



DIGITAL COAST

CONNECTIONS

Dear Colleague,

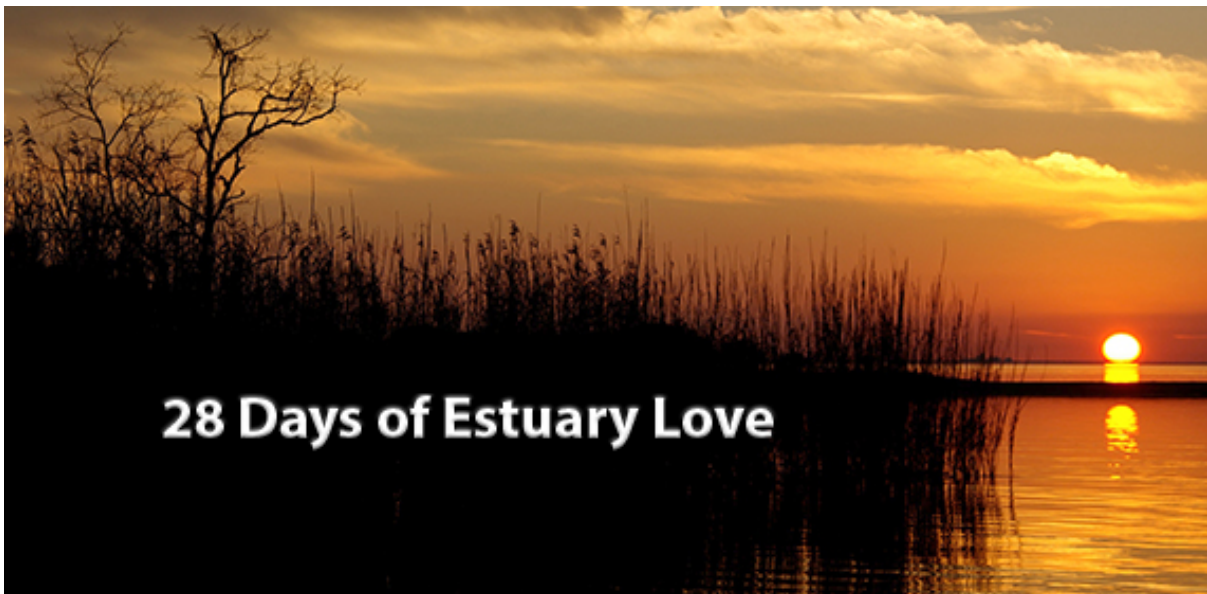
Not only is an estuary beautiful, but this hardworking resource filters pollutants, soaks up potential floodwaters, and buffers uplands from storms. What's not to love?

Use the Digital Coast's [Land Cover Atlas](#) to show your estuary some love. This information tool gives you a big picture view of local conditions and how things change over time. This information is also helpful when determining viable options for restoring wetlands and other important habitats. Find this tool and more on the [Digital Coast](#).

A handwritten signature in black ink, appearing to read "Nate Herold".

Nate Herold
Physical Scientist
NOAA Office for Coastal Management

PS: February is National Estuaries Month. [Learn more](#) about estuary benefits.



28 Days of Estuary Love

Stories from the Field

Digital Coast Data and Tools in Action

Mapping the Ocean's Recreational Uses

Creating a recreational use data set involves gathering first-hand ocean use data from a variety of users, which is a time-consuming task. NOAA has designed a process that is much more efficient and effective—user workshops. Visit [this website](#) to learn more about the process. The Digital Coast and the Mid-Atlantic Regional Council on the Ocean used this process very successfully. Learn more [here](#).

Visualizing Local Sea Level Rise Scenarios

As a small, isolated Pacific island, Saipan is susceptible to the impacts of climate change and sea level rise. The island's coastal resource management division needed inundation maps to expand community mitigation planning and stakeholder education efforts. Working with NOAA's Office for Coastal Management, the agency added [inundation data](#) for Saipan into the Digital Coast's [Sea Level Rise Viewer](#). The resulting inundation visualizations helped island officials update their planning efforts and integrate sea level rise education into schools. Learn more [here](#).

Additional Updates

Want to Make Sure your Project Rocks?

When it comes to big ideas and plans, communicating the envisioned result and designing a plan that gets you there isn't easy. Let the Digital Coast help! Schedule this two-day [Project Design and Evaluation](#) training course for the location and participants of your choosing.

Training Calendar See the trainings

Data Updates

New and Updated Data Sets

Elevation

- 2004 Southwest Florida Water Management District Lidar: Pasco County – Classified
- 2008 Florida Division of Emergency Management Lidar: Coastal Pasco County
- 2008 U.S. Army Corps of Engineers (USACE) Lidar: Truckee (Nevada)
- 2011 U.S. Geological Survey (USGS)-Federal Emergency Management Agency (FEMA) Lidar: King William County (Virginia)
- 2011 USGS-FEMA Lidar: Virginia Southern Counties
- 2012 FEMA Lidar: Middle Counties (Virginia)
- 2012 USACE Topobathy Lidar: Gulfport (Mississippi)
- 2012 USGS Experimental Advanced Airborne Research Lidar-B Lidar: Post-Sandy, Barnegat Bay (New Jersey)
- 2012 USGS-FEMA Lidar: Northern Counties (Virginia-North)
- 2012 USGS-FEMA Lidar: Northern Counties (Virginia-South)
- 2012 USGS-FEMA Lidar: Virginia Southern Cities
- 2013 USACE Topobathy Lidar: St. Marys River (Michigan)
- 2014 Puget Sound Lidar Consortium Lidar: City of Redmond

Imagery

- 2011 Cape May, New Jersey Mean Lower Low Water (MLLW) Integrated Ocean and Coastal Mapping (IOCM) Digital Sensing System(DSS) Infrared 8 Bit Imagery
- 2011 Cape May, New Jersey

that are coming up on the [trainings calendar](#).

News from our Coastal Colleagues

New Interactive Storm Surge Inundation Map

A [new interactive story map](#) displays storm surge flooding scenarios for the entire U.S. using different hurricane strength scenarios. Storm surge can affect areas several miles inland from the shore, a fact made clear with this map. The National Hurricane Center hopes people will use the tool to determine if they might be at risk—and then plan for the next tropical storm or hurricane before it hits.

- MLLW IOCM DSS Natural Color 8 Bit Imagery
- 2012 Casco Bay, Maine MLLW IOCM DSS Infrared 8 Bit Imagery
- 2012 Casco Bay, Maine MLLW IOCM DSS Natural Color 8 Bit Imagery
- 2012 Port Hueneme, California MLLW IOCM DSS Infrared 8 Bit Imagery
- 2012 Port Hueneme, California MLLW IOCM DSS Natural Color 8 Bit Imagery
- 2013 Cape Lookout, North Carolina Mean High Water (MHW) IOCM DSS Infrared 8 Bit Imagery
- 2013 Cape Lookout, North Carolina MHW IOCM DSS Natural Color 8 Bit Imagery
- 2013 Eastport, Maine MHW IOCM DSS Infrared 8 Bit Imagery
- 2013 Eastport, Maine MHW IOCM DSS Natural Color 8 Bit Imagery
- 2013 Hilton Head, South Carolina MLLW IOCM DSS Infrared 8 Bit Imagery
- 2013 Hilton Head, South Carolina MLLW IOCM DSS Natural Color 8 Bit Imagery
- 2013 Santa Rosa Island, Florida MLLW IOCM DSS Infrared 8 Bit Imagery
- 2013 Santa Rosa Island, Florida MLLW IOCM DSS Natural Color 8 Bit Imagery
- 2013 Timbalier Island, Louisiana MHW IOCM DSS Infrared 8 Bit Imagery
- 2013 Timbalier Island, Louisiana MHW IOCM DSS Natural Color 8 Bit Imagery
- 2014 Baltimore, Maryland IOCM DSS Natural Color 8 Bit Imagery
- 2014 Bulls Bay, South Carolina MHW IOCM DSS Infrared 8 Bit Imagery
- 2014 Bulls Bay, South Carolina MHW IOCM DSS Natural Color 8 Bit Imagery
- 2014 Bulls Bay, South Carolina

- MLLW IOCM DSS Infrared 8 Bit Imagery
- 2014 Bulls Bay, South Carolina MLLW IOCM DSS Natural Color 8 Bit Imagery
- 2014 Cairo, Georgia Digital Mapping Camera (DMC) 4-Band 8 Bit Imagery
- 2014 Camilla, Georgia DMC 4-Band 8 Bit Imagery
- 2014 Casino Creek, South Carolina MHW IOCM DSS Infrared 8 Bit Imagery
- 2014 Casino Creek, South Carolina MHW IOCM DSS Natural Color 8 Bit Imagery
- 2014 Casino Creek, South Carolina MLLW IOCM DSS Infrared 8 Bit Imagery
- 2014 Casino Creek, South Carolina MLLW IOCM DSS Natural Color 8 Bit Imagery
- 2014 Coosaw, South Carolina MLLW IOCM DSS Infrared 8 Bit Imagery
- 2014 Coosaw, South Carolina MLLW IOCM DSS Natural Color 8 Bit Imagery
- 2014 Everglades, Florida IOCM DSS Infrared 8 Bit Imagery
- 2014 Everglades, Florida IOCM DSS Natural Color 8 Bit Imagery
- 2014 Grady County, Georgia DMC 4-Band 8 Bit Imagery
- 2014 Horry County, South Carolina ADS80 4-Band 8 Bit Imagery
- 2014 Lee County, Georgia DMC 4-Band 8 Bit Imagery
- 2014 Marion County, Georgia DMC 4-Band 8 Bit Imagery
- 2014 Mitchell County, Georgia DMC 4-Band 8 Bit Imagery
- 2014 Mobile, Bay Alabama MLLW IOCM DSS Infrared 8 Bit Imagery
- 2014 Mobile, Bay Alabama MLLW IOCM DSS Natural Color 8 Bit Imagery
- 2014 Perdido Bay, Alabama MLLW IOCM DSS Infrared 8 Bit

Imagery

- 2014 Perdido Bay, Alabama
MLLW IOCM DSS Natural Color 8 Bit Imagery
- 2014 San Francisco Bay South, California
MLLW IOCM DSS Infrared 8 Bit Imagery
- 2014 San Francisco Bay South, California
MLLW IOCM DSS Natural Color 8 Bit Imagery
- 2014 Saul Creek, Florida
MHW IOCM DSS Infrared 8 Bit Imagery
- 2014 Saul Creek, Florida
MHW IOCM DSS Natural Color 8 Bit Imagery
- 2014 Schley County, Georgia
DMC 4-Band 8 Bit Imagery
- 2014 Sylvester, Georgia
DMC 4-Band 8 Bit Imagery
- 2014 Timbalier Island, Louisiana
MLLW IOCM DSS Infrared 8 Bit Imagery
- 2014 Timbalier Island, Louisiana
MLLW IOCM DSS Natural Color 8 Bit Imagery
- 2014 Webster County, Georgia
DMC 4-Band 8 Bit Imagery
- 2014 Winyah Bay, South Carolina
MLLW IOCM DSS Infrared 8 Bit Imagery
- 2014 Winyah Bay, South Carolina
MLLW IOCM DSS Natural Color 8 Bit Imagery

Land Cover

- 1992-2001 Hawaii C-CAP
Regional Land Cover Change
- 2001-2005 Hawaii C-CAP
Regional Land Cover Change
- 2005-2011 Hawaii Lanai High
Resolution Land Cover Change
- 2011 Hawaii Lanai High
Resolution Land Cover



Facebook



Twitter



Website

Copyright © 2015 NOAA Office for Coastal Management, All rights reserved.

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.

[unsubscribe from this list](#) [update subscription preferences](#)