
Coast Association of Geological Societies, v. 52, p. 89-98.

The map is intended for use in navigation.

Project Description

The project is a collaborative effort between the U.S. Geological Survey (USGS), National Aeronautics and Space Administration (NASA), and the National Park Service (NPS). The project aims to create a high-resolution digital elevation model (DEM) for barrier islands using the NASA Experimental Advanced Airborne Research Lidar (EAARL). The DEM is intended to support research and management efforts for barrier islands, which are critical coastal ecosystems.

Map Description

The map covers the area of the National Seashore, Cape Cod, MA. The map is a representation of the topography using a 2 km by 2 km grid, with 32-bit floating-point integer GeoTIFF format. Contour line and hillshade layers were produced to enhance the visualization of the topographical features.

Acknowledgments

Prepared in cooperation with the U.S. Geological Survey (USGS) and the National Park Service (NPS), this map is intended to support research and management efforts for barrier islands, which are critical coastal ecosystems.