



February 2023

New Data, New Resources

Office for Coastal Management

- Get to know the 2022-2024 cohort of [Margaret A. Davidson Fellows](#) and the [Coastal Management Fellows](#) in their latest newsletters.
- Explore the [list of state impact stories](#) and use them in your communication efforts. The most recent stories are at the top.
- See the list of [new and updated data sets](#) from NOAA's Digital Coast.

Staff Picks

OceanReports

The Product: [This tool](#) quickly summarizes information and statistics from over 80 ocean-related data layers ranging from marine transportation to ocean economics. Users draw their area of interest and can then either share the unique link or download the report to engage their team.

Why Mark Chose It: The reports are presented in an easy-to-read format next to a map display that allows nontechnical audiences to do a preliminary screening of what's available and what's going on in the chosen location. For the more technical users, the tool provides easy access to metadata, or they can download the data for further analysis.

A graphic titled 'STAFF PICKS!' featuring a cartoon illustration of Mark Finkbeiner, a man with glasses and a beard wearing a blue polo shirt and grey pants. To his right is a screenshot of the OceanReports web application. The screenshot shows a header 'OceanReports' and a main heading 'Know what's happening in your ocean area'. Below this is a list of 'Ocean Reports' with columns for 'Report Name', 'Data Layer', and 'Download Report'. At the bottom of the screenshot are two buttons: 'DOWNLOAD DATA' and 'VIEW QUICK REPORTS'. Below the graphic, the text reads 'MEET Mark Finkbeiner, resident ocean data expert.'

STAFF PICKS!

MEET Mark Finkbeiner, resident ocean data expert.

This tool was developed by the [MarineCadaastre.gov](#) team, a partnership between NOAA and the Bureau of Ocean Energy Management.

Tech Topics

Calculating Coastal Flood Frequency

In some communities, “sunny day flooding” is becoming public enemy number one. High-tide induced flooding that used to occur once in a blue moon (pun intended) is now happening more often. Those affected don’t find this one bit funny.

In many areas, sea level rise is increasing the frequency, duration, and extent of sunny day flooding. NOAA’s Digital Coast provides [step-by-step guidelines](#) communities can use to calculate local flood frequencies under various scenarios that include storms and sea level rise. This information will come in really handy the next time you speak before your city council.

Visit [this site](#) and contact coastal.info@noaa.gov if you have questions.

Stories from Your Peers

Assess and Expand Working Waterfront Economies

Officials from Maine cities and towns have used coastal economic tools and expertise from NOAA to analyze the socioeconomic strengths of their working waterfronts. NOAA’s [Economics: National Ocean Watch](#) tool assisted county employees in determining the impacts of pier and boat launch closings. The [Estimating the Local Marine Economy](#) training taught them how to pinpoint economic strengths. Findings in hand, these officials are working to maximize the waterfront economy by recruiting new businesses, improving comprehensive plans, and applying for grants to enhance infrastructure and economic development.



- Read the [full story](#).

Tips from the Digital Coast Academy

Don’t Just Tell, Show!

If pictures are worth a thousand words, how many are videos worth? More so now than ever before, videos are the way of the world. If you’re trying to communicate a specific message, say, the vital role estuaries play in water filtration, a video could be for you.

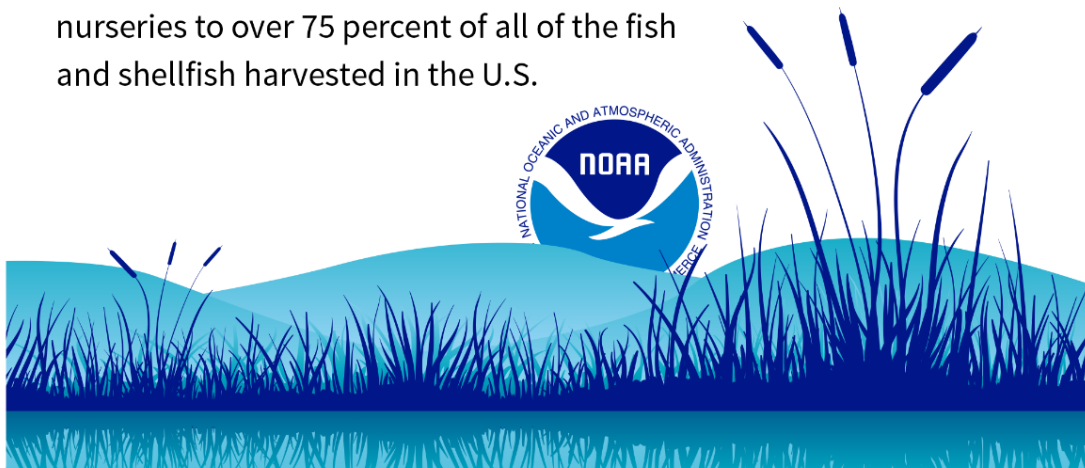
Videos can also be hard to create. They take specialized skills, time, and really focusing your message in a tight time frame. So don’t re-create the wheel. Find trusted sources that produce videos and see if they have

something that fits your needs (hint: [NOAA's Digital Coast video gallery](#)). Start with [this estuary video](#) that highlights the message we mentioned above. We've even translated it to [Spanish](#).

Fast Facts

ESTUARIES: Where Humans & Nature Thrive

30 research reserves covering 1.4 million acres in 25 U.S. states and territories. Estuaries are nurseries to over 75 percent of all of the fish and shellfish harvested in the U.S.



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


NOAA's Digital Coast



NOAA Office for Coastal Management

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