

Coastal Vulnerability – Available Tools and Data Sources

NOAA Digital Coast <http://coast.noaa.gov/digitalcoast/> The Digital Coast was developed to meet the unique needs of the coastal management community. The website provides not only coastal data, but also the tools, training, and information needed to make these data truly useful. Content comes from many sources, all of which are vetted by NOAA.

Data sets range from economic data to satellite imagery. The site contains visualization tools, predictive tools, and tools that make data easier to find and use. Training courses are available online or can be brought to the user's location. Information is also organized by topic—the top picks from the site, for instance, that relate to green infrastructure or climate adaptation.

Additional specific tools within Digital Coast include

Sea Level Rise Viewer <http://coast.noaa.gov/digitalcoast/tools/slr/>

Coastal Flood Exposure Mapper: <http://coast.noaa.gov/digitalcoast/tools/flood-exposure>

Climate Central: Surging Seas <http://sealevel.climatecentral.org/>

Sea Level Trends: NOAA Tides and Currents

<http://tidesandcurrents.noaa.gov/sltrends/sltrends.shtml>

South Carolina Beachfront Jurisdictions: The South Carolina Beachfront Jurisdiction application is designed to provide an overview of the location of the State's beachfront jurisdictional lines, adopted erosion rates and beach classification zones. This information may be used for general planning purposes. Inquiries regarding specific properties should be directed DHEC Ocean and Coastal Resource Management by calling 843-953-0200. <http://gis.dhec.sc.gov/shoreline/>

FEMA Map Service Center: <https://msc.fema.gov/portal>

Sign up for notifications about Re-Mapping: <http://www.fema.gov/national-flood-insurance-program-flood-hazard-mapping> Region 4

National Flood Insurance Program: Map Update Schedule

https://www.floodsmart.gov/floodsmart/pages/flooding_flood_risks/map_update_schedule.jsp

Flood map update outreach materials:

<https://www.floodsmart.gov/toolkits/insurance/default.htm>

Coastal Resilience Index – A Community Self Assessment: is a tool communities can use to examine how prepared they are for storms and storm recovery. To complete the index, community leaders get together and use the tool to guide discussion about their community's resilience to coastal hazards. <http://masgc.org/coastal-storms-program/resilience-index>

CoastSmart Community Scorecard: <http://dnrweb.dnr.state.md.us/CoastSmart/scorecard.asp>