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Correct link for the [interactive water levels graphic](#).



January 2020

Digital Coast Contributors Make it Happen



Over 25%
of all
training
resources



70% of
all tools



50% of
the stories
from the field



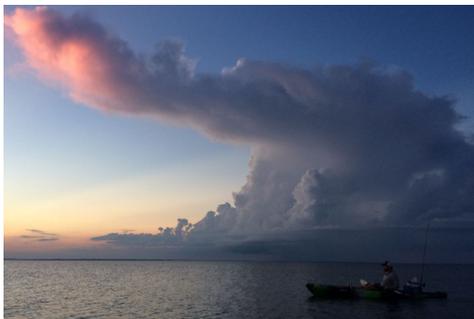
90%
of all
data sets

More than 750 contributors make up over 80% of these powerful resources:

- 2,550+ data sets
- 110+ stories from the field
- 70 tools
- 160+ training resources

Learn more about contributing partners on our [website](#).

New Data, New Resources



Digital Coast



Office for Coastal Management

- **Webinar** – [Register now](#) for the Seven Best Practices for Risk Communication training, happening January 14.
- **Case Study** – [Environmental Clean-Up Unites and Revitalizes a Waterfront Community](#)
- **Case Study** – [Dune Restoration Increases Flood Protection and Access for Community](#)
- **Story from the Field** – [Identifying a Flood-Safe Location for a Future Wastewater Treatment Facility in Mississippi](#)
- **Story from the Field** – [Assessing the Economic Significance of a Public Pier and Boat Launch in Maine](#)
- **Tool** – [Recovery Potential Screening](#)
- **Data** – See the list of [new and updated data sets](#).
- **Registration** – Open for [Social Coast Forum](#), February 4 through 6, 2020. Hurry, it sells out fast.
- **Impact Story Database** – Explore the [list](#). Most recent stories are at the top.

Tech Topics

Breaklines from the Data Access Viewer

Hydro breaklines are vector features that delineate water-related features (such as lakes, ponds, rivers, and coastlines) in topographic digital elevation models.

Many of the lidar data sets available on NOAA's [Digital Coast](#) also have the associated breakline data available for download. You can find these data by clicking on the elevation data set's "Bulk Download" link and viewing the data set webpage. If there are breakline data available, they will be listed in the "Supplemental" or "Breakline" sections. Simply click on the breakline zip file to download the data.

Have questions? Email [Kirk Waters](#) or read this [GeoZone blog](#) on the topic.

Stories from Your Peers

Combining Technical and Historical Data to Address Restoration Challenge

Wild rice is one of the first foods the Anishinaabeg people—also known as the Chippewa and Ojibwe tribes—feed their babies, and is also a traditional dish for funeral mourners. Many factors have disrupted the harvest, but staff from NOAA's Office for Coastal Management and their partners are working to preserve and restore this critical species. A participatory mapping exercise combined tribal knowledge of wild rice locations with land cover data from NOAA's Digital Coast to pinpoint focus areas for data collection and monitoring. Other partners held workshops, led outreach efforts, and conducted trainings to ensure the success of this project.



- Read the [full story](#).
- [Learn more](#) about the technical process.

Tips from the Digital Coast Academy

Having the “Waters are Rising” Conversation with Your Community

It is a fact of coastal life: today's flood is tomorrow's high tide.

We have an [interactive graphic](#) (follow the link and scroll down, please!) that shows how high tide, storm surge, and sea level rise contribute to total water levels. Having this information on hand can help jumpstart a meaningful conversation within your community about flooding projections.

Also check out the website connected to this graphic. The focus is on how rising water levels will affect stormwater management systems. It's quite a story—one you will surely want to stay on top of.

Fast Facts



Natural Infrastructure



Wetlands and reefs
and mangroves...oh my!



Billions in savings (\$23 billion/year),
services (water quality and storm protection),
and value (37% higher property value).

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.

Training for Your Community

Facilitation Basics for Coastal Managers

You know you've been there—one of those meetings where you can't help but cringe at the dynamics. Joe is dominating the conversation, Helen is off topic, and your usually fearless leader seems, well, flustered. It happens, but you can turn things around!

Host this [popular training](#) from NOAA's Digital Coast to help everyone get the skills needed to run fruitful, harmonious meetings. Our trainers come to your location to teach tried-and-true techniques, while helping participants identify disruptive behaviors and practice strategies for getting things back on track. Return on investment is definitely high for this course!

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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