



July 2023

## New Data, New Resources

### Office for Coastal Management

- NOAA's [Climate Resilience Regional Challenge](#) funding opportunity is now open. Letters of intent are due August 21, 2023.
- Funding opportunities through the [Bipartisan Infrastructure Law](#) for the [Coastal Zone Management Programs](#), [National Estuarine Research Reserves](#), and [Regional Ocean Partnerships](#) are now open.
- NOAA's [Climate-Ready Workforce for Coastal States, Tribes, and Territories Initiative](#) is now open.
- Explore the [list of state impact stories](#) and use them in your communication efforts. The most recent stories are at the top.

### Digital Coast

- **Case Study** – [Dynamic Revetments Provide a Nature-Based Approach to Control Erosion in High Wave Energy Environments](#)
- **Sea Level Rise Viewer** – Now includes the entire Florida Everglades, additional islands in the Commonwealth of the Northern Mariana Islands, Catalina Island off California, and updates to Georgia and the Florida Panhandle.
- **Self-Guided Training** – [Coastal Adaptation Planning Guide: Five Steps for Beginners](#)
- See the [list of new and updated data sets](#) from NOAA's Digital Coast.

## Register Now

### Webinar: Engaging Youth in Living Shoreline Programs

Hear from two experts about their successful living shoreline programs that use a variety of approaches, including oyster reef and salt marsh restoration, and see how they incorporate young adults into these efforts. [Register now](#) for the webinar, which takes place on July 12, 2023, from 1 to 2 p.m. Eastern.

## Products You Can Use

## Story from the Field: Identifying a Flood-Safe Location for a Future Wastewater Treatment Facility

During multiple past hurricanes, a wastewater treatment plant in Jackson County, Mississippi, flooded, causing millions of dollars in damage. County officials used NOAA Digital Coast's [Sea Level Rise Viewer](#) to find local areas that wouldn't flood under medium-to-high sea level rise scenarios. Having this information helped the team find a location that would remain safe from floodwaters through 2070. Building at the new location should save the county millions in future flood damages.

### STAFF PICKS!



Meet  
**MARIAN HANISKO**,  
our learning  
services  
coordinator for the  
Gulf Coast.



## Tech Topics

### High-Resolution Land Cover Data

NOAA is phasing in a new, high-resolution coastal land cover product ([C-CAP data](#)) for the entire coast, to be delivered from the Digital Coast website. This 1-meter resolution data product provides an incredible level of detail appropriate for site-level use. Foundational data sets will be available by the end of 2023. Additional land cover data classes (up to 20) will be available by the end of 2025. NOAA is offering several buy-up options for users who want the data earlier, or perhaps need additional geographies covered or additional land cover classes included.

Contact [Nate.Herold@noaa.gov](mailto:Nate.Herold@noaa.gov) to learn more.

## Stories from Your Peers

### Investing in Waterfront Access

Michigan is investing in its waterfront in a big way. The Lake St. Clair Metropark has received \$1.5 million in funding, affecting 4,000-plus miles of existing water trails. The [Michigan Coastal Management Program](#) is a partner in this effort. The project includes floating docks, kayak launches, educational signage, and more. The partnership approach to funding has really paid off for Michigan citizens and visitors.



- Read the [full story](#).

## Tips from the Digital Coast Academy

### Collaborate Early, Collaborate Often

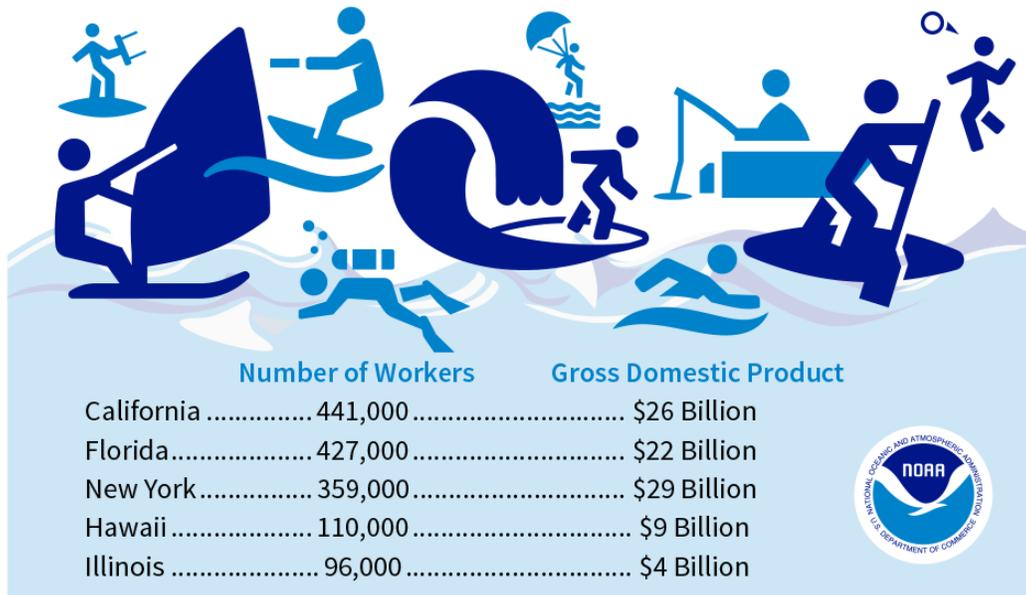
As sea level rise and climate change threaten community infrastructure, coastal programs are at the front lines, trying to balance it all. The California Coastal Program is working with the California Department of Transportation to streamline transportation projects with positive environmental features along the California coast. This partnership has led to many successful transportation, environmental, and coastal access projects.

One of the biggest takeaways is the need to be open to unfamiliar partnerships. Coastal programs don't regularly look to transportation agencies, but over the 20 years these agencies have worked together, the benefits have become obvious. Another lesson learned: collaborate early and often. This can save time and money for both agencies.

Read the [full case study](#) to learn more.

## Fast Facts

### Ocean Tourism and Recreation The Top Five Contributors



*This is just one of the many coastal management [fast facts and graphics](#) provided for your use. [Read the list](#) 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](mailto:coastal.info@noaa.gov)

*NOAA's Digital Coast*



*NOAA Office for Coastal Management*

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