

Senate Bill 1554

Sponsored by Senator ROBLAN, Representatives MITCHELL, SMITH DB; Senators BEYER, DEMBROW, FREDERICK, GELSER, GOLDEN, HEARD, MANNING JR, MONNES ANDERSON, TAYLOR, WAGNER, Representatives CLEM, GOMBERG, HELM, PILUSO, SOLLMAN, WITT (Presession filed.)

SUMMARY

The following summary is not prepared by the sponsors of the measure and is not a part of the body thereof subject to consideration by the Legislative Assembly. It is an editor's brief statement of the essential features of the measure **as introduced**.

Appropriates moneys from General Fund to Oregon Ocean Science Fund, State Department of Fish and Wildlife, Higher Education Coordinating Commission and Oregon Department of Administrative Services for certain ocean program purposes.

Declares emergency, effective on passage.

A BILL FOR AN ACT

1
2 Relating to oceans; and declaring an emergency.

3 Whereas Oregon is an epicenter for the global manifestation of ocean acidification and hypoxia;
4 and

5 Whereas the natural seasonal process of upwelling transports corrosive waters into the
6 nearshore and estuaries, causing marine waters within this state's jurisdiction to be especially vul-
7 nerable to ocean acidification; and

8 Whereas ocean acidification, hypoxia and changes in ocean temperature are intensifying; and

9 Whereas Oregon has rich and vibrant wild marine fisheries, including shellfish fisheries; and

10 Whereas ocean acidification and hypoxia are known to cause mortality and reduced growth and
11 productivity in marine organisms, including in species that form the foundation of the marine food
12 web; and

13 Whereas negative impacts from ocean acidification, hypoxia or both have already been observed
14 in species that are commercially, culturally and economically important to this state, including
15 oysters, mussels and crabs; and

16 Whereas Oregon's coastal communities and economies are important to this state and are de-
17 pendent on a thriving marine ecosystem; and

18 Whereas ocean acidification and hypoxia severely endanger Oregon's commercially and cul-
19 turally significant ocean resources; and

20 Whereas Oregon has academic institutions with world-class expertise in ocean issues, including
21 ocean acidification and hypoxia; and

22 Whereas Oregon has played a leading role in fostering collaborative ocean acidification and
23 hypoxia monitoring, research and action; and

24 Whereas the partnerships between the shellfish industry and university scientists in this state
25 are an example to the nation for building innovative solutions to address ocean acidification and
26 hypoxia; and

27 Whereas the Ocean Policy Advisory Council has identified ocean acidification as a priority issue
28 for Oregon; and

29 Whereas the Oregon Ocean Science Trust has identified ocean acidification as a priority issue

NOTE: Matter in **boldfaced** type in an amended section is new; matter [*italic and bracketed*] is existing law to be omitted. New sections are in **boldfaced** type.

1 for research and monitoring funding; and

2 Whereas the Oregon Shellfish Task Force established under section 5, chapter 814, Oregon Laws
3 2015, and the Oregon Coordinating Council on Ocean Acidification and Hypoxia, through collab-
4 oration with Oregon stakeholders, have made recommendations to the Legislative Assembly on
5 strategic actions to address ocean acidification and hypoxia; and

6 Whereas strategic investments are necessary to address the risks and vulnerabilities caused by
7 ocean acidification and hypoxia that threaten the state's economy and ecosystems; now, therefore,

8 **Be It Enacted by the People of the State of Oregon:**

9 **SECTION 1. In addition to and not in lieu of any other appropriation, there is appropri-**
10 **ated out of the General Fund, for the biennium ending June 30, 2021, for deposit into the**
11 **Oregon Ocean Science Fund to be expended by the Oregon Ocean Science Trust, in consul-**
12 **tation with the Oregon Coordinating Council on Ocean Acidification and Hypoxia, in the form**
13 **of competitive grants, the following amounts:**

14 (1) \$100,000 for intertidal ocean acidification and hypoxia monitoring at Oregon marine
15 reserves;

16 (2) \$300,000 for subtidal ocean acidification and hypoxia monitoring at Oregon marine
17 reserves;

18 (3) \$100,000 for ocean acidification and hypoxia monitoring at Yaquina Bay;

19 (4) \$140,000 for ecosystem modeling of submerged aquatic vegetation;

20 (5) \$25,000 to develop recommendations, through workshops or seminars, for maximizing
21 the abundance of wild shellfish, cultured shellfish and submerged aquatic vegetation in
22 estuaries in Oregon;

23 (6) \$150,000 to develop best management practices for conducting shellfish cultivation in
24 a manner that protects or promotes estuarine health;

25 (7) \$180,000 to fund a study on the life cycle impacts of ocean acidification and hypoxia
26 on shellfish species that are of importance to Oregon; and

27 (8) \$65,000 to develop a communications plan and strategy for outreach and education on
28 ocean acidification and hypoxia impacts, science and solutions.

29 **SECTION 2. In addition to and not in lieu of any other appropriation, there is appropri-**
30 **ated out of the General Fund, for the biennium ending June 30, 2021, to the State Department**
31 **of Fish and Wildlife:**

32 (1) \$420,000 for the shellfish and estuarine assessment of coastal Oregon project;

33 (2) \$50,000 to conduct estuary mapping for long-term documentation of ocean
34 acidification and hypoxia impacts;

35 (3) \$90,000 to support interim monitoring during the report and evaluation of marine re-
36 serves as described in ORS 196.540 and 196.545; and

37 (4) \$250,000 to support the scientific and technical advisory committee of the Ocean Pol-
38 icy Advisory Council to contract with a university to research and prepare the reports re-
39 quired under section 4, chapter 27, Oregon Laws 2012.

40 **SECTION 3. In addition to and not in lieu of any other appropriation, there is appropri-**
41 **ated to the Higher Education Coordinating Commission, for distribution to Oregon State**
42 **University, for the biennium ending June 30, 2021, out of the General Fund:**

43 (1) \$170,000 to support the Molluscan Broodstock Program at the Hatfield Marine Science
44 Center in conjunction with the Whiskey Creek Shellfish Hatchery;

45 (2) \$100,000 to support the work of the Cooperative Institute for Marine Resources

1 **Studies in augmentation of sampling along the Newport Hydrographic Line in order to sup-**
2 **port research on ocean acidification and hypoxia; and**

3 **(3) \$100,000 to support the work of the College of Earth, Ocean, and Atmospheric Sci-**
4 **ences in monitoring for ocean acidification using Burke-O-Lator systems.**

5 **SECTION 4. In addition to and not in lieu of any other appropriation, there is appropri-**
6 **ated to the Oregon Department of Administrative Services, for the biennium ending June 30,**
7 **2021, out of the General Fund, \$250,000 for distribution to the Oregon Coast Aquarium for**
8 **ocean-related educational programs.**

9 **SECTION 5. This 2020 Act being necessary for the immediate preservation of the public**
10 **peace, health and safety, an emergency is declared to exist, and this 2020 Act takes effect**
11 **on its passage.**

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