July 2024

New Data, New Resources

Digital Coast **– Your Coastal Information Resource**

- **Story from the Field** – Assessing Tidal Marshes to Rank Resilience
- **Story from the Field** – Using Trusted Ocean Data to Define Wind Energy Areas in Oregon
- **Story from the Field** – Applying the Marine Economy Framework to Inform the Economic Value of the Tampa Bay Estuary System
- **Data** – See the list of new and updated data sets.

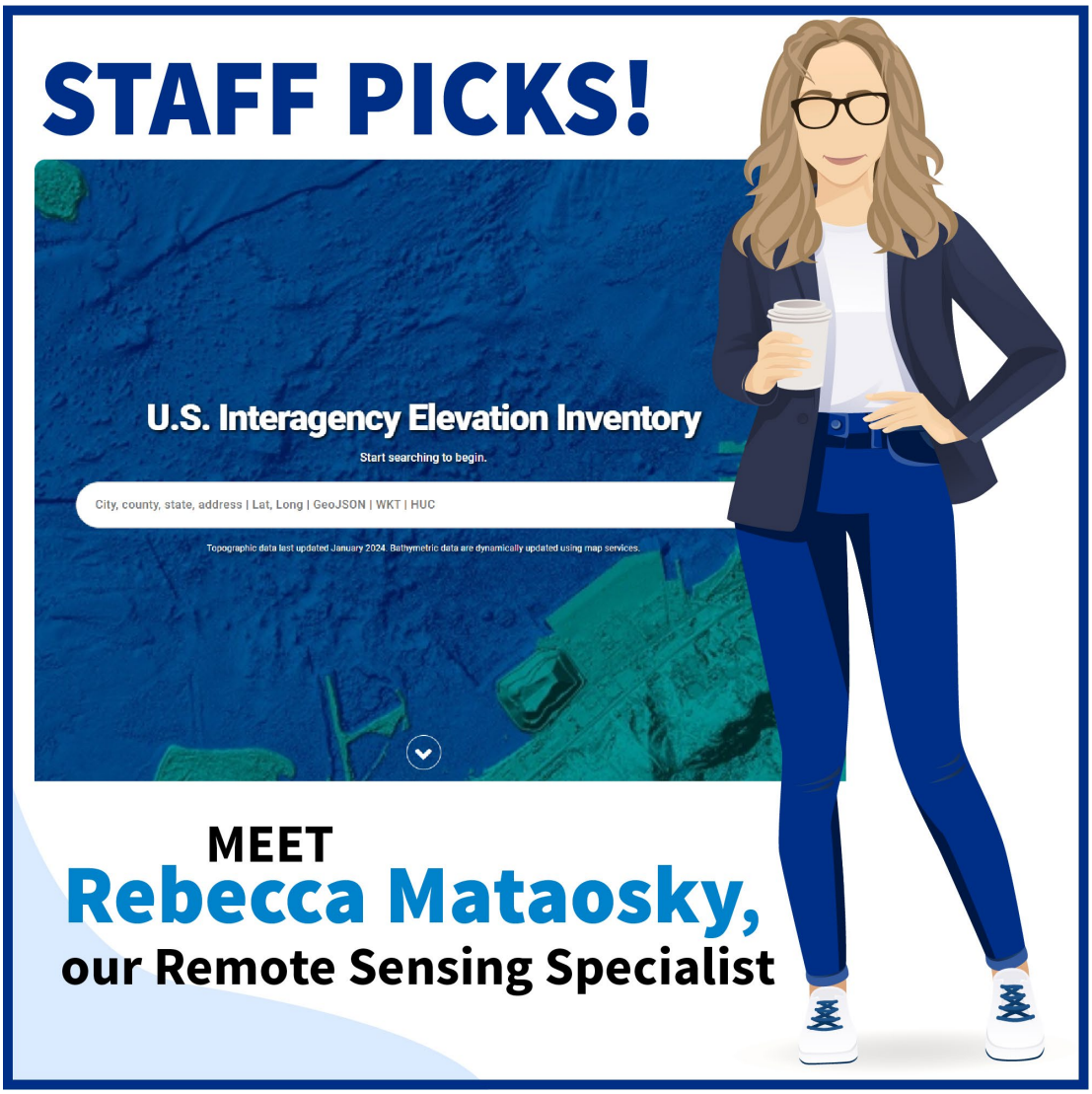
Office for Coastal Management

- Learn more about the 2024 funding opportunities for Coastal Zone Management Programs and National Estuarine Research Reserves.
- Explore the complete list of state impact stories and use them in your communication efforts. The most recent stories are at the top.
- Learn more about the historic Bipartisan Infrastructure Law funding.

Upcoming Training

- Effective Strategies for Advancing Flood Resilience, Coastal Inundation Community of Practice. August 27, 2 to 3:30 p.m. Eastern.

Staff Picks



The U.S. Interagency Elevation Inventory
Why Rebecca loves it: This resource makes it easier for everyone from government agencies to individual researchers to find and use elevation data across the United States and its territories. It's a one-stop shop that includes completed and in-progress public domain elevation data.

What makes it so great: The inventory is updated every quarter through a partnership of federal agencies, which ensures everyone has the latest information available. Users can download this data in two different formats—Esri File Geodatabase format or Open Geospatial Consortium GeoPackage format—or use it directly in their own software tools via map services.

Reach out to *coastal.info@noaa.gov* with any questions (you might just get a response from Rebecca).

Tech Topics

Plan Ahead for High Tide Flooding
Road closures, storm drain overflows, or even damage to community infrastructure are all potential impacts from high tide flooding. This tool from NOAA's Center for Operational Oceanographic Products and Services has information that helps users plan for and mitigate impacts. View the monthly outlook for the day-by-day likelihood of high tide flooding in your location. View the annual outlook for flooding predictions for the next year, regional summaries, decadal projections, and sea level rise scenarios.

Stories from Your Peers

Transforming New York's Hudson Riverbanks
The Hudson River is undergoing a remarkable transformation, moving from its industrial past to a more natural and resilient future. The goal is to create stable shorelines that combat erosion and provide additional benefits, including added wildlife habitat. With test sites from New York City to Albany, this three-mile restoration demonstrates the effectiveness of a nature-based approach. The impact of this effort extends beyond the Hudson, influencing communities and regulators across the Northeast and the Great Lakes.

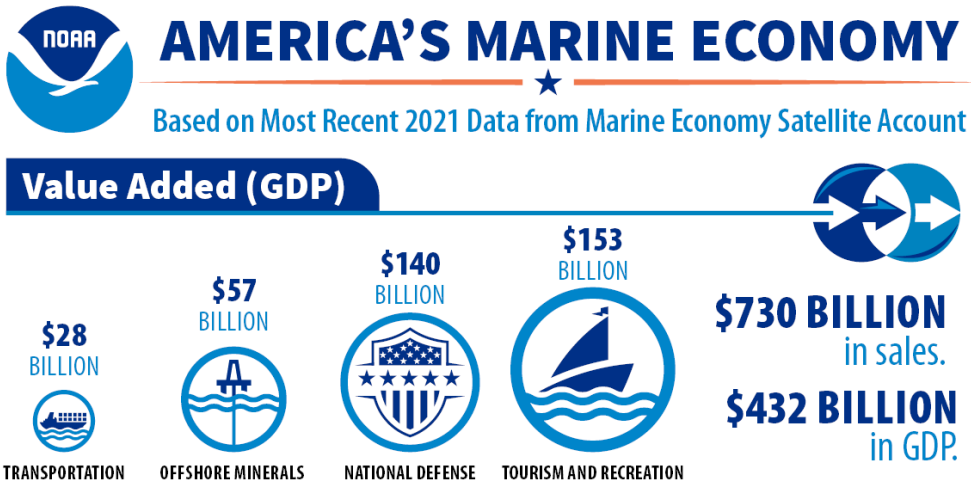
- To learn more, read the full story here.

Tips from the Digital Coast Academy

Innovative Green Infrastructure Project Has Diverse Funding and Financing Portfolio
After dealing with repeat flooding events, the community of Clear Lake City, Texas, is turning a proposed development project into park space that doubles as a means of flood

protection. Through the power of partnership and by taking advantage of a variety of funding and financing opportunities, the community is already seeing benefits. Learn the mechanisms the municipality used to transform a defunct golf course into a 200-acre urban green space that provides the community with an innovative solution for their stormwater flooding and recreational needs. The takeaways? Listen to community members, be patient, and find creative ways to pay for your project.

Fast Facts



This is just one of the many coastal management fast facts and graphics provided for your use. Read the list and let us know if there are others you'd like to see added.

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