



# DIGITAL COAST

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## CONNECTIONS

Dear Colleague,

This March, the Digital Coast is getting into the playoff spirit by celebrating *#PrepMadness*—and making sure coastal managers have what they need to prepare their communities for the next hazard or disaster.

Fill your bracket with tools and resources from the [Digital Coast](#) and you're sure to score points for your community!



Nicholas Schmidt  
Chief, Science and Geospatial Division  
NOAA Office for Coastal Management



# Stories from the Field

Digital Coast Data and Tools in Action

## Partnering to Develop High Quality Land Cover Products

Producing land cover data is expensive and requires technical expertise and time that many agencies don't have. NOAA's Digital Coast provides a starting place by offering [regional land cover data](#). Working with the Digital Coast team, state and local organizations often can build on these foundational data sets to get what they need at a much lower cost. [See this wetland mapping example from the Washington Department of Ecology](#).

## Understand Local Flooding Issues and Potential Solutions

For many communities flooding events are expected to increase because of increasing storm frequency and urban development. Each flooding event has the potential to cause major damage and cost cities millions of dollars. Getting community residents to understand the risk and undertake measures to mitigate impacts can be difficult. Realistic visualizations can help. [See how Minnesota Sea Grant partnered with NOAA Digital Coast](#) to accomplish this task.

# Additional Updates

## Explore Past Hurricane Tracks and Information – Now Easier Than Ever

The Historical Hurricane Tracks tool everyone loves is now better than ever. Not only does it include tracks through 2014, but it also boasts enhanced search functionality and mobile compatibility. Easily download the tracks data, share the viewer, or print the map, right from the main tool. [Try it now!](#)

**Training Calendar** See the trainings that are coming up on the [trainings](#)

# Data Updates

New and Updated Data Sets

## Elevation

- 2006 Federal Emergency Management Agency Lidar for Coastal Rhode Island
- American Recovery and Reinvestment Act Lidar from 2007 for Lake County, Illinois and 2010 for Eklutna Glacier, Alaska
- 2009 U.S. Geological Survey (USGS) Lidar for Wayne and Washtenaw, Michigan
- 2011 USGS Lidar for Orange County, California and Saginaw Bay, Michigan
- 2012 USGS Lidar for Brooks Camp, Alaska and Dickinson, Michigan
- 2013 Alaska Division of Geological and Geophysical Surveys Lidar for Golovin, Alaska
- 2013 USGS Elevation Lidar for Atchafalaya and Jean Lafitte, Louisiana

## Land Cover

- Hawaii Molokai High Resolution Land Cover Change
- 2010 Hawaii Molokai High Resolution Land Cover

## Physical and Oceanographic

- Benthic Cover
- High Frequency Radar Locations (updated)
- High Frequency Radar Radial Ranges (updated)
- Pacific Northwest Physiographic Habitat (MarineCadastre.gov only)
- Pacific Northwest Predicted Outcrop (MarineCadastre.gov only)
- Pacific Northwest Primary Lithological Habitat (MarineCadastre.gov only)

[calendar.](#)

## News from our Coastal Colleagues

### GeoTools Registration Is Still Open!

There's still time to [register](#) for Coastal GeoTools, the premier conference for geospatial technology professionals in the coastal management field. Don't miss the chance to gather with 350 of your peers and hear about the latest tools and technology. Dawn Wright, Esri's chief ocean scientist, will open the conference—and the tools showcase is not to be missed. Seats are limited, so reserve your spot today!



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

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## Ocean Uses and Planning Areas

- Outer Continental Shelf Draft Proposed Program Areas 2017-2022 and Draft Proposed Program Withdrawal Areas 2017-2022
- Ocean Disposal Sites (currently only Mid-Atlantic through Northeast)
- Pilot Boarding Areas
- Bureau of Ocean Energy Management Wind Planning Areas (updated)
- Active Renewable Energy Leases (updated)
- Wind Energy Areas, February 2011 (removed)

## Marine Habitat

- Critical Habitat Designations (added Rockfish data from NMFS)