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August 2021

New Data, New Resources

Digital Coast

- **Self-Guided Training** – Nature-Based Solutions for Coastal Hazards: The Basics
- **Tool** – Community Rating System Explorer
- **Data** – See the list of new and updated data sets

Office for Coastal Management

- Learn more about green infrastructure for coral reefs in this brochure from the **Coral Reef Conservation Program**.
- Read about making the decision to start a podcast in the **July issue of *Coastal Communicators***.
- From social science to risk communication, our **virtual trainings** are easy ways to gain skills. See the upcoming offerings.
- **Impact Story Database** – Explore the full list.

Tech Topics

Go with the Lidar Workflow

It can be difficult to determine if working with lidar is right for you—and where to even begin. If only someone with expertise on the topic could walk you through it all with a personalized project plan.

Enter the Working with Lidar series of trainings. This highly interactive self-guided resource walks

coastal managers through the process, starting with a checklist to help define the issue and make the decision if working with lidar is the right choice—a step further helped along using a decision tree. From there, upcoming installments will move through the workflow by identifying data gaps, needs, and availability, ending with a better understanding of what working with lidar is all about, all curated by experts.

Stories from Your Peers

Four NOAA Research Reserves Produce Millions in Yearly Economic Benefits

Anyone working in coastal management knows that the scientific, environmental, and educational benefits of the national estuarine research reserves are multifold and measurable. The economic benefits—while also extraordinary—are harder to measure.

A recent economic study by NOAA and partners aimed to change this, however, by examining four reserves—Oregon's South Slough and Florida's Apalachicola, Guana Tolomato Matanzas, and Rookery Bay Reserves. Study findings show that these reserves generate more than $165 million in annual revenue, including $56.4 million in wages and at least 1,762 jobs. Site-by-site findings provided further insight into the many ways these important places benefit their communities' economies.

- Read the full story.

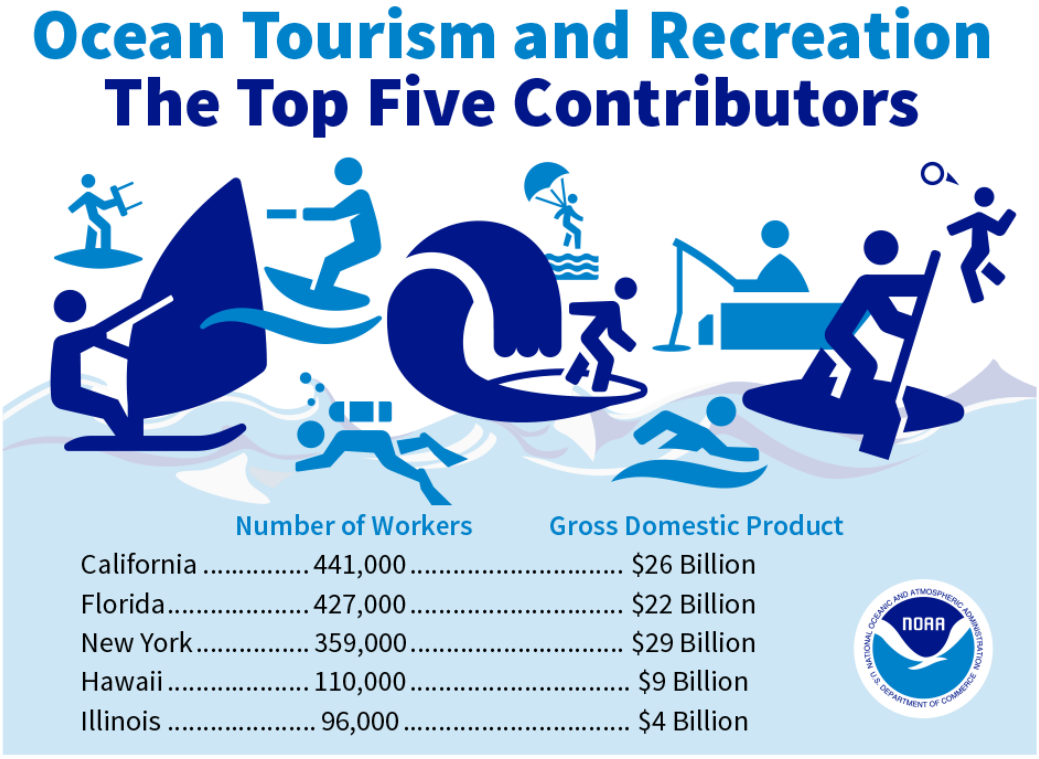
Tips from the Digital Coast Academy

Plan Ahead for Disaster Response

While no one wants to think about a major disaster hitting their community, it's a necessary part of every coastal manager's job. That forward planning especially comes in handy when hurricanes pack a one-two punch, like they did in Puerto Rico. After Hurricanes Irma and Maria damaged more than 11 percent of Puerto Rico's coral reefs, partners had to act quickly to conduct assessments and decide on a course of action.

They learned it's better to develop a plan ahead of time instead coming up with something on the fly. While the team was able to reattach approximately 16,000 corals in over 63 sites throughout Puerto Rico and the U.S. Virgin Islands, a rapid post-storm response allowed for a higher coral survival rate. The key to planning ahead is to identify resources in advance—such as a hurricane response plan and an updated list of response capacity—both in the geographic region and outside of it. Find more lessons learned in this case study.

Fast Facts



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.

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