administration Building (SLAB)
Rosenstiel School of Marine, Atmospheric, and Earth Science, University of Miami,
4600 Rickenbacker Causeway, Miami, FL 33149

Campus map:

https://www.rsmas.miami.edu/_assets/pdf/about-us/campus-map-rsmas-miami-final.pdf

Meeting purpose:

- (1) Gather information
- (2) Identify project end product(s)
- (3) Identify topics and priorities for end product(s)

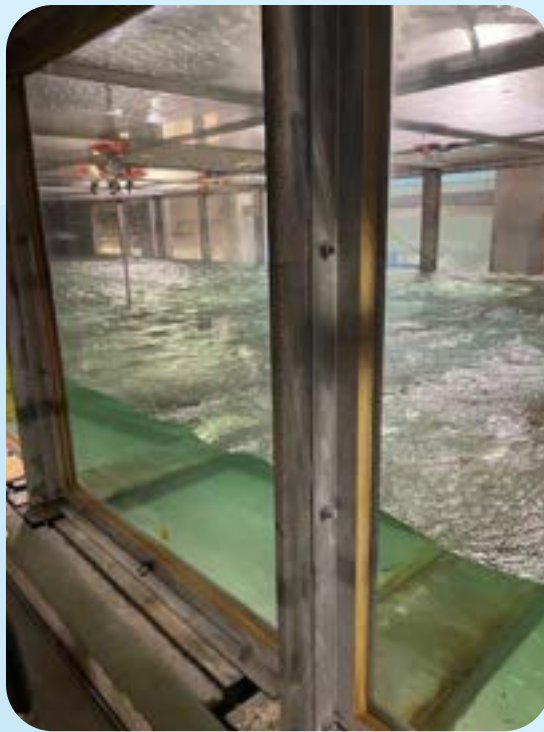
Topics

Time and Person Responsible	Agenda Topic, Outcomes, and Activities	Set up and materials
10am 12 noon	Topic 1: Welcome and Introductions Outcomes: Establish commonality and relationship building Activities: <i>Stephane</i> opening workshop - Stephane introduces self and other USACE staff - Greg and Rachel intro self - Attendee intros (30 seconds) - Name, org, why here - Give 1-2 minutes for individual to write their 1-2 sentence statement. - Stephane sets clear boundaries of meeting purpose (THIS PROJECT) - Rachel - meeting objectives and parking lot opportunity - Werner - agenda review	Set up and materials Agenda <i>Need to bring snacks, drinks and beverages</i> Send out note to encourage own beverages Greg to bring cooler
10:12 1:12 noon	Topic 2: Incorporating the science into shoreline protection and current gaps science can fill	



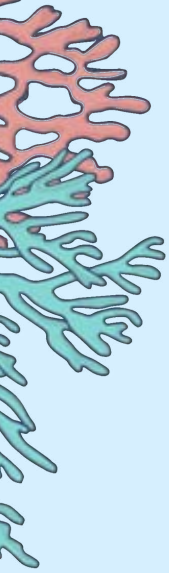
- Existing project within Silver Jackets
- Process Agenda
- Project Goals
- NRLI tactics
- Field trip!





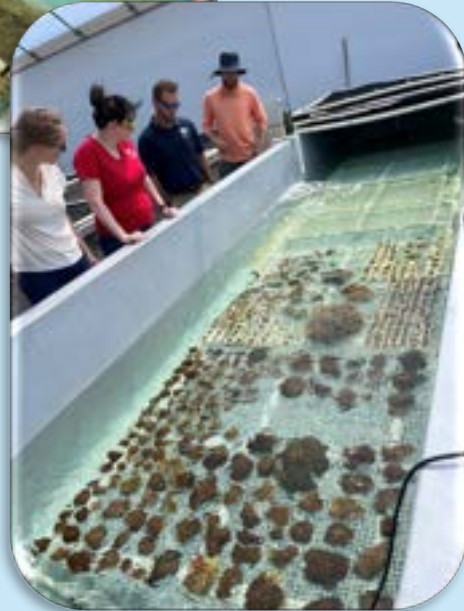
Field Trip





Practicum Outcomes

- Development of a “roadmap” of where the project will be headed.
- Identified several key issues that need to be addressed during the project.
- Engaged participants through conveying the need for the project.



Lessons Learned

In Person

Field Trip

Ease into
Interactive
Exercises

Process
Agenda

Time Constraints



Next Steps in Coral Project Development



Building from three major themes addressed during workshop

* Follow-up virtual meetings with partner team each month to build on framework outlined in workshop

Incorporating Practicum Experience in Future Work Opportunities:

- Benefits of Process Agenda– value beyond extensive workshop events
- Tools and skills to empower successful execution of group events
- Importance of team facilitators

Thanks!

