

**PROJECT:** An Assessment of Coastal Vulnerability Due to Sea Level Rise and Storminess  
**RECIPIENT:** Florida Gulf Coast University  
**FRCF FUNDS:** \$53,460

**SUMMARY:** The City of Sanibel and scientists from FGCU (Drs. Michael Savarese and Felix Jose) will conduct an analysis of Sanibel's vulnerability as a consequence of sea-level rise and increased storminess. The analysis will: (1) engage local stake holders, and (2) describe recent alterations to the coastal landscape, both as prelude to a subsequent computer modeling effort. The first will be accomplished through a series of public meetings and focused, facilitated forums. The second will document the history of beach and dune habitat alteration between 1970 and the present through the production of digital elevation models and from archived beach profiles. These data will identify those coastline segments most susceptible to surge and inundation.