

## SOUTH SIESTA KEY BEACH RE-NOURISHMENT PHASE II



### **Project Description**

Scheda scientists completed an assessment and characterization of the hard-bottom characteristics observed in the vicinity of the proposed borrow sites selected for the South Siesta Key Beach Restoration Project. The objective of this study was to identify and characterize the hard-bottom in accordance with Federal, State, and local ecological permitting requirements with regards to the design and construction of the second phase of the South Siesta Key Beach Restoration project. Scheda scientists conducted the field reconnaissance for three separate borrow sites and then prepared a Technical Memorandum summarizing the existing hard-bottom communities.

Scheda scientists assisted with the submittal of the Joint Coastal Permit (JCP) application. This entailed documenting environmental resources, and coordination with state and federal Agencies. The coordination included Section 7 Coordination, essential fish habitat (EFH) analysis and shorebird monitoring. Every effort was made to comply with the Florida Statewide Programmatic Biological Opinion which would allow for informal consultation letters from both the U.S. Fish and Wildlife Service (USFWS) and National Marine Fisheries Service (NMFS) to expedite the permitting timeline. Other tasks included pre-construction and during construction shorebird monitoring, dune evaluation, and preparation of a re-vegetation plan for the various planting polygons.

