Coastal Resilience, Long Island, USA

Coastal Resilience Project:
The purpose of the Coastal Resilience project is to provide communities with easy access to information to assist in coastal planning, zoning, acquisition, and other management decisions regarding resources at risk from sea level rise and coastal hazards. One of the principal products of the project is a spatially explicit tool that provides forecasts of inundation on the south shore of Long Island under different sea level rise scenarios. The aim of this web mapping tool is to provide communities with easy access to information for their planning, zoning, acquisition and permitting decisions.

Category: Ecological

General Description:
This dataset illustrates beach/dune distribution for the barrier islands of Suffolk County, NY.

Source:
This dataset was created by Jennifer Seavey (Department of Natural Resources Conservation, University of Massachusetts)

Caveats and limitations:

Due to the dynamic nature of the barrier islands system, this dataset should be viewed as a general reference for beach/dune distribution and not an exact delineation of current distribution.

Process:

This dataset was "heads-up" digitized at a 1:4000 scale using 2004 natural color photographs with a 0.5 m resolution (NYSGIS 2004, USGS 2004)

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