DIGITALCOAST CONNECTIONS

New Data, New Resources

Digital Coast **– Your Coastal Information Resource**

- **Story from the Field:** Driving Innovation in the New Blue Economy through Government-Industry Collaborations in Southern California

- **Tool** – National Coral Reef Monitoring Program Data Visualization Tool

- **Quick Reference Resources** – Coastal Inundation

- **User Tips, Checklist for Use** – Coastal Flood Exposure Mapper

- **Video** – Takeaways from the 2022 Sea Level Rise Technical Report

- **Data** – See the list of new and updated data sets.

Office for Coastal Management

- 2024 Coastal Management and Digital Coast Fellowship Program applications are due January 26, 2024. Apply now.

- Explore the list of state impact stories and use them in your communication efforts. 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

migrate to higher adjacent areas. Luckily, communities can predict this movement using NOAA's Sea Level Rise Viewer. This information is useful for guiding decisions about where to focus monitoring, restoration, and conservation efforts.

First, select the marsh location icon closest to your community. You can then view by scenario or year to determine where and when your marshes will migrate based on the amount of sea rise. This information is vital for communities working to create effective management plans.

- The Marsh Migration Tutorial provides step-by-step instructions using practice scenarios.

Stories from Your Peers

New Hampshire Towns Upgrade their Tidal Crossings

New Hampshire has approximately 120 tidal stream crossings, all of which play a crucial role in aquatic ecosystem health, since tidal culverts that are too small can block fish migration and can greatly exacerbate flooding issues.

The state assessed all of New Hampshire's tidal crossings in 2018, and determined that 80 percent were moderately to highly restrictive of tidal flows. Three tidal-crossing replacement and restoration projects were prioritized and selected based on factors such as flood resilience and the condition of the structures. The goal is to replace aging infrastructure with culverts that reduce flood risk and allow for the passage of organisms and wildlife.

- To learn more, read the full story.

Tips from the Digital Coast Academy

Find a Project Champion

When Toledo, Ohio, planners were trying to build momentum and support for green infrastructure projects, finding a local champion who believed in the value of applying a sustainability lens to Toledo's rebuilding efforts turned out to be a very successful approach. This local champion was able to serve as a catalyst for gathering support and moving projects forward. Having someone the community already trusts to champion your efforts will bring an element of authenticity to the project that cannot be overestimated. Put this technique to work for you.

- Read more about Toledo's process and follow up with the experts.

Fast Facts

CORAL REEFS: Protectors and Providers

$3.4 billion value every year, benefiting fisheries, tourism, and coastal communities

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.