

Shoreline Dynamics:

Beach Jurisdiction & Beach Renourishment

Jessica Boynton

Shoreline Specialist
Ocean and Coastal Resource Management (OCRM)

South Carolina Department of Health and Environmental Control

Promoting and Protecting the Health of the Public and the Environment www.scdhec.gov

PURPOSE

 To provide coastal information to the public, managers, planners, and researchers in an interactive, updateable, map-based format

Two web applications

- 1. Beachfront Jurisdictions
- 2. Beach Renourishment
- Applications are supported by SC Coastal Zone Management Program's coastal hazard strategy and our goal of providing better access to coastal data.

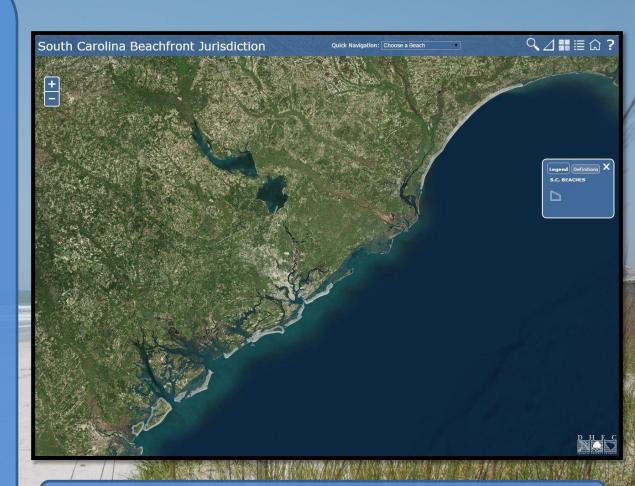
BEACHFRONT JURISDICTIONS

USERS

- Current homeowners
- Future homeowners
- Surveyors
- Consultants
- Realtors

CONTENT

- Jurisdictions in beachfront critical area (baseline, setback line)
- Coastal survey monuments
- Adopted erosion rates
- Survey packets
- Beach zones



http://gis.dhec.sc.gov/shoreline/

BEACHFRONT JURISDICTIONS

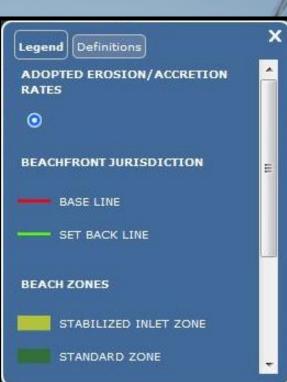


BEACHFRONT JURISDICTIONS



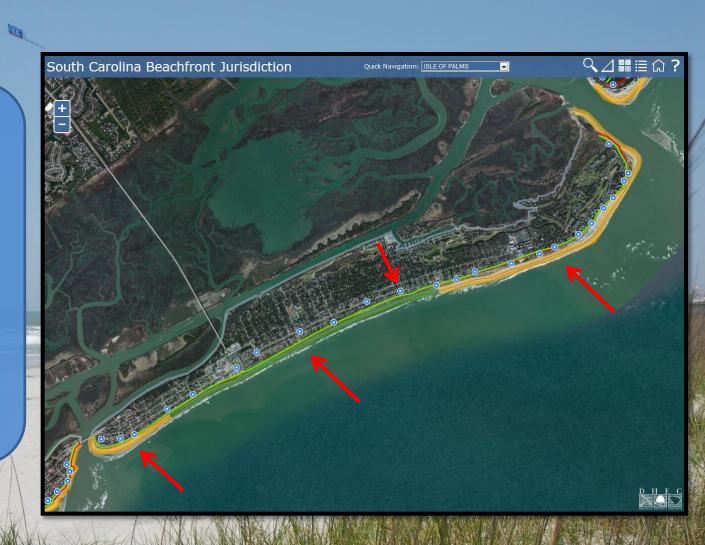
- Quick Navigation pull-down
- Search tool
 - By address
 - By Parcel
- Measurement tool
 - Distance
 - 。 Area
 - Coordinates
- Base Map
- Legend





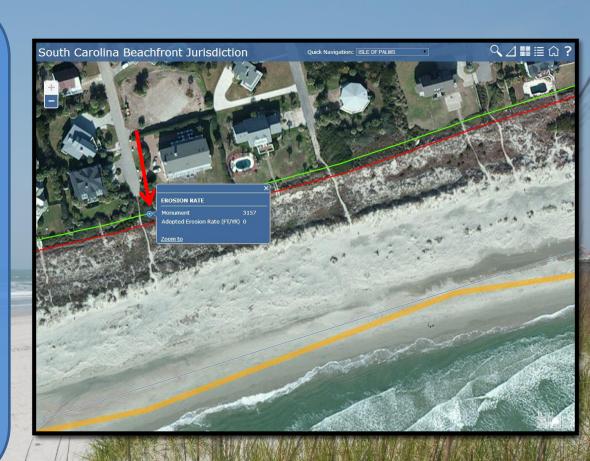
BEACHFRONT JURISDICTION

- Beach zones
 - Standard
 - StabilizedInlet
 - UnstabilizedInlet
- Coastal survey monuments

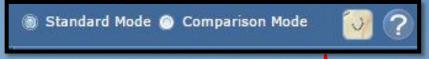


BEACHFRONT JURISDICTION

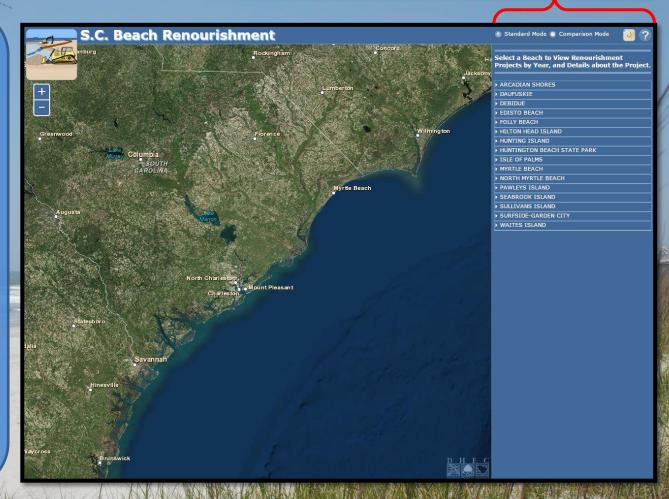
- Jurisdiction in beachfront critical area
 - Baseline
 - Setback line
- Coastal survey monuments
 - Adopted ErosionRates
- Beach zones
 - Unstabilized Inlet Zone



BEACHFRONT RENOURISHMENT

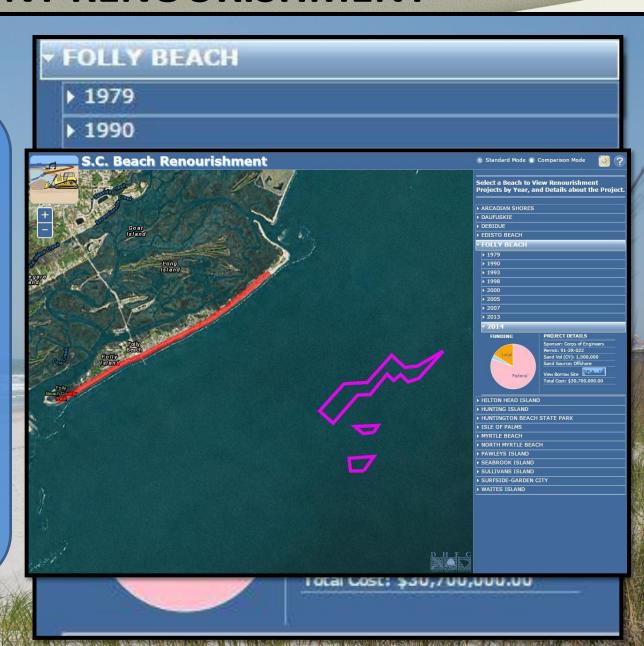


- All completed renourishment projects in SC
- Attributes
 - Project extent
 - Size
 - Cost
 - Funding source
 - Permit #
 - Sand borrow sites



BEACHFRONT RENOURISHMENT

- Standard Mode
 - Sponsor
 - o Permit #
 - Sand Volume
 - Sand Source
 - Cost
 - Funding source
- Comparison Mode
 - Extents of all projects



BEACHFRONT RENOURISHMENT



- Sponsor
- o Permit #
- Sand Volume
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 burgerdj@dhec.sc.gov; 843-953-0251.
- Jessica Boynton (Shoreline Specialist)
 boyntojb@dhec.sc.gov; 843-953-2033



South Carolina Department of Health and Environmental Control

www.scdhec.gov

(803) 898-DHEC (3432)





