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# Biden-Harris Administration announces \$34 million to modernize NOAA Fisheries' data, infrastructure and workforce

Funding aims to accelerate data distribution capabilities to meet climate-related mission demands

**Focus areas:** [Fisheries](#) **Topics:** [Inflation Reduction Act](#), [data](#)

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August 15, 2024



This underwater instrument onboard a NOAA Fisheries vessel is testing cloud storage solutions for NOAA Fisheries' research. Improvements in the technological and data management infrastructure are critical for fisheries management, species conservation and other important work. Undated image. Image credit: Courtesy of Phil LaMothe)

Today, the Biden-Harris Administration announced more than \$34 million in [Inflation Reduction Act](#) (IRA) funding towards grants, cooperative institutes, contracts and federal employment to modernize NOAA Fisheries' data, infrastructure and workforce. This effort aims to meet the pace of climate-related mission demands and is a key component of President Biden's Investing in America agenda.

"Rapidly changing oceanic conditions, such as shifts in marine species' distribution and abundance greatly impacts businesses and coastal communities that rely on these resources," said U.S. Secretary of Commerce Gina Raimondo. "This investment, made possible thanks to the Biden-Harris Administration's Investing in America agenda, will help modernize data delivery in support of the nation's \$370 billion fishing industry."

Across the U.S., NOAA is tackling the challenge of understanding and mitigating the impacts of climate change on coastal and marine resources, while striving to safeguard habitats, restore endangered species and build healthier and more resilient ecosystems.

This investment will optimize workflows and integrate technological advancements such as cloud computing and Open Science solutions to ensure data accessibility. It will also fund training efforts to reskill the workforce — preparing them to adopt new technologies that provide open, accessible and responsive information systems that meet rapidly evolving mission demands associated with climate change. Modernizing NOAA Fisheries' data systems will streamline access to digital information, giving



...shing industry practitioners the real-time tools they need to make decisions and  
...lvance sustainability in the face of climate change.



NOAA Fisheries' short-term data modernization efforts will drive significant long-  
term changes by enhancing our capacity to deliver mission-critical information,



meeting survey and fishery data requirements and transition into a modern data era,”  
said Janet Coit, assistant administrator for NOAA Fisheries. “This investment aligns



with NOAA Fisheries’ existing data work, supplements appropriated funding and  
supports other regional priority efforts.”



projects will leverage longstanding cooperative institute partnerships with universities  
across the country to provide scientific and analytical expertise. Using advanced



technology and integrating social science will create more accessible and dependable  
data collection platforms and tools for the future.



NOAA Fisheries is beginning the distribution of these funds by awarding the  
organization [Openscapes](#) [↗](#) approximately \$1 million to support the adoption of [open](#)



[science practices](#), which will help modernize the way NOAA Fisheries collaborates on  
data-intensive science and improve the efficiency and quality of their scientific



products.



This funding is part of the historic [\\$3.3 billion in Inflation Reduction Act investments](#) to  
NOAA, first announced in June 2023, which is focused on ensuring America’s



communities and economies are ready for and resilient to the effects of climate  
change.

Visit NOAA's [Inflation Reduction Act](#) website to learn about current and future funding  
opportunities.

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Climate, weather, and water affect all life on our ocean planet. [NOAA's mission](#) is to  
understand and predict our changing environment, from the deep sea to outer space,  
and to manage and conserve America’s coastal and marine resources.

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