

[View this email in your browser](#)



February 2020

New Data, New Resources



Digital Coast

- **Data** – See the list of [new and updated data sets](#).

Office for Coastal Management

- **Fellow News** – Read the [latest updates](#) on the Coastal Management Fellows.
- **Happy 20th Anniversary to the Coral Reef Conservation Program** – [Learn more](#) about the program and follow along on social media using the hashtag, [#NOAACoral20th](#).
- **Ruth Gates Coral Restoration Innovation Grant Program** – \$500,000 is available in funding for coral restoration projects. [Proposals are due](#) March 20, 2020.
- **Mission: Iconic Reefs** – This innovative project works to restore reefs in the Florida Keys National Marine Sanctuary.
- **Impact Story Database** – Explore the [list](#). The most recent stories are at the top.

Tech Topics

Identify When and Where Marshes Will Migrate

Sea level rise won't just cause flooding issues. Higher water levels mean that current marshes will move to existing low-lying areas. Luckily, communities can determine marsh migration using [NOAA's Sea Level Rise Viewer](#). This information is useful for guiding decisions about where to focus monitoring, restoration, and conservation efforts.

After you've selected the marsh location icon nearest to your community, you can view by scenario or year and determine where and when your marshes will migrate based on the amount of sea rise. All of this information is vital for creating effective management plans. The [Marsh Migration Tutorial](#) gives you step-by-step instructions using practice scenarios.

Stories from Your Peers

Don't Trash Texas – Marine Debris Campaign

Trash causes problems for communities all along the Gulf Coast, and nowhere is it more evident than in Texas, according to a 2018 study by the Dauphin Island Sea Lab and Mission-Aransas National Estuarine Research Reserve. These researchers discovered that ten times more trash washes up on the Texas coast than on any other Gulf state shore. This finding, and others, are giving added momentum to a City of Port Aransas marine debris campaign led by the research reserve.



- Read the [full story](#).
- Read the [study](#).
- Learn more about the [marine debris campaign](#).

Tips from the Digital Coast Academy

Determine the Value of Your Local Marine Economy – Then Protect It

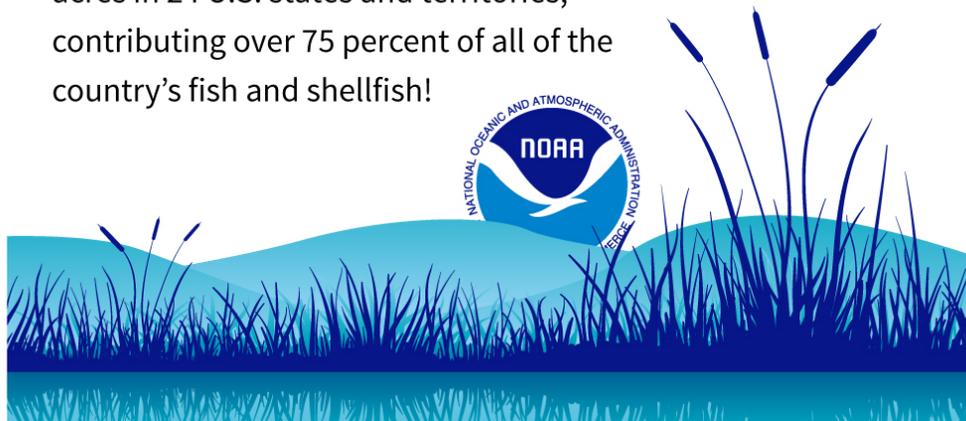
Many jobs in coastal communities depend on marine resources and waterway access. These jobs can be vulnerable to coastal flooding and lake level changes, so identifying these location-dependent businesses is essential when planning for coastal hazards.

Learn the process for estimating your local marine economy in [this training](#).

Fast Facts

ESTUARIES: Where Humans & Nature Thrive

29 research reserves covering 1.3 million acres in 24 U.S. states and territories, contributing over 75 percent of all of the country's fish and shellfish!



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 there are others you'd like to see added.

Feedback? Please!

This newsletter is created for coastal professionals dedicated to keeping coastal communities safe and productive. Please provide any feedback you may have to coastal.info@noaa.gov

[NOAA's Digital Coast](#)



[NOAA Office for Coastal Management](#)

Want to change how you receive these emails?
You can [update your preferences](#) or [unsubscribe from this list](#).



Twitter



Facebook



Website