



November 2023

## New Data, New Resources

### Office for Coastal Management

- Explore the [list of state impact stories](#) and use them in your communication efforts. The most recent stories are at the top.

### Digital Coast

- **Story from the Field** – [Building Tsunami Preparedness in the Commonwealth of the Northern Mariana Islands Using Lidar](#)
- **Story from the Field** – [Surveying Historic Sites Using Lidar in the Commonwealth of the Northern Mariana Islands](#)
- **Training** – [Economic Guidance for Coastal Management Professionals – On-Site Delivery](#)
- **Data** – See the list of new and updated [data sets](#).

## NOS' New Strategic Plan

The four priority areas are as follows: 1) Increase coastal resilience, 2) Make equity central to our mission, 3) Accelerate growth of the ocean enterprise and the blue economy, and 4) Conserve, restore, and connect healthy coastal and marine ecosystems. [See the full report here](#). Other interesting sections include core values and operating principles, challenges and opportunities, and even a definition for Indian tribes and other Indigenous populations. Good reading!

## Partner Product Highlight

### Discover High Tide Flooding Outlooks

NOAA's Center for Operational Oceanographic Products and Services rolled out a more powerful set of tools to help tackle high tide flooding.

The [Annual High Tide Flooding Outlook](#) predicts the number of high tide flood days for the upcoming year (May to April). It also offers a snapshot of high tide flood events from the previous year, long-term projections

to 2050 under various sea level rise scenarios, and detailed high tide flood exposure maps. The new [Monthly High Tide Flooding Outlook](#) offers daily forecasts for high tide flooding for the entire year, helping users plan ahead for flood management and bolster their responses to climate change. This [data](#) is available for locations all across the country.

## Tech Topics

### Shoreline Stabilization Techniques

Gray versus green, or somewhere in between? It's not always an easy decision to make, but this [six-page document](#) can help. In addition to the pros and cons of the various approaches, the publication also provides a detailed list of things to consider, including the distance along open water over which wind blows to generate waves, shoreline slope, and anticipated storm surge and wave energy.

## Stories from Your Peers

### Revolutionary Land Cover Data for Alaska

Alaska has never before had access to widespread high-resolution coastal land cover data . . . but that's about to change. For over 20 years, NOAA's Office for Coastal Management has provided 30-meter resolution land cover for much of the nation's coast, but funding acquired via the Bipartisan Infrastructure Law helped the program take a big leap forward with a new initiative focused on providing high-resolution data (1-meter resolution instead of 30-meter). The impact, particularly on a local level, is tremendous, especially in coastal Alaskan communities that can use the new data layers to enhance their resilience to coastal flooding. Most communities previously found the acquisition cost of high-resolution data to be cost-prohibitive. Now this information will be available, free of charge, from NOAA's Digital Coast.



- To learn more, read the full story [here](#).

## 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

# More Mitigation Measures, More Savings



**One dollar invested in mitigation =  
13 dollars U.S. saves in future costs**



*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*



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