

# About the trust

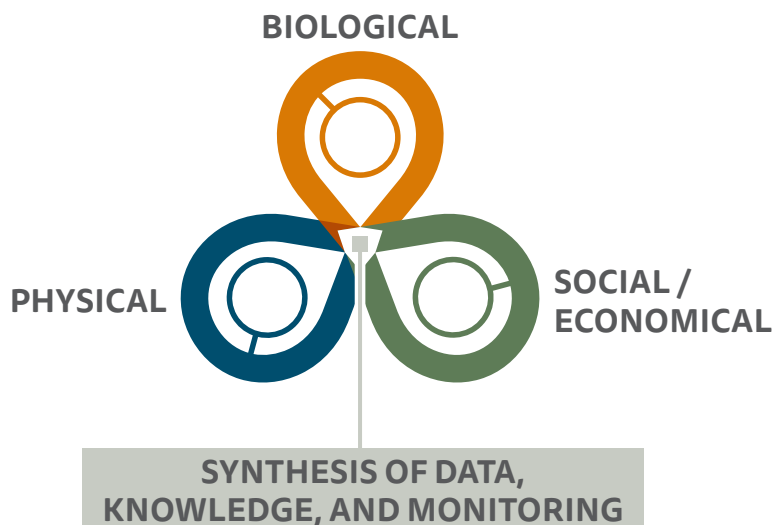
Established by the Oregon State Legislature in 2013, the Oregon Ocean Science Trust (OOST) secures and distributes funding to promote ocean and coastal knowledge, research, and monitoring to ensure the sustainable use of Oregon's resources, enhance coastal resilience, and support long-term ocean health for all Oregonians. The OOST operates at the nexus of physical, biological, and social and economic research, bringing the three together to holistically synthesize data and knowledge of our ocean and coastal resources.

## Where we add value

The Oregon Ocean Science Trust:

- Secures resources to support and fund ocean and coastal science monitoring specific to the needs of Oregon
- Leverages resources through partnerships
- Is nimble, responsible, and cost-effective, and not limited to biennial budget cycles
- Works to build a base of public support

## TYPES OF RESEARCH WE SUPPORT



## Our priorities

To date, the OOST has furthered important work to assess marine reserves, study ocean acidification and hypoxia, and collect information about Oregon's important nearshore resources. In 2023, the OOST hosted a summit that convened leading thinkers in ocean and coastal policy, management, and research to assess priorities and opportunities for the coming years. Based on this summit, the OOST has identified three key priorities:



### **Improve our understanding of changing ecosystem and species conditions.**

Characterize shifts in ecosystem structure and function, species life history, and biodiversity hotspots.



### **Enhance social well-being and resilience of ocean and coastal communities.**

Better understand the relationship between community well-being and coastal economy, including historic, current, and future ocean and coastal uses.



### **Operate the OOST with the highest standards of accountability, seeking long-term sustainable funding and capacity to achieve our mission.**

Conduct the work of the OOST in a fiscally-responsible manner, emphasizing actionable and transdisciplinary science and knowledge that informs ocean and coastal policy and management issues.

# Achieving our priorities

In the near term, the OOST aims to support science and monitoring that informs policy and management for three key issues:

- ① Carbon and climate impacts to ocean conditions
- ② Sustainable food production and fisheries
- ③ Coastal and ocean development and infrastructure



Our vision is to support science and monitoring projects



**Climate:** Identify the most appropriate and actionable climate solutions to protect, restore, and manage nearshore habitats as well as sequester carbon, improve coastal resiliency, and enhance adaptations to coastal hazards and sea level rise.

*Priorities this supports:* ① ② ③



**Knowledge and data gaps:** Identify and fill knowledge and data gaps, improve accessibility, and synthesize existing data. Explore development of new tools, such as AI. Support knowledge co-production.

*Priorities this supports:* ① ② ③



**Energy:** Build understanding of emerging ocean infrastructure and its effects on ecosystems and people.

*Priorities this supports:* ① ③



**Species and habitat:** Build and enhance capacity for long-term monitoring to develop indicators for resilience. Understand changes in species distribution and abundance with changing ocean conditions.

*Priorities this supports:* ① ②



**Fisheries:** Understanding the sustainability of populations of key species in the face of changing ocean conditions and high fishery demand.

*Priorities this supports:* ① ②

## FOR MORE INFORMATION

To learn more about the OOST and sign up to receive updates on funding opportunities:

- Visit [OregonOceanScience.com](https://OregonOceanScience.com)
- Email [OOST@OregonOceanScience.com](mailto:OOST@OregonOceanScience.com)
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