SAND VOLUMES AND TRANSPORT PATHWAYS FOR GULF OF MEXICO REGIONAL SEDIMENT MANAGEMENT

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500 km of shoreline Thirteen federal projects Eight state parks Gulf Island National Seashore Five military bases Local projects Panama City Beach Gulf Shores







Progress to date

Data collection Data input into GIS Literature review RSM GIS tools Regional modeling



East Pass, Florid

FLT.

176

1:19200

96















East Pass, Florida











In thousands of m³/year





An analysis of SHOALS data collected at East Pass, Florida has provided new information regarding the transport pathways and sediment volume changes at the inlet.

This new information will be used to calibrate numerical model estimates of transport rates for the area.

The calibrated models will allow engineers and scientists to understand how modifications to the federal navigation project will affect the region in which the inlet is located.