



# NANOOS FUNDING AT RISK

*Here's how it could affect you*

The Northwest Association of Networked Ocean Observing Systems (NANOOS) provides critical coastal forecast and data that support national security, mariner and public safety, economic stability, international competitiveness, and public health. Eliminating or reducing funding would have far-reaching consequences to our community and economy.

## WHAT IS AT STAKE?

### SAVING LIVES & TAXPAYER DOLLARS

#### SAFETY AT SEA

NANOOS funds coastal radars tracking surface currents that can increase the efficiency and accuracy of search and rescue operations as well as identify and guide safe routes for navigation. *"I look at it every time I go out and depend on the information to get me where I need to go and get me back safely."*

#### TSUNAMI EVACUATION

NANOOS works with state agencies in Oregon and Washington to provide our publicly available tsunami evacuation route web and smartphone apps, a life-saving planning tool. *"By using the app we're improving our preparedness for evacuation routes and without it, we'd be a step behind."*

#### NAVIGATION + PORTS

NANOOS funds models and real-time wave data at ports and off our dangerous coasts, aiding bar pilots and all mariners for safe and informed passage, reducing risk. *"We rely on forecasts, real time buoy data, and wave and current models. NANOOS provides an excellent location for us to see and compare all the available data."*

### PROTECTING JOBS & ECONOMIC GROWTH

#### SEAFOOD COMPETITIVENESS

NANOOS' network of real-time sensors and forecast models informs shellfish growers when most favorable growing conditions occur, working with the industry to get them the data they need. This protects jobs and hardens U.S. seafood markets from international competition. *"This current generation of shellfish farmer is reliant upon data and services from NANOOS."*

#### FISHING COMMERCE SUPPORT

NANOOS funded models and real-time buoy data are combined into an app that easily shows information for both vessel safety and favorable fish conditions. *"This excellent product benefits sport and commercial anglers directly, letting us be more effective and safe at the same time. This is what good government looks like and we need to protect these services."*

#### TECHNOLOGICAL INNOVATION

NANOOS partners with industries to enhance the effectiveness of technologies, thus increasing their marketability. We worked to adapt an autonomous device to remotely sample water for analysis to warn against shellfish harvest in the presence of toxins, and we are creating an expanded market for lower cost sensors to warn fishermen of low oxygen that could kill crab.

### PROTECTING HEALTH & COASTAL COMMUNITIES

#### PUBLIC HEALTH SAFEGUARDING

NANOOS partners with and funds networks to sample, analyze for algal toxins, and post a bulletin to warn managers and public health officials who are responsible for issuing shellfish harvesting closures. Accuracy is vital: a non-closure can cost lives; a closure costs economic vitality. *"Early warning of risk allows us to adjust sampling and better protect the health of coastal residents."*

#### RECREATIONAL SAFETY ON THE WATER

NANOOS funds forecast models and real-time buoys, and aggregates data from federal and other partners, combining these in user friendly apps for boaters, surfers, and beachgoers. *"NANOOS addresses a critical gap in recreational boater safety. I'm confident that it will save lives."*

#### SHORELINE PROTECTION

NANOOS data are used by state agencies in Oregon and Washington for coastal flood hazard maps, monitoring coastal erosion, and preparedness. *"Coastal erosion is a major threat in our county. The monitoring supported by NANOOS has helped us solve many of our immediate erosion and flooding threats, adding greater resilience."*

NANOOS is 1 of the 11 Regional Associations of IOOS serving the USA

The quotes above are excerpted from online document [https://www.nanoos.org/documents/key/nanoos\\_legislative\\_fact\\_sheet\\_2025.pdf](https://www.nanoos.org/documents/key/nanoos_legislative_fact_sheet_2025.pdf), including attributions.

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IOOS in the Pacific Northwest



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