

Appendix B: Funding Needs for Actions

Below are preliminary estimated funding needs for the actions outlined in the Oregon Ocean Change Action Plan. Appropriate contacts for each of these actions and more specific projects can be provided by the OAH Council, Oregon Sea Grant, and/or the Oregon Ocean Science Trust.

Action	Step	Estimated Funding Needs
1	1. Allocate state funding for competitive grants and/or match to identify how to achieve ecosystem and economic resilience for Oregon.	\$200K-\$600K per project
1	2. Allocate state funds to support data collection, analysis, and modeling to inform strategies and/or actions that promote ecosystems that are resilient to ocean change.	\$50K-\$400K per project
1	3. Agencies will develop and implement best management practices (BMPs) for resilience to ocean change, based on best available ecosystem, economic, and policy research (as determined in Step 1) relevant to Oregon's estuaries and nearshore waters.	TBD
2	1. Allocate state funds to new and existing oceanographic research sites to monitor Oregon's changing ocean.	\$50K-\$500K biennial costs
2	2. Allocate state funds to invest in monitoring biological and ecological responses to changing ocean conditions.	\$25K-\$100K one-time or biennial costs
2	3. Allocate state funds to a socio-economic assessment to determine Oregon's vulnerabilities to ocean change.	TBD
3	1. Work with the Governor's Natural Resource Office to establish regular communication and coordination pathways with State agencies and other relevant regional groups to address excess CO ₂ and ocean change stressors locally and globally	—
3	2. Allocate state funds to support scientific research leading to recommendations on effective and efficient ways to reduce and remove excess CO ₂ in estuaries and nearshore waters.	\$200K-\$300K per project
3	3. Relevant state agencies, in coordination with OCAC, track trends in greenhouse gas emissions and implement recommendations to reduce and remove excess CO ₂ in estuaries and nearshore waters and encourage action, as identified in Step 2 and other relevant processes.	TBD
4	1. Revise the existing OAH communications plan to encompass ocean change so that state agencies and their Partners can implement it.	\$25K-\$50K one-time cost
4	2. State agencies and relevant Partners provide timely updates to the Oregon Legislature, other policy-makers, and affected communities in Oregon to inform decisions on how best to invest in ocean change research, adaptation, and mitigation.	—
5	1. The Governor issues a unifying direction to relevant state agencies and legislatively mandated climate councils and commissions to use this Action Plan to address ocean change.	—

Action	Step	Estimated Funding Needs
	2. The Governor’s Natural Resources Office provides leadership, coordination, and policy guidance to agencies on ocean change action priorities.	–
	3. State agencies implement measures to fill gaps, as described in agency ocean change planning (Step 1).	TBD
	4. The Oregon Climate Adaptation Framework, the Oregon Climate Action Roadmap, and other climate directives from OCAC incorporate ocean change, a major driver of Oregon’s climate.	–
	5. Maintain funding for the OAH Council so they can continue coordination on ocean change actions and consider adding the OAH Council as a member of OCAC to strengthen the ability of these two groups to combat ocean change.	TBD

