

# Oregon Coordination Council on Ocean Acidification & Hypoxia (OAH Council)



# Whiskey Creek Shellfish Hatchery

## Canary in the Coalmine

- \$270 million industry
- 3,000+ jobs in the PNW
- Production declined by ~75% (2005-2007)
- Seawater chemistry
- Led to global awareness of this issue

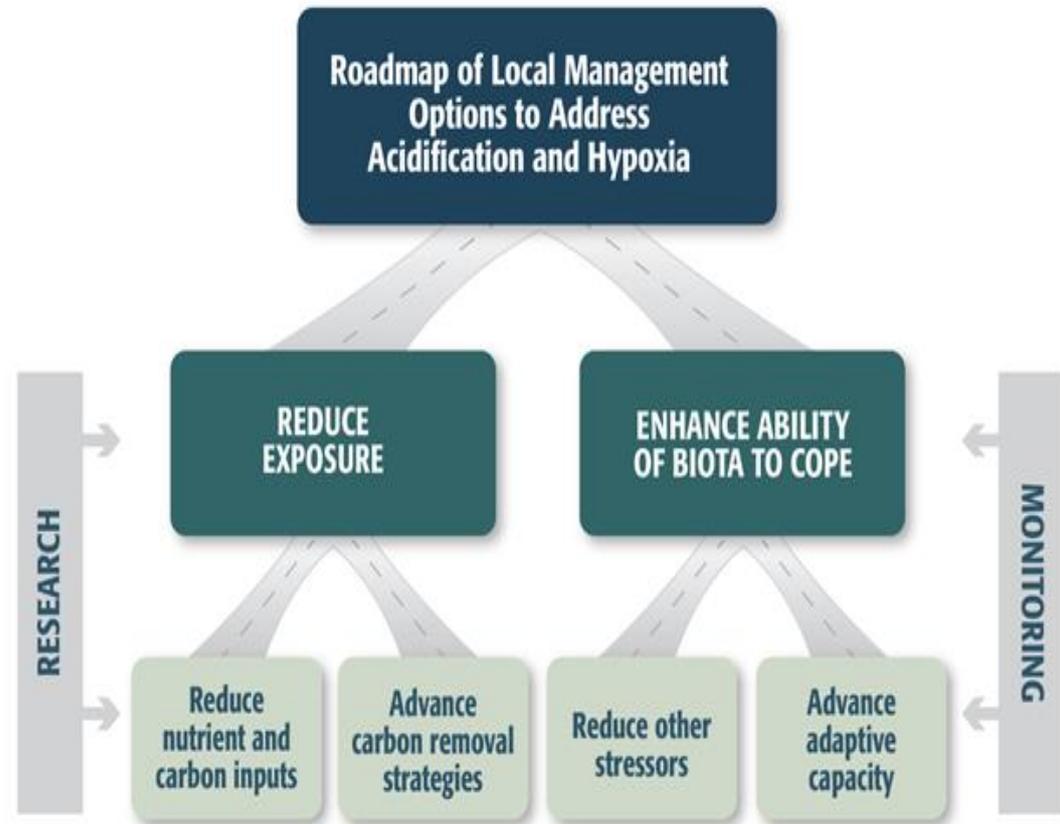


# **OAH Awareness & Partnership Grows Response to Local Impacts**

- 2007/2008 – Whiskey Creek and Taylor Shellfish oyster culture failures
- 2008 – PCC partnership based on Carbon and Energy; OAH focal point
- 2012 – Washington State Blue Ribbon Panel/Shellfish Initiative
- 2013 – West Coast OAH Science Panel
- 2015 – PCC partnership with Interagency Workgroup on OA (led by NOAA)

# 2016 – A Turning Point for Action

- West Coast OAH Science Panel recommendations
  - 17 action areas for managers and scientists
  - <http://westcoastoah.org>
- West Coast OAH Monitoring Inventory Task Force formed
- International OA Alliance formed & launched
- OR legislation for local action – drafted, then finalized in 2017



# California / Oregon OAH Inventory

Legend

## Point Assets

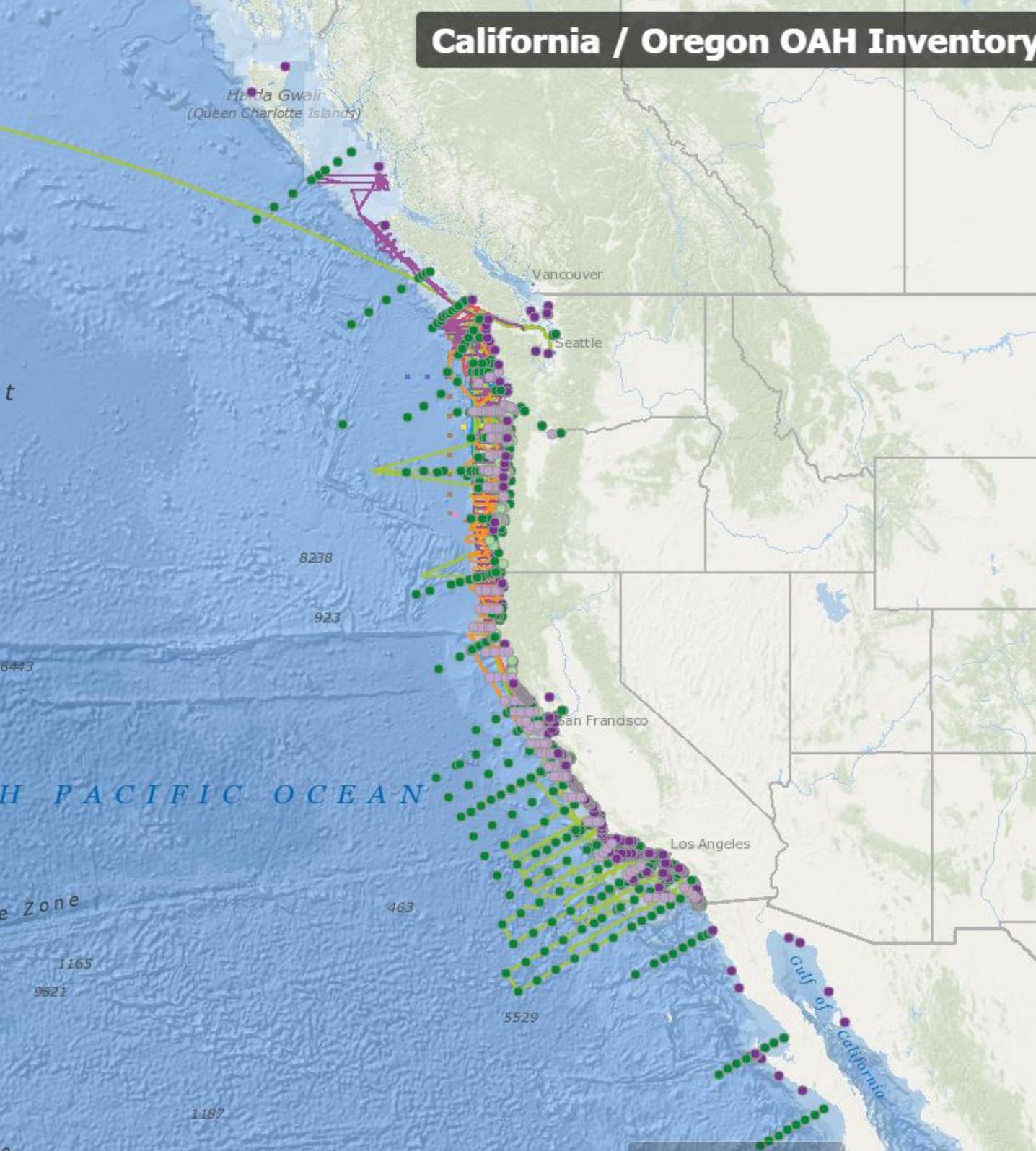
- OAH
- Ocean Acidification
- Hypoxia
- Non-OAH

## Sample Tracks

- 2008 Coastal uwpcO2 Cruises
- 2009 Coastal uwpcO2 Cruises
- 2010 Coastal uwpcO2 Cruises
- 2011 Coastal uwpcO2 Cruises
- 2012 Coastal uwpcO2 Cruises
- Cape Falcon Glider Line
- Coos Bay Glider Line
- Endurance Offshore Glider Line
- Grays Harbor Inshore Glider Line
- Grays Harbor Offshore Glider Line
- La Push Glider Line
- Newport Inshore Glider Line
- Newport Offshore Glider Line

## Sample Areas

- Otter Rock Marine Reserve Area
- Redfish Rocks Marine Reserve
- Cascade Head Marine Reserve
- Cape Perpetua Marine Reserve
- Cape Falcon Marine Reserve
- IPHC fishery-independent setline survey
- NWFSC West Coast Groundfish Bottom Trawl Survey



# Senate Bill 1039



- Declares state policy on OAH
- Forms 13 member OAH Council
  - Governor's Office
  - State Agencies
  - Academic Researchers
  - *Ocean Science Trust*
  - Fishing Interests
  - Tribal interests
  - Shellfish Industry
  - Conservation Interests
- Broad responsibility
  - Science & monitoring
  - Socio-economics
  - Long-term coordination

79th OREGON LEGISLATIVE ASSEMBLY--2017 Regular Session

## Senate Bill 1039

Sponsored by Senators ROBLAN, KRUSE

**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.

Declares state policy on ocean acidification and hypoxia.  
Establishes Oregon Coordinating Council on Ocean Acidification and Hypoxia. Establishes duties of coordinating council. Requires coordinating council to submit biennial report to Legislative Assembly and Ocean Policy Advisory Council by September 15 of each even-numbered year on coordinating council's activities and recommendations.

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A BILL FOR AN ACT



# Senate Bill 1039 (2017)

- Ocean Science Trust representative appointed by Executive Director
- Modes for selection:
  - Short-term – Board member
  - Long-term – Board member or other publically solicited individual
- OAH Council needs for 2018
  - January-August meetings (likely monthly)
  - Develop 1<sup>st</sup> report to the legislature – due September 2018
  - Develop process & draft of Oregon's OAH Action Plan – target date 2019

# OAH Seascape

An overview of the regional and local players, parties, and products informing the **Oregon Coordinating Council on Ocean Acidification and Hypoxia (OAH Council)**

