

SHORELINE DYNAMICS: BEACHFRONT JURISDICTION AND NEARSHORE ALTERATION APPLICATIONS

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The South Carolina Department of Health and Environmental Control – Ocean and Coastal Resource Management (SCDHEC – OCRM) has released a new web application for beachfront jurisdictions and hazards. The Beachfront Jurisdiction application depicts the location of state jurisdictional lines (baseline and setback), coastal survey monuments, adopted erosion rates, survey packets, and beach zones. The data may be queried by municipality, property address or parcel number. Additionally, the application provides a set of measurement tools to estimate area, distance and coordinates. This release of this application significantly enhances access to this information by current and prospective property owners, contractors, surveyors and realtors. The Beachfront Jurisdiction application is available online:

<http://gis.dhec.sc.gov/shoreline>. Building on its successful effort to provide information to coastal stakeholders, DHEC is developing the Nearshore Alterations web application to depict the linear extent of beach renourishment projects, associated sand borrow areas and the location of groins. In addition to the spatial representation of these activities, DHEC will provide attribute data for each renourishment project, including regulatory permit identification numbers, sand volumes (yrd³), financial cost and cost-share ratios. For questions, contact Jessica Boynton, Shoreline Specialist at 843-953-2033 or boyntojb@dhec.sc.gov.