Oregon's Coordinating Council on Ocean Acidification and Hypoxia

Why we need it, where we are

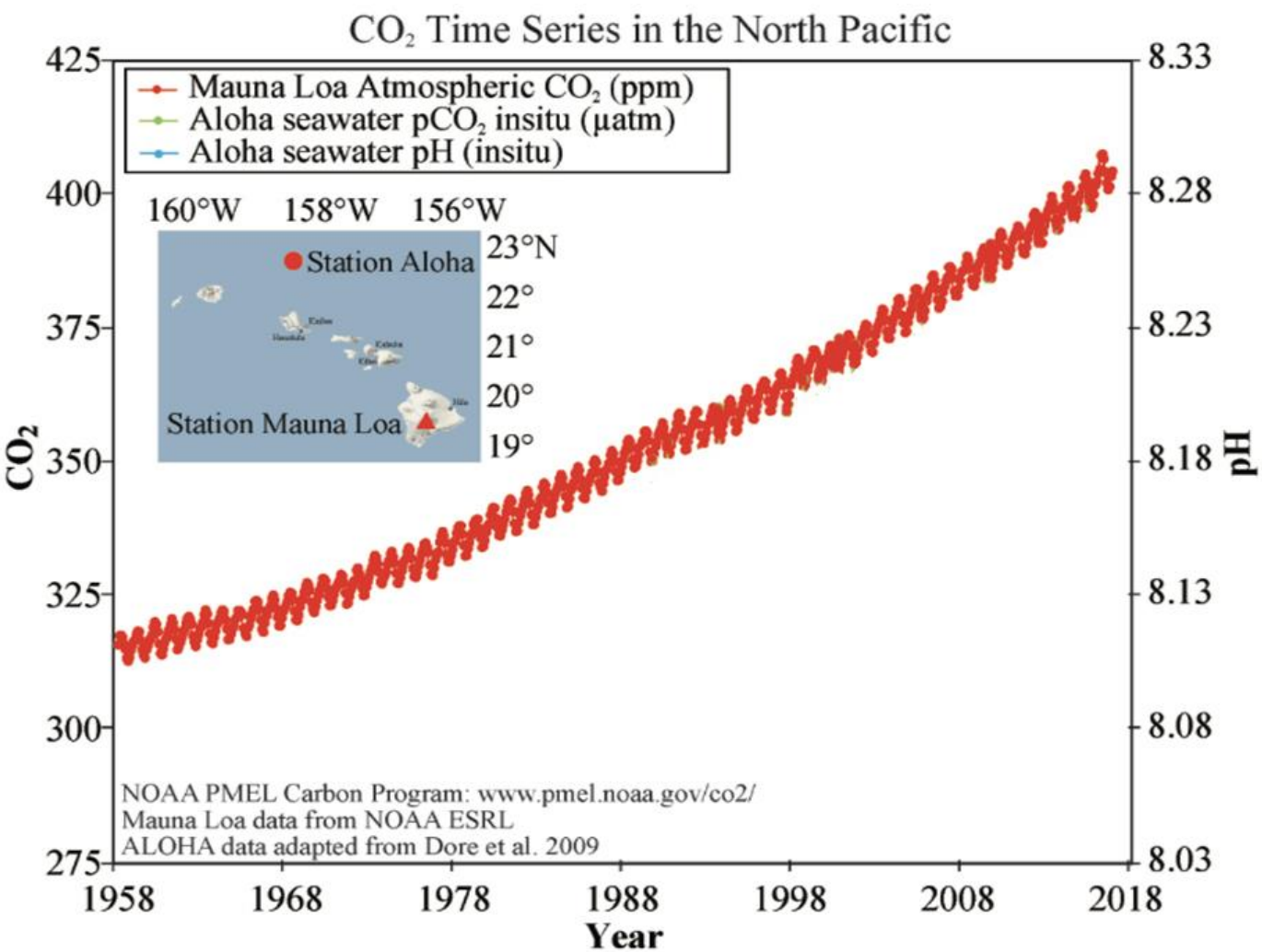
Oregon Department of Fish and Wildlife

Caren Braby, Co-Chair
Charlotte Regula-Whitefield, Council Staff

Oregon State University

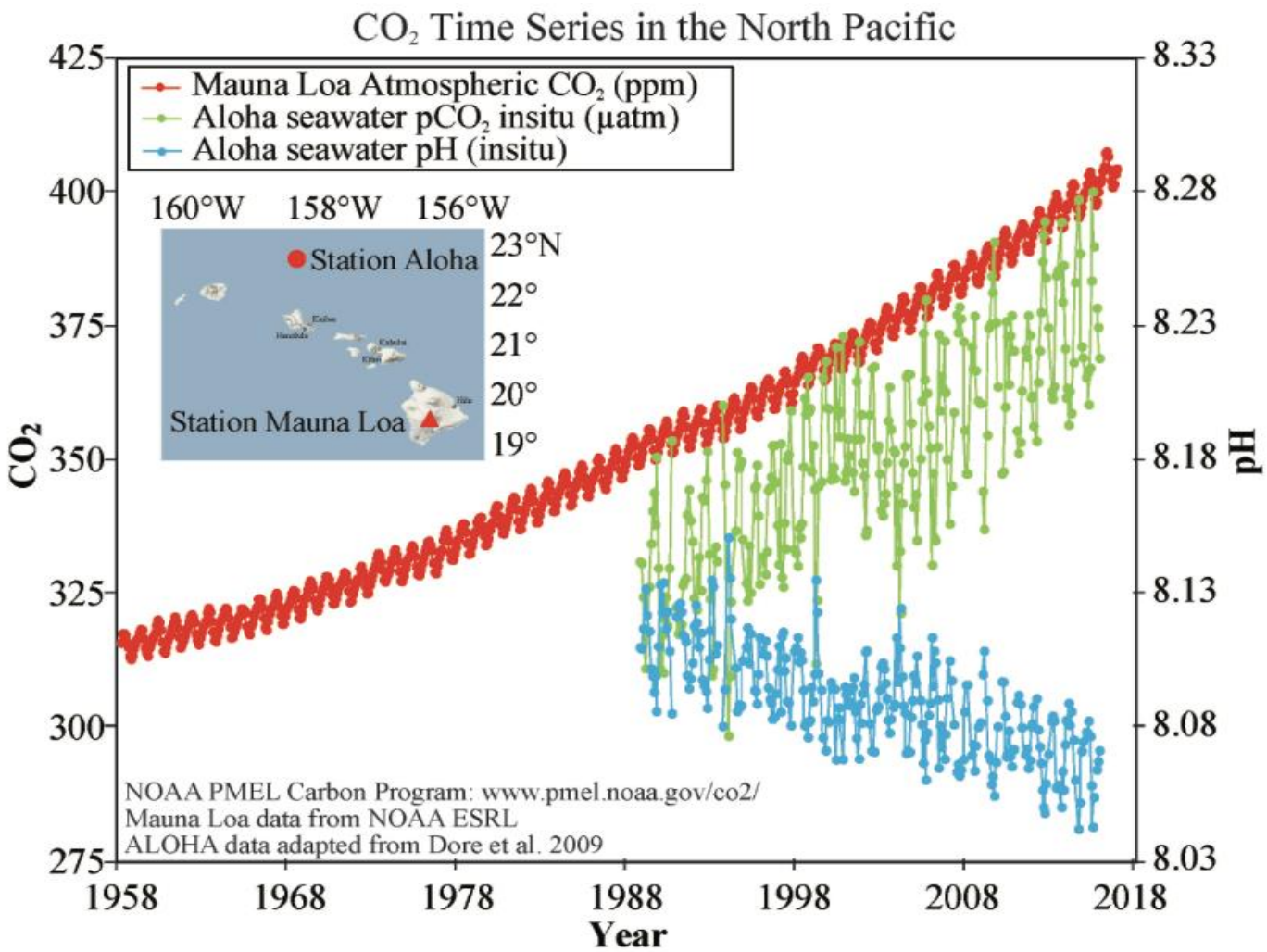
Jack Barth, Co-Chair

The Underlying Problem of CO_2



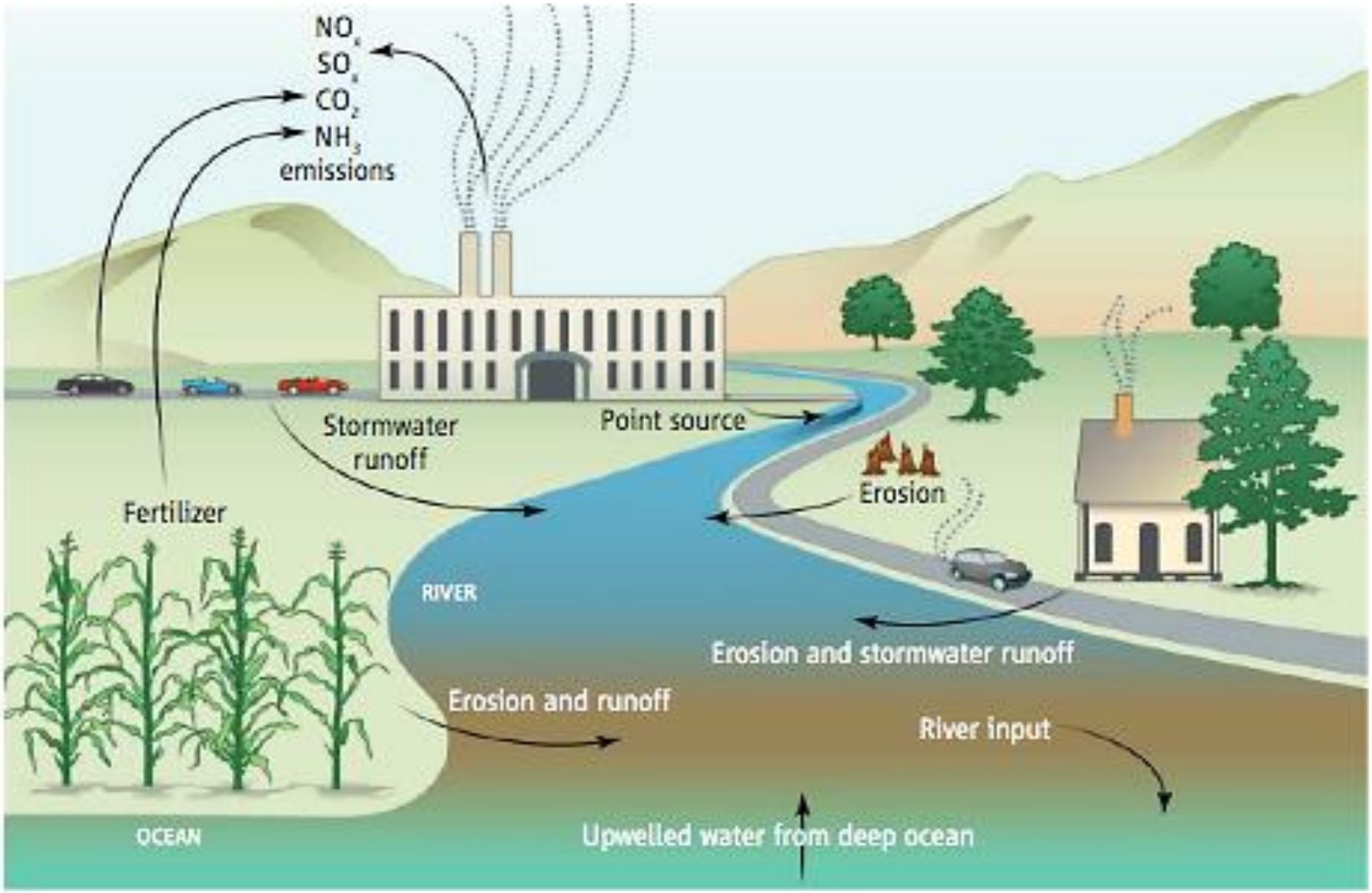
- **Increasing CO_2 in atmosphere**

The Underlying Problem of CO_2

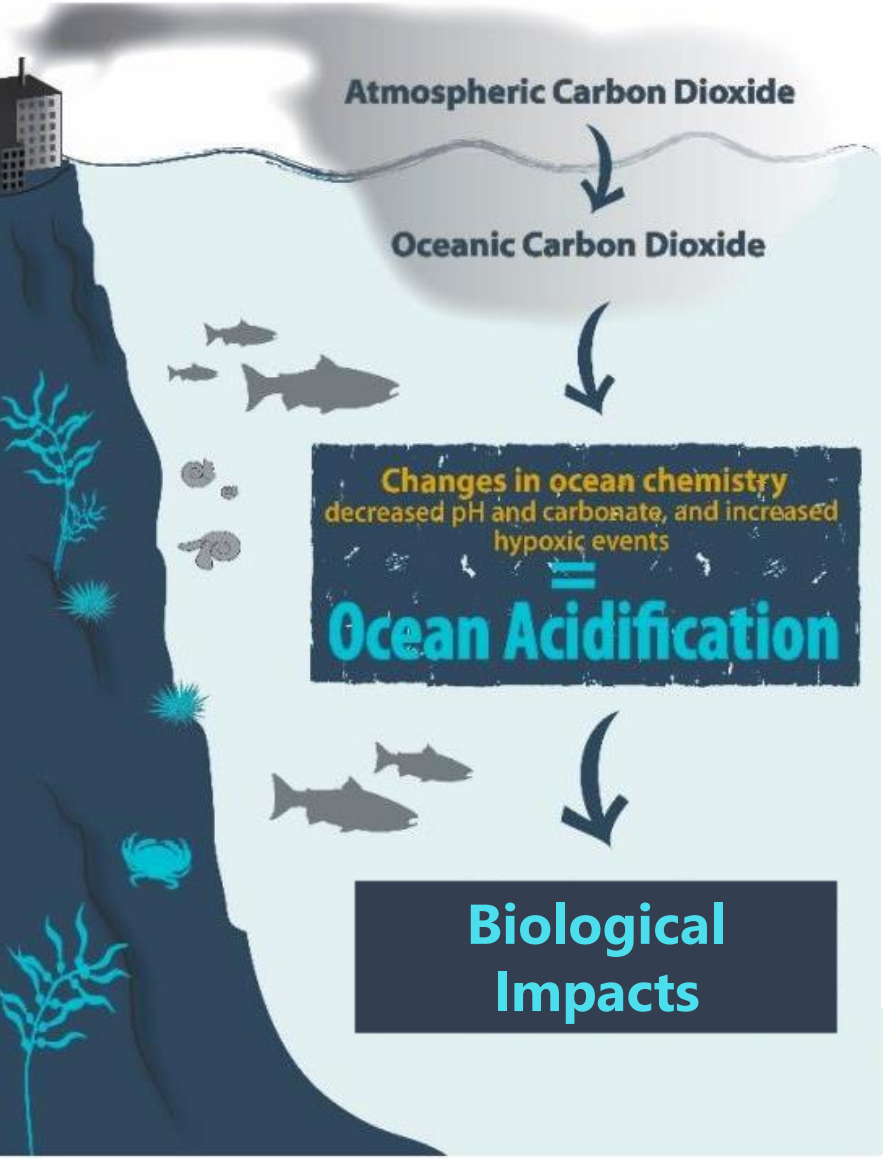


- **Increasing CO_2 in atmosphere**
- **Increasing pCO_2 in ocean**
- **Decreasing pH in ocean**

The Underlying Problem - Compounding Issues



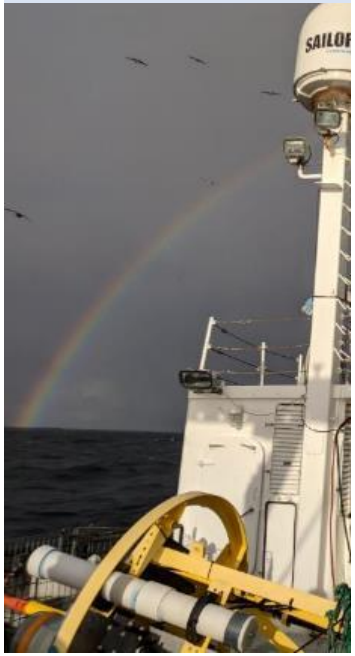
Economic and Ecosystem Impacts



Economic Impacts Commercial & Sport

Climate Change Solutions

SCIENCE MONITORING



REDUCE CAUSES

RESILIENCE

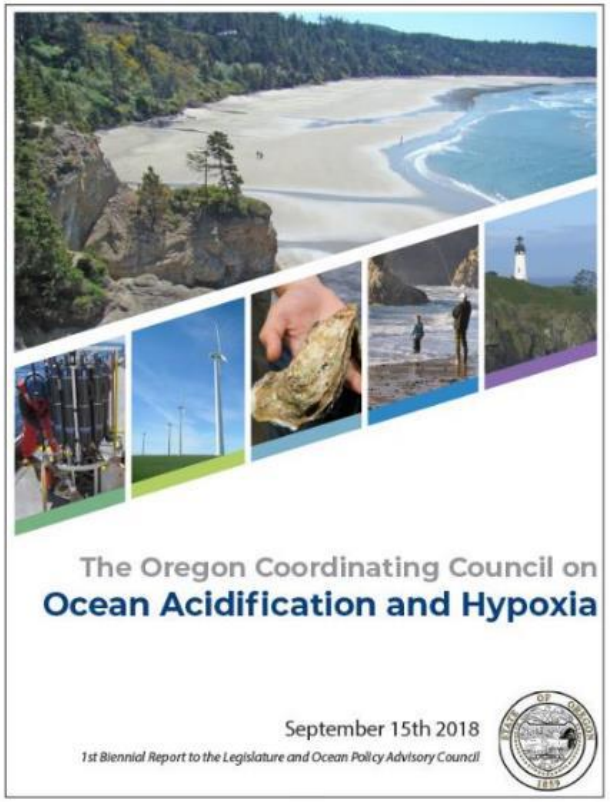
COMMUNICATION

SUSTAINED APPROACH

Themes:
Report p. 23

Oregon's Coordinating Council on OAH

13 member council of governments, agencies, stakeholders, and academics



Council Member Bios: Report p. 49

OAH Council Guiding Principles

Excess CO_2 is the key problem, and there are State actions that can address it

Benefits for ecosystems and human communities

Oregon focused actions

Compliment existing management frameworks

Actions targeted for Oregon, the region, and globally

Recommendations are only a starting point

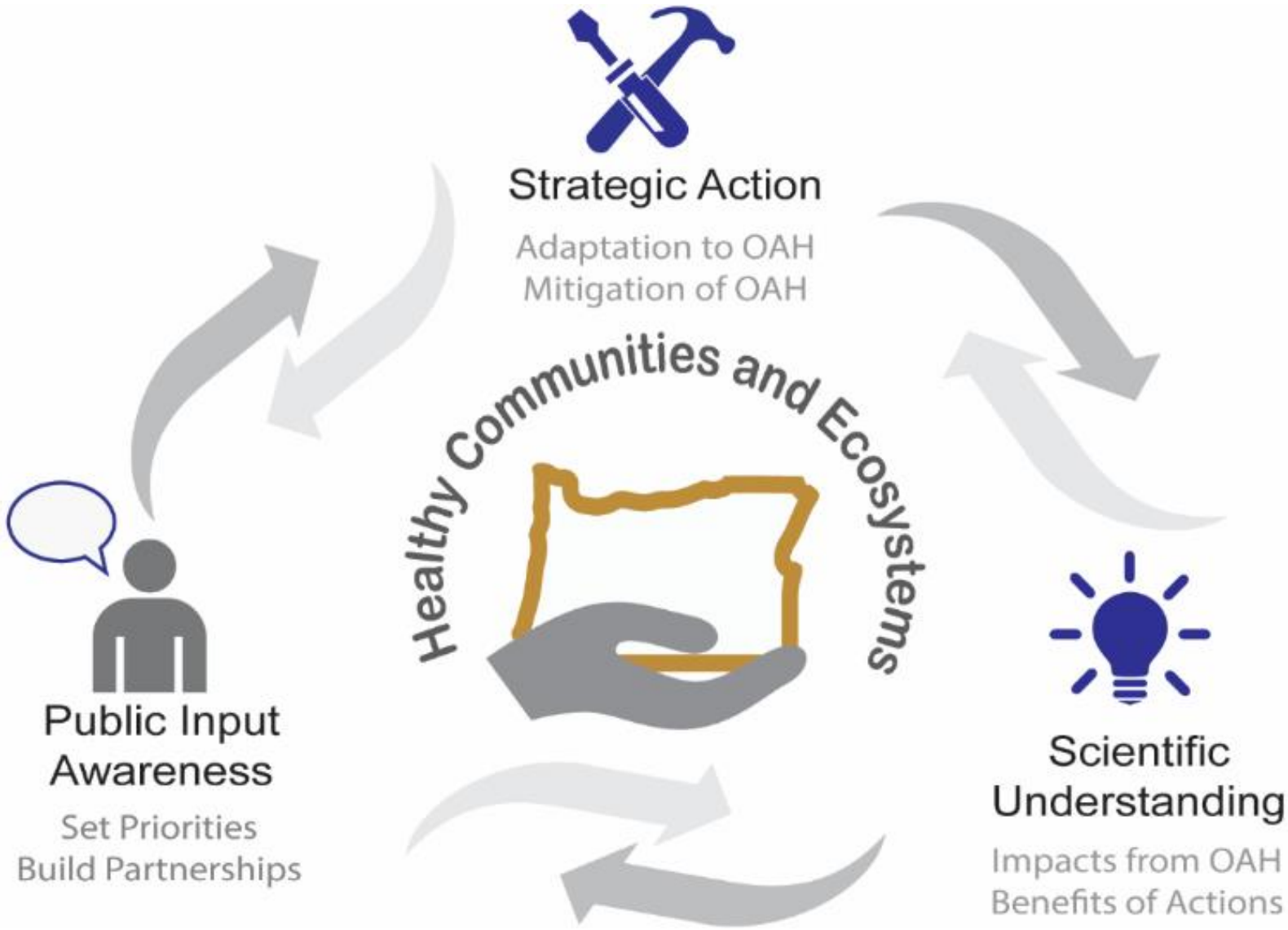
Guiding Principles:
Report p. 20

Actions Recommended for Immediate Action

- Support and maintain Oregon's monitoring of OAH oceanographic metrics and biological response metrics (Actions 1.1.a/c)
- Incorporate OAH into CO_2 management and mitigation discussions in the state (Action 2.1.b)
- Support new initiatives to promote natural ecosystem resilience (Actions 3.2.a/b)
- Keep legislators and policy-makers up-to-date on the science, impacts of and solutions for OAH (Action 4.2.a)
- Develop high-level policy guidance for the state's government agencies on prioritizing OAH in agency workload (Action 5.1.a)

Short List:
Report p. 25

Moving Forward



Process:
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OregonOcean.Info

Next Council Meeting: October 25th 2018 10:00am – 1:00pm

Comments or Questions? Please contact
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Charlotte.M.RegulaWhitefield@state.or.us

OREGON Fish & Wildlife

Oregon State University