

DIGITAL COAST CONNECTIONS



October 2018

New Data, New Resources



Digital Coast

- **Story from the Field** – [Planning for Resilience in Communities with Water-Dependent Uses and Working Waterfronts](#)
- **Data** – see the [list](#) of more than 50 new and updated data sets.



Office for Coastal Management

- Federal funding opportunity: [National Estuarine Research Reserve System Collaborative Science Program 2019](#).
- Winners: [2018 National Estuaries Week Photo Contest](#).

Tech Topics

Green Infrastructure Effectiveness

If there is a hot topic in the flood preparedness community, this is it. Green (or natural) infrastructure can reduce impacts from storms and sea level rise, and if you do it right, might even provide some recreational benefits to boot.

But what will work the best for your situation? How do you figure out the return on investment? The Digital Coast has lots of resources associated with this topic. A great place to start is the [Green Infrastructure Effectiveness Database](#) or the [Natural Infrastructure Topics page](#). The former summarizes, in what we hope is a helpful format, the key findings from various sources. The database delivers information on the effectiveness of 32 different coastal green infrastructure types in reducing hazards.

Don't be green with envy— visit these resources and help yourself and your community.

Stories from Your Peers

Volunteers Clear 2,500 Pounds of Marine Debris in 24 Hours

When a rare “super blue blood moon” brought an incredibly low tide to Florida’s Big Bend Seagrasses Aquatic Preserve, volunteers sprang into action on foot and by boat. In total, volunteers cleared 140 derelict crab pots and thousands of pounds of marine debris in a single day. Cleanup events like these can lead to big economic benefits. In 2017, a study showed that cleaning up derelict crab pots would lead to a 23.8 percent increase in blue crab harvest over six years, which equals \$33.5 million in industry profits.

- See the [full story](#).
- Learn more about the [super blue blood moon](#).



Tips from the Digital Coast Academy

Assess Vulnerabilities Efficiently and Effectively

As recurrent flooding and sea level rise threaten communities and natural resources alike, thoughtful planning and adaptation measures can lessen impacts. Make sure you accurately and effectively describe vulnerabilities by using this [quick reference](#) from the Training Academy section of our Digital Coast. Walk through a series of questions to determine goals and funding for the vulnerability assessment, what types of data and information to collect, and more.

Take your project a step further with the [Planning Effective Projects for Coastal Communities](#) training. Assessing needs along with vulnerabilities gives you a fuller picture to set project priorities and plan for meaningful evaluation.

News from Our Partners

Developing Urban Resilience

Learn about real estate development projects showcasing best practices in resilient design using this [new website](#) from the Urban Land Institute. Users can search project briefs by development type, resilience strategies, and climate risk. Resilient design can generate opportunities for value creation like avoided losses and reduced insurance premiums. Browse [this section](#) for projects specifically involving green infrastructure practices.

Fast Facts

Wetland Benefits

\$625 million in damages prevented.



Information provided by The Nature Conservancy

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 you have others you'd like to see added.

Feedback? Please!

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