

DIGITAL COAST CONNECTIONS



March 2019

New Data, New Resources



Digital Coast

- **Story from the Field** – [Using Green Infrastructure to Reduce Coastal Hazard Impacts in Alaska](#)
- **Data** – See [the list](#) of new and updated data sets



Office for Coastal Management

- **NOAA Coastal Management Fellows** – [January News](#)
- **State Story Database** – Read the [most recent stories](#).

Tech Topics

Choose Your View Wisely

How do you fit a round globe onto a flat square map? Cartographers have come up with different solutions to this mapping challenge over the centuries, so all maps are not created equal. For example, some “projections” make Alaska look as large as Canada, while others cut the globe to flatten it. Datums, coordinate systems, and projections determine how you see your 3D data in a 2D space. This is especially important for the Pacific, a region that is typically split within a projection, making it look especially skewed.

Understanding the different projections is the first step in determining which approach best suits your needs. This [self-guided training](#) will help you make sense of it all.

Stories from Your Peers

Septic System Campaign Safeguards Waterways and Public Health

About 60,000 households in Indiana's coastal counties use home septic systems, but not everyone knows how to maintain them properly. That lack of awareness has led to costly backups and overflows that contaminate waterways with *E. coli* and endanger public health. The Indiana Lake Michigan Coastal Program worked with partners to educate thousands of homeowners and officials on actions that alleviate these dangers. Catchy tips, such as, "Don't Overload the Commode," "Don't Strain Your Drain," and "Protect It and Inspect It," have worked to reach a variety of audiences.

- Read the [full story](#).



Tips from the Digital Coast Academy

Think Outside the Box to Build Local Flood Awareness

When the flood administrator of Pinellas County, Florida, needed to increase public awareness about flood risks, she looked to the real estate community to help her succeed. By designing a training to educate real estate professionals about flood zones and impacts, she gave them the right tools to inform potential buyers.

Real estate professionals are just one of many groups coastal managers can tap to achieve their goals. Think about where your audience turns for information.

Read more about how Pinellas County [tackled this issue](#) and explore other [case studies](#) for more help.

Fast Facts



Economic Benefits from Reducing Marine Debris in Orange County, California

Debris Reduction	Economic Benefit (in millions of dollars)
25%	\$32
50%	\$67
75%	\$106
100%	\$148



From a study of 31 beaches in Orange County, California, conducted by NOAA's Marine Debris Program. Projected savings is over a period of three months.

Source: NOAA's Marine Debris Program

This is just one of the many coastal management [fast facts and graphics](#) provided for your use. See the [list](#) here, and let us know if you have others you'd like to see added.

Feedback? Please!

This newsletter is created for coastal professionals dedicated to keeping coastal communities safe and productive. Please provide any feedback you may have to coastal.info@noaa.gov



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