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unding will support NOAA's efforts to provide ommunities with decision-making tools and information ecessary for coastal resilience

cus areas: Ocean & Coasts

lation Reduction Act, technology & innovation, coastal communities,

astal ecosystems, America the Beautiful

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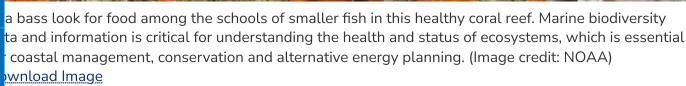
PDATED: June 27, 2024. The project name listed for Rhode Island was corrected to eep Ocean Research & Imaging System."

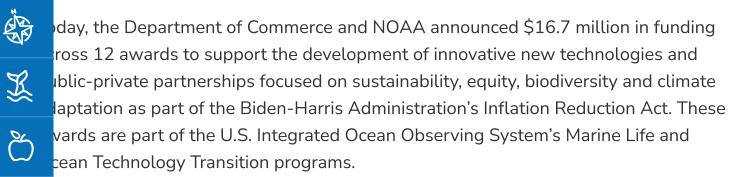
ine 27, 2024



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o tackle climate change nationwide, we have to better understand and manage our asts," said U.S. Secretary of Commerce Gina Raimondo. "These awards will advance we technologies needed to gain critical insights into the status and health of our astal ecosystems."

nese 12 awards recommended for funding [PDF] are:

elaware

University of Delaware/Mid-Atlantic Regional Association Coastal Ocean
 Observing System is recommended to receive \$1,750,000 to establish and
 develop a Marine Biodiversity Observation Network (MBON) for the Mid-Atlantic
 coast.

elaware/Florida/Canada



Observation Network and the Animal Tracking Network to assess and monitor biodiversity hotspots where marine megafauna share habitat.



<u>assachusetts</u>

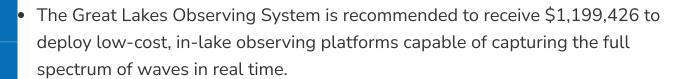


 Woods Hole Oceanographic Institution is recommended to receive \$1,197,911 to develop and implement more robust, real-time monitoring of harmful algal blooms via satellite-based telemetry.



<u>ichigan</u>







• The University of Michigan is recommended to receive \$1,750,000 for the Great Lakes Marine Biodiversity Observation Network to assess biodiversity, habitat and key ecosystem functions in the region to meet stakeholders' information needs.



<u>ontana</u>



 The University of Montana is recommended to receive \$935,976 to develop an in situ system for combined pH and alkalinity measurements that will improve our understanding of the magnitude of ocean acidification and its effect on marine organisms.

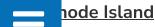


<u>ew Hampshire</u>

- Northeastern Regional Association of Coastal Ocean Observing Systems (NERACOOS) is recommended to receive \$1,900,000 to continue and expand the Gulf of Maine Marine Biodiversity Observation Network.
- NERACOOS is recommended to receive \$1,198,592 to transition an existing
 National Data Buoy Center meteorological buoy into a multi-purpose ecosystem
 monitoring buoy that would provide in situ real-time data and information on
 ocean conditions for the Stellwagen Bank National Marine Sanctuary.
- NERACOOS and MARACOOS are recommended to receive \$1,189,353 to streamline the integration and distribution of metocean data from offshore wind operations across the U.S. to marine stakeholders.

<u>regon</u>

Oregon State University is recommended to receive \$1,750,000 to continue
development of the Northern California Current Marine Biodiversity Observation
Network with an established community of resource managers, tribal partners
and stakeholders.



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The Ocean Discovery League is recommended to receive \$1,199,918 to develop a
deep-diving, low-cost Deep Ocean Research & Imaging System, to lower the
financial and technical barriers to deep-sea exploration and research.

<u>ashington, D.C./Puerto Rico/U.S. Virgin Islands</u>

 The Ocean Foundation is recommended to receive \$924,644 to assess the emerging threat of sargassum inundation on coastal ocean acidification in the U.S. Caribbean by streamlining and operationalizing existing observing technologies and deploying them in the region.

hese projects are foundational elements for building resilient communities," said cole LeBoeuf, director of NOAA's National Ocean Service. "New, innovative and costfective tools and systems to observe more of our coastal waters and gain a more mprehensive understanding of marine ecosystems to support good decision making e essential for efficient and sustainable use of our coasts."

he Marine Life awards advance a nationwide effort to establish a sustained odiversity research and observing system for the nation. These projects will provide ita, information and tools to understand the health and status of ecosystems, which essential for coastal resilience and management, conservation and alternative ergy planning. The Ocean Technology Transition awards support new technologies at address known requirements, such as improving harmful algal bloom monitoring id bringing new, lower-cost technologies to market to fill data and information gaps, timately increasing our ability to efficiently monitor and forecast environmental nditions and increase the resilience of coastal communities to climate change.

ease visit NOAA's <u>Inflation Reduction Act</u> website to learn about current and future nding opportunities.

imate, weather, and water affect all life on our ocean planet. NOAA's mission is to iderstand and predict our changing environment, from the deep sea to outer space, id to manage and conserve America's coastal and marine resources.

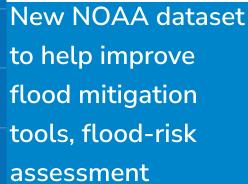
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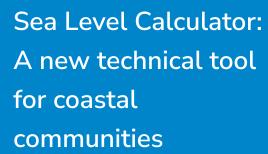
mberly Rodgers, <u>kim.rodgers@noaa.gov</u>, (771) 233-3988.













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