



December 2019

New Data, New Resources



Digital Coast

- **Data** – See the list of [new and updated data sets](#).



Office for Coastal Management

- Announcing the 2019 National Fish and Wildlife Foundation [National Coastal Resilience Fund Grants awards](#).
- **Registration** – Open for [Social Coast Forum](#). Hurry, it sells out fast.
- **Impact Story Database** – Read the [most recent stories](#).

Tech Topics

Investigate Your Neighborhood with the Sea Level Rise Viewer

Inside [NOAA's Sea Level Rise Viewer](#) are handy visualizations showcasing local landmarks. As users slide the water level up, the water level in the image rises, demonstrating to the community what sea level rise would look like at this well-known area. These visuals of iconic landmarks really make an impact.

Start by searching for your address or city, and then zoom out to find the closest visualization. Zoom back in to your location and toggle to the scenario you're interested in for more information. This [tutorial](#) gives step-by-step instructions.

Stories from Your Peers

Mitigating a Thorny Predatory Issue

Crown of thorns sea stars are large predators that have wreaked havoc on Guam's coral reefs. Each animal can eat more than 100 square feet of stony coral per year, and its venomous thorns repel most predators. The NOAA Coral Reef Conservation Program supports a multi-partner effort that has raised local awareness through flyers, social media, and training sessions, and it shows. Since 2018, the team has received over 100 reports of sea star sightings, enabling the response team to target dive sites hardest hit by these predators. The team has conducted successful removal efforts at nine sites so far, including popular tourist destinations.

- Read the [full story](#).



Tips from the Digital Coast Academy

Plan Ahead for Marsh Migration

There are many factors to consider when it comes to sea level rise. Take the marsh, for instance. Where will these wetlands go? Will they move inland? Will they disappear? Luckily, there are ways to make an educated guess.

An important factor in this equation is the accretion rate. Accretion is what happens with sediments are delivered to and then trapped within marshes, causing a gradual growth or increase in ground height. See [this tutorial](#) to learn more.

Fast Facts



HIGH TIDE FLOODING



300 - 925% increase over 50 years
10 to over 30 times per year
creates public safety and health risks

Source: Sweet et al. (2014)

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

Manage Visitor Needs and Conservation Goals in Protected Areas

Balancing tourist needs and expectations with a mandate to protect fragile coastal resources is a tough job. Let NOAA Digital Coast's [Managing Visitor Use in Coastal and Marine Protected Areas training](#) help you and your community find the right approach.

This course helps participants understand, monitor, and manage visitor use to maintain healthy resource conditions and high-quality visitor experiences. It introduces participants to a step-by-step decision-making process to identify unacceptable visitor use impacts and explore a range of helpful strategies and tactics to address them.

NOAA will bring the expertise and trainers. You provide participants from your community and a space. [Contact NOAA to host this course.](#)

News from Our Coastal Colleagues

Public Access and ADA Compliance

NOAA's Office for Coastal Management now requires that each state with a federally approved coastal management program report the number of public access sites that comply with the Americans with Disabilities Act (ADA). To help coastal programs better understand disabilities standards, a NOAA coastal management fellow placed in Oregon investigated the topic. Read the [article](#) to find out what it means to comply with ADA guidelines.

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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