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,

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.

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.