Baird.



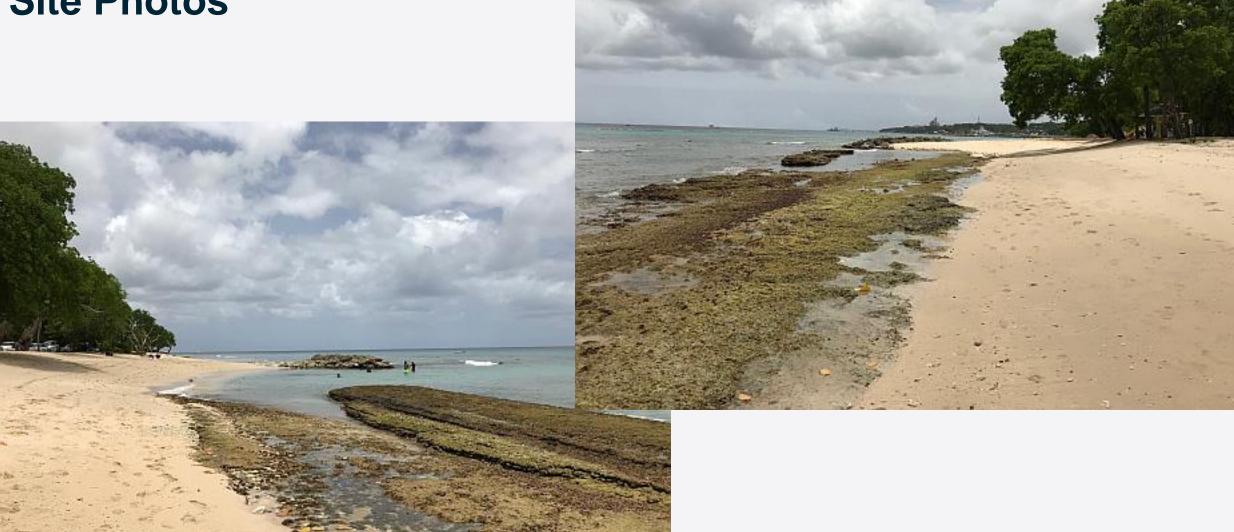
Kevin MacIntosh

August 4, 2018





Site Photos





Project Objectives

1. Protect & Enhance Marine Habitat

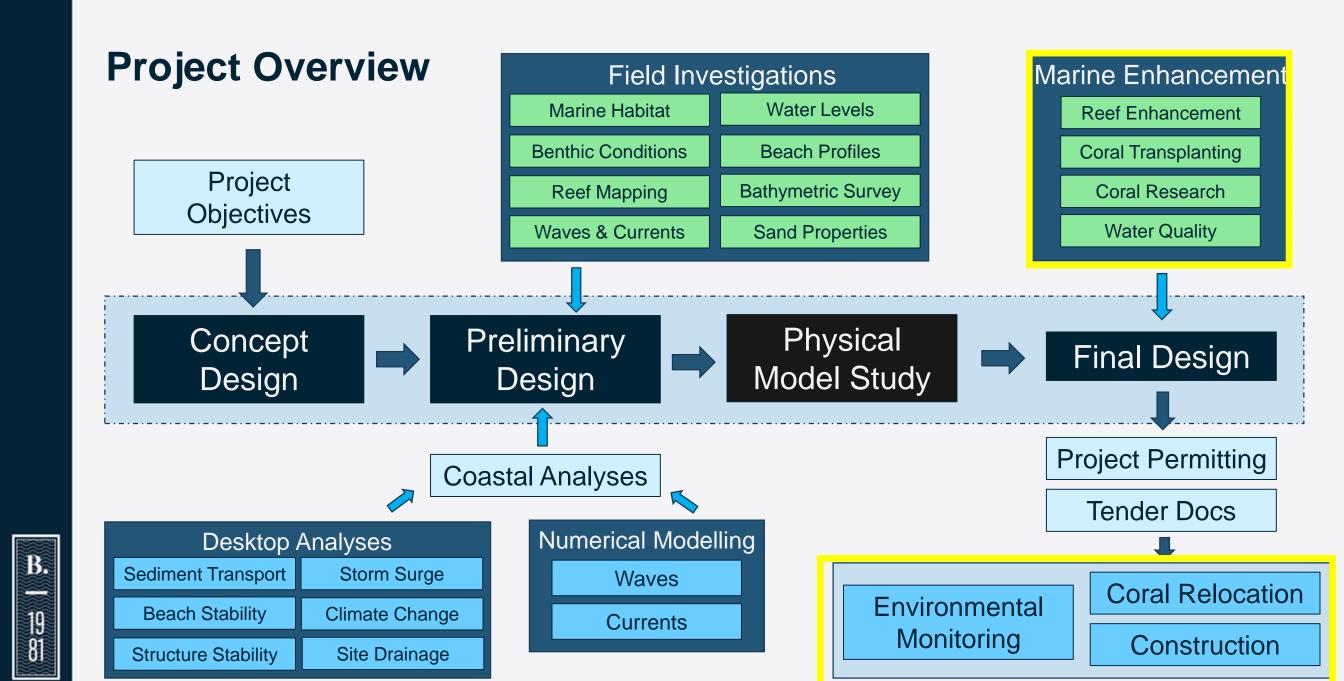


2. Improve Site Drainage

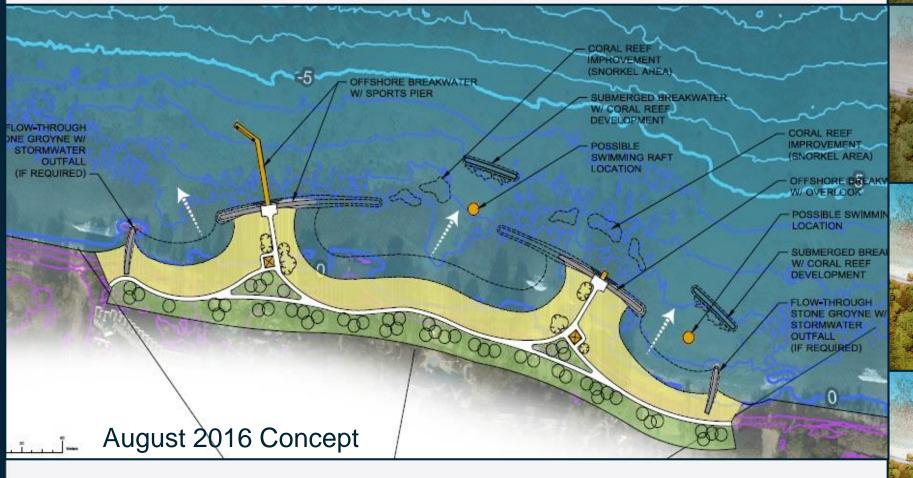


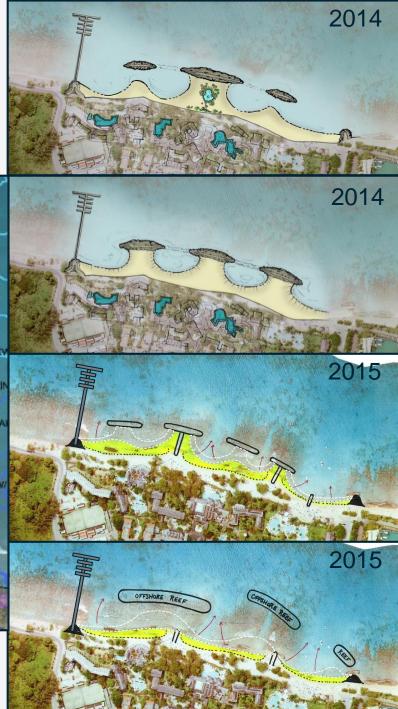






Concept Development: 2015-2016







"Beaches" Barbados





Field Investigations: Marine Ecology



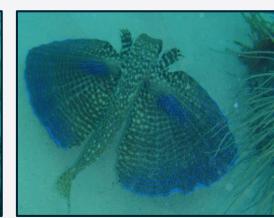


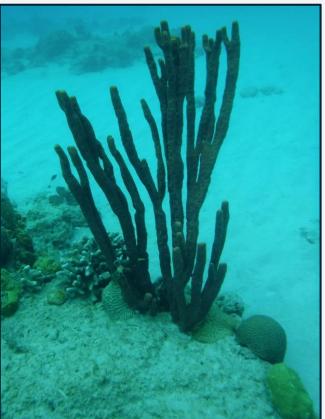












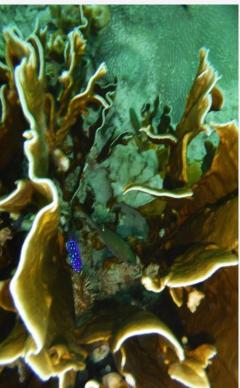


Significant fish nursery habitat











Diverse marine environment









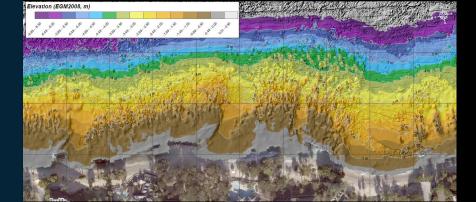


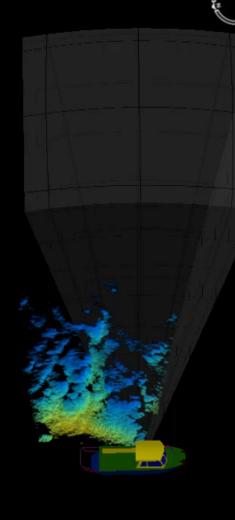




Field Investigations: Bathymetry Elevation (EGM2008, m)









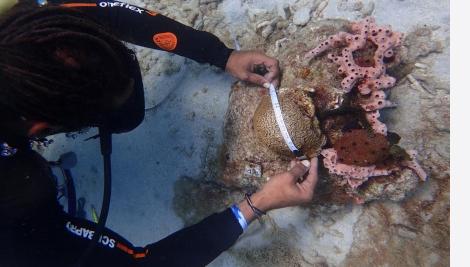




Coral Transplantation











Coral Transplantation

114 corals successfully translocated





3 Year Environmental Monitoring Program

• Turbidity, Waves, Water Quality, Beach Profiles, Coral health.









Environmental Monitoring

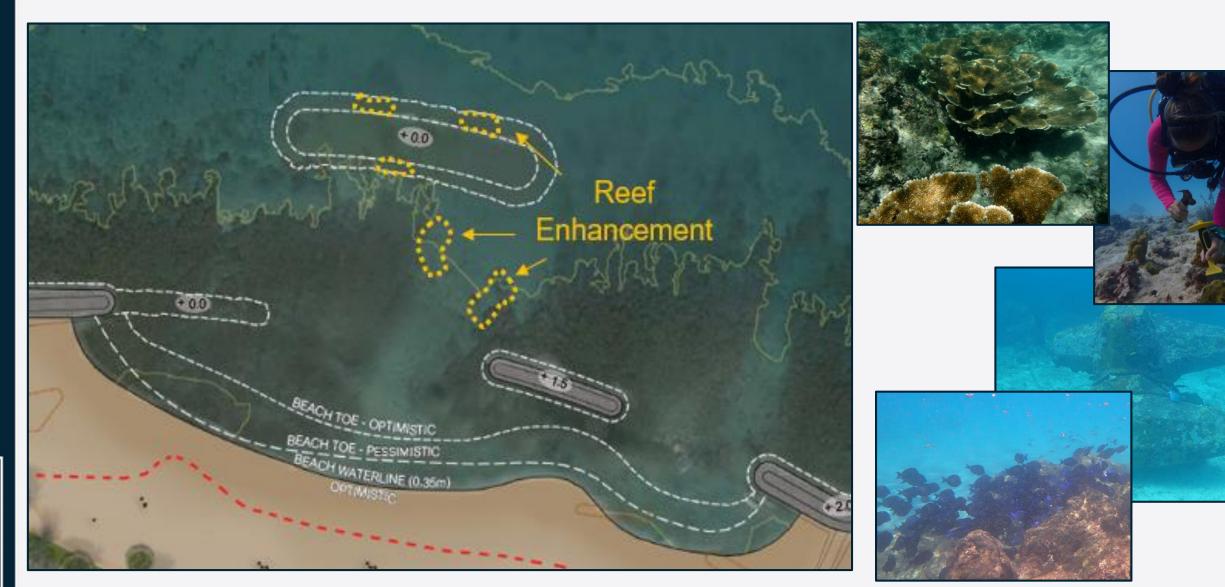








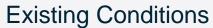
Proposed Coral & Fish Habitat Research Program



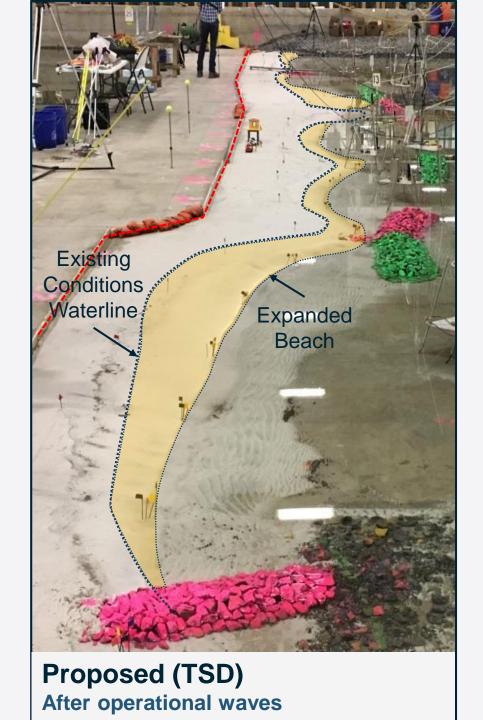


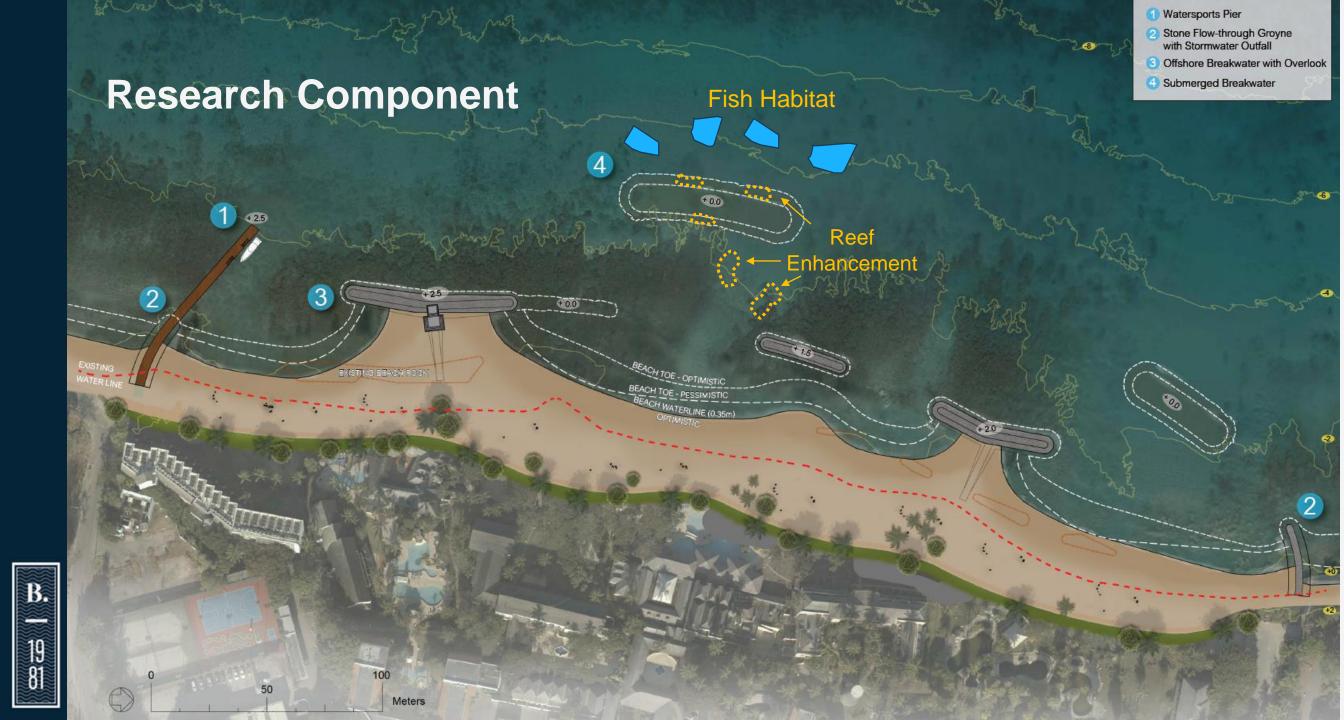
Physical Model Videos 20-year Hurricane











Focus on Ecological Improvements & Monitoring in the Design of a Beach Stabilization & Enhancement Project

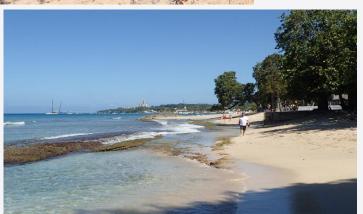
1. Protect & Enhance Marine Habitat

2. Improve Site Drainage



3. Expand Beaches and Improve Water Access





Thank you for your time!

Questions?





Baird.