



DIGITAL COAST

CONNECTIONS

Dear Colleague,

It's never too late in life to go back to school. The redesigned [Digital Coast Academy](#) makes it easy for coastal practitioners to get the knowledge and skills they need to excel at their jobs. Packed with [online](#) and [in-person](#) trainings, [self-guided resources](#), [case studies](#), and more, the Digital Coast Academy offers everything from on-demand [quick reference guides](#) to [scheduled instructor-led offerings](#). Check it out, and let us know how we can continue to meet your learning needs.

Sincerely,

A handwritten signature in black ink that reads "Nancy Cofer-Shabica". The signature is fluid and cursive.

Nancy Cofer-Shabica
Learning Products Development Program Manager
NOAA Office for Coastal Management

PS - 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.



Stories from the Field

Digital Coast Data and Tools in Action

Visualizing Sea Level Rise to Engage Municipal Government Officials

Periodic tidal flooding presents driving hazards, decays infrastructure, forces temporary business closures, and causes human health hazards. As sea levels continue to rise, today's flood will become tomorrow's high tide. Using [NOAA Digital Coast's elevation data](#), cities can map predictions for areas impacted by tidal and weather-related short-term coastal flooding, and impacts from relatively small changes in sea level. See how the City of Charleston, South Carolina, used the data to [map the extent of flooding](#) and predict the number of times tidal flooding will occur in the future.

Using the Coastal Resilience Tool to Identify Restoration Techniques

Maintaining thriving coastal economies is a priority for many coastal communities. Using funding from NOAA, [partners in New Jersey created](#) the

Data Updates

New and Updated Data Sets

Elevation*

- Georgia
- Hawaii
- North Carolina
- Pennsylvania

Imagery*

- Florida
- Louisiana
- Puerto Rico
- Washington

Jurisdictions and Boundaries

- Coastal Barrier Resource System

Marine Mammals and Turtles

- Biologically Important Areas for Cetaceans

Ocean Uses and Planning Areas

- Active Renewable Energy Leases
- Aquaculture
- Wind Planning Areas

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

[Restoration Explorer](#), a coastal resilience decision-support tool to help communities identify nature-based solutions to coastal hazards, thereby protecting their coastal economy. This tool is enabling partners to make the case for increased investment in restoring coastal habitats as a means of reducing future climate risks.

News from Our Coastal Colleagues

Save the Date: Coastal GeoTools

February 6-9, 2017

North Charleston, South Carolina

[Coastal GeoTools](#) is back—and is once more hosted by the Association of State Floodplain Managers. Join your fellow coastal management data professionals to discover new technologies and applications—and learn from your peers about how they're addressing today's coastal issues using geospatial data and tools. The online [Call for Abstracts](#) is now open! Abstracts are due September 26.

*Data sets do not cover the full state

Additional Updates

Green Infrastructure Resources

Climate change is altering coastal environments and how conservation is approached. To address this challenge, NOAA has released a new [Guide for Considering Climate Change in Coastal Conservation](#), along with a companion [How to Consider Climate Change in Coastal Conservation](#) self-guided online resource. Find these resources and more on the [green infrastructure topic page](#) on [NOAA's Digital Coast](#).

Learn to Communicate Weather and Climate Hazards Effectively

Tuesday, August 30, 1:00 p.m. Eastern Time

Understanding risk is a key component for initiatives focused on helping communities prepare for and respond to weather and climate hazards. The [90-minute interactive training](#) from [NOAA's Digital Coast](#) introduces participants to seven best practices, numerous techniques, and examples for communicating about coastal hazards. No previous communications experience is necessary. Join in to learn about risk communication.

Training Calendar

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



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Send your product, personnel, or event news to Caitlyn.McCrary@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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