

# DIGITAL COAST CONNECTIONS



May 2019

## New Data, New Resources



### Digital Coast

- **Tool** – Get a high-level analysis for a custom-drawn area using [OceanReports](#).
- **Data** – See the [list](#) of new and updated data sets



### Office for Coastal Management

- **Fellow News** – [Read the latest](#) from the Coastal Management Fellowship Program.
- **State Story Database** – Read the [most recent stories](#).

## Tech Topics

### Compare Past Shorelines to the Present – Digitize Them!

Analyzing historical shorelines can help shed light on what changes could be coming in the future. Comparing historical maps with current maps is particularly helpful. To do this you first need to make the historical shoreline map or T-sheet (historical manuscript) digital. Use this [self-guided training](#) to identify control points, add them to ArcMap, and successfully georeference your map or T-sheet. Then go forth and compare!

## Stories from Your Peers

### Hawaii Tool and Groundbreaking Adaptation Policies

New legislation in Hawaii pledges a carbon-neutral state by 2045 and requires that a sea level rise analysis be included in environmental impact statements for state development projects. This legislation was informed by the Hawaii Sea Level Rise Viewer, which allows users to “see” which areas will experience impacts in any given scenario. Display options reveal an area’s exposure to coastal erosion, high-wave flooding, or flooding influenced by high tides. The tool also sheds light on economic losses and highway flooding associated with each scenario.

- Read the [full story](#).
- See the [tool](#).

## Tips from the Digital Coast Academy

### Get the Full Picture with Participatory Mapping

Typical ocean data sets do not reveal the whole picture—after all, shipping lanes, animal surveys, and offshore wind-energy-potential figures can only communicate so much.

What’s missing is information on specific ocean uses, straight from the users themselves. That’s why surveying community residents about fishing grounds, surfing spots, and boating and dive locations can find important data for most ocean-planning projects. Use participatory GIS techniques in this [step-by-step guide](#) to plan and design workshops that collect this information. The guide walks through the planning, development, execution, and analysis of a participatory mapping process.

## Fast Facts

# More Mitigation Measures, More Savings



Amount of at-risk U.S. households that are prepared = **ONLY 10%**  
Nationwide savings if ALL prepared = **\$92 million!**



*This is just one of the many coastal management [fast facts and graphics](#) provided for your use. See the [list](#) here, and let us know if you have others you'd like to see added.*

## News from our Coastal Colleagues

### Register for the June 10 Coastal Career Day Workshop

As part of the [Margaret A. Davidson Coastal Career Development Program](#), the Coastal Society has partnered with the International Association for Great Lakes Research to host a [coastal career workshop](#) at its 2019 conference. The full-day event will feature a seminar-style morning session with seasoned professionals providing personal insights. The afternoon session will focus on developing career skills, such as networking, resume writing, interviewing, and job searching, with smaller breakout group sessions. Check out the [draft agenda](#) and [register](#) today.

#### Feedback? Please!

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