



DIGITAL COAST

CONNECTIONS

Dear Colleague,

The holidays are a busy time for many people. Let NOAA's Digital Coast cover any coastal managers on your list by doing all of your coastal management shopping here this season!

Is change on your list? [NOAA's Land Cover Atlas](#) identifies changes in a community to help managers determine at-risk areas. Or catch up on all of the ECON 120 videos featuring [externalities](#), [indicators](#), and more. Data can round out your list with over [3.2 trillion lidar points](#).

Browse the Digital Coast website now, or contact us directly for assistance.

Sincerely,

A handwritten signature in black ink that reads "Lori Cary-Kothera".

Lori Cary-Kothera
Science and Geospatial Solutions Operations Manager
NOAA Office for Coastal Management



Stories from the Field

Digital Coast Data and Tools in Action

Understanding the Present by Studying the Past through Lidar

As climate change impacts coastal areas, studying the past may provide important lessons on human resilience and resource conservation. [High-resolution lidar data](#) allow researchers to model terrain in key locations, identify ancient beach ridges reflecting sea level change, extract landscape and structural features, and predict and locate archaeological coastal settlements. All of this information can be combined to determine how settlers thousands of years ago responded to sea level fluctuations and other environmental changes. See how American Samoa [used this process](#).

Planning for Future Flood Hazards

Coastal communities are vulnerable to risks such as flood hazards from tropical storms, heavy rains, and rising sea levels. Managers can involve community members in planning decisions to make sure residents and their property are

Data Updates

New and Updated Data Sets*

Elevation

- 2007, 2012, 2013 South Carolina Lidar
- 2014 New Jersey Lidar
- 2015 Mississippi Lidar

Jurisdictions and Boundaries

- Clean Water Act

Ocean Uses and Planning Areas

- Aquaculture

See a [full list](#) of the new and updated data, or [subscribe to the data updates newsletter](#).

*Some data sets do not cover the entire state.

Additional Updates

Demonstrate Positive Project Impacts

Program accountability often means providing evidence of positive impacts.

resilient to these extreme events. [NOAA's Sea Level Rise Viewer](#) enables residents to consider current risks and visualize future flood impacts to their community. Mississippi [used this tool](#) with workshop participants to discuss ideas for hazard mitigation.

News from Our Coastal Colleagues

Early-Bird Registration Now Open for PRiMO 2017

Register now for the [Pacific Risk Management 'Ohana \(PRiMO\) 2017](#), Navigating towards Security and Sustainability, to lock in the early-bird rate. Join over 200 risk management professionals and thought leaders from the Pacific Islands and across the globe to discuss how to make Pacific Island communities more secure and sustainable to natural hazards and climate change. [Early registration](#) closes December 31, 2016.

This evidence can be obtained through an evaluation process. The [Planning for Meaningful Evaluation](#) training prepares participants to effectively evaluate any project.

Effectively Deal with Disruptive Behaviors

Whether it's a "diverting dolphin," "eager otter," or other "personality" disrupting meetings, the [Dealing with Disruptive Behaviors](#) tool helps facilitators manage the chaos. Learn gentle and firm methods of intervention, and access the tool on your mobile device for help on the go.

Be a Part of Improving the Digital Coast Website

The Digital Coast was just revamped, but we never stop trying to improve. Help us assess usability on the new site. [Contact us](#) to get involved.

Training Calendar

See what trainings are coming up in the [Training Calendar](#).



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Website

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Send your product, personnel, or event news to Caitlyn.McCravy@noaa.gov. We'll include it in *Digital Coast Connections*, space permitting. For answers to additional questions, contact coastal.info@noaa.gov.

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