



DIGITAL COAST

CONNECTIONS

Dear Colleague,

Kids aren't the only ones going back to school in August. Coastal managers can too! We're talking about the online and in-person [training](#) opportunities that cover everything from [coastal community planning](#) and [green infrastructure](#) to [community-based social marketing](#). Take advantage of these great learning resources.

Don't stop there! Complete your coastal management summer reading list with articles from [Coastal Services](#) magazine, and then move on to our [Stories from the Field](#). Or if you're not in the reading mood, check out our [video gallery](#) for the Econ 120 video series, data registry how-tos, and more. Whatever your back-to-school needs, the Digital Coast has it covered.

Sincerely,

A handwritten signature in black ink that reads "Tricia Ryan" followed by a horizontal flourish.

Tricia Ryan
Engagement, Training, and Education Program Manager
NOAA Coastal Services Center



Stories from the Field

Digital Coast Data and Tools in Action

[Providing Climate Education Aids for a Changing Chesapeake Bay](#)

Teachers often find that climate change is a difficult topic to educate students about. Teachers in the Gloucester and Mathews areas (fronting the Chesapeake Bay) requested help in identifying the most beneficial data, tools, and resources for climate change education. Climate Education for a Changing Bay, a program offered through the [Chesapeake Bay National Estuarine Research Reserve](#), brings the classroom out into the field while providing teacher professional development. During its pilot year, this program reached approximately 75 students and five teachers with classroom visits, schoolyard field experiences, and a second field experience at the research reserve in Virginia. Contact your local reserve to

Data Updates

Elevation

- 2005 Alaska Division of Geological and Geophysical Surveys Lidar: Unalakleet
- 2005 National Science Foundation: Plum Island (MA)
- 2009 South Carolina Department of Natural Resources Lidar: Berkeley County
- 2009 South Carolina Department of Natural Resources Lidar: Charleston County
- 2009 South Carolina Department of Natural Resources Lidar: Horry County
- 2010 Kure Atoll Northwestern Hawaiian Islands Lidar
- 2010 Laysan Northwestern Hawaiian Islands
- 2010 Lisianski Northwestern Hawaiian Islands
- 2010 Midway Atoll Northwestern Hawaiian Islands Lidar
- 2010 Pearl & Hermes

find similar learning opportunities.

[Identifying Restorable Wetlands in Ohio](#)

Lake Erie was once surrounded by 307,000 acres of healthy wetlands. Over the last two centuries, all but five percent of those wetlands have been drained or developed, resulting in significant ecological impacts. Using [lidar data](#) from Digital Coast, a local project team identified locations of potentially restorable wetlands within Ohio's Ottawa National Wildlife Refuge. Targeting these 585 acres led to increased habitat for certain fish and wildlife species and increased food supply for migrating birds. Obtain lidar data for your region from the Digital Coast.

Additional Updates

Updated Elevation Inventory Data Now Available

Save time. Save resources. Find out what elevation data sets are available and where to get them by using the newly updated [U.S. Interagency Elevation Inventory](#). This curated source of information about available elevation data can reduce duplication of effort in data collection and provides one source for finding and accessing data. Inventory users get a comprehensive, nationwide listing of high-accuracy topographic data, primarily lidar, as well as bathymetric data, including NOAA hydrographic surveys, multibeam data, and bathymetric lidar.

Training Calendar

See the trainings that are coming up on

- Northwestern Hawaiian Islands
- 2010 Pacific Gas & Electric Company Diablo Canyon Power Plant, Diablo Canyon, CA, Central Coast
- 2011 Pacific Gas & Electric Company Diablo Canyon Power Plant Lidar: Los Osos, CA, Central Coast
- 2011-2013 Indiana Office of Technology: Lake Michigan Watershed Counties
- 2012 Georgia Department of Natural Resources Lidar: Baldwin, Hancock, Morgan, Putnam Counties
- 2012 USGS Experimental Advanced Airborne Research Lidar-B Lidar: Post-Sandy (NJ)
- 2012 USGS Experimental Advanced Airborne Research Lidar-B Lidar: Pre-Sandy (NJ)
- 2013 NOAA Lidar: Oahu
- 2013 Pacific Gas & Electric Company Diablo Canyon Power Plant Lidar: San Simeon, CA, Central Coast

Land Cover

- 2005-2011 Hawaii Oahu High Resolution Land Cover Change
- 2011 Hawaii Oahu High Resolution Land Cover

News from our Coastal Colleagues

[Save the Date: Coastal GeoTools is Back!](#)

the [trainings calendar](#).

Building off the success of past GeoTools conferences, the Association of State Floodplain Managers is hosting [Coastal GeoTools 2015](#). Join your fellow coastal management data professionals, March 30 to April 2, 2015, in North Charleston, South Carolina, 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. Look for the Call for Abstracts in August 2014.



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