

# Oregon's Coordinating Council on Ocean Acidification and Hypoxia

*Why we need it, where we are*



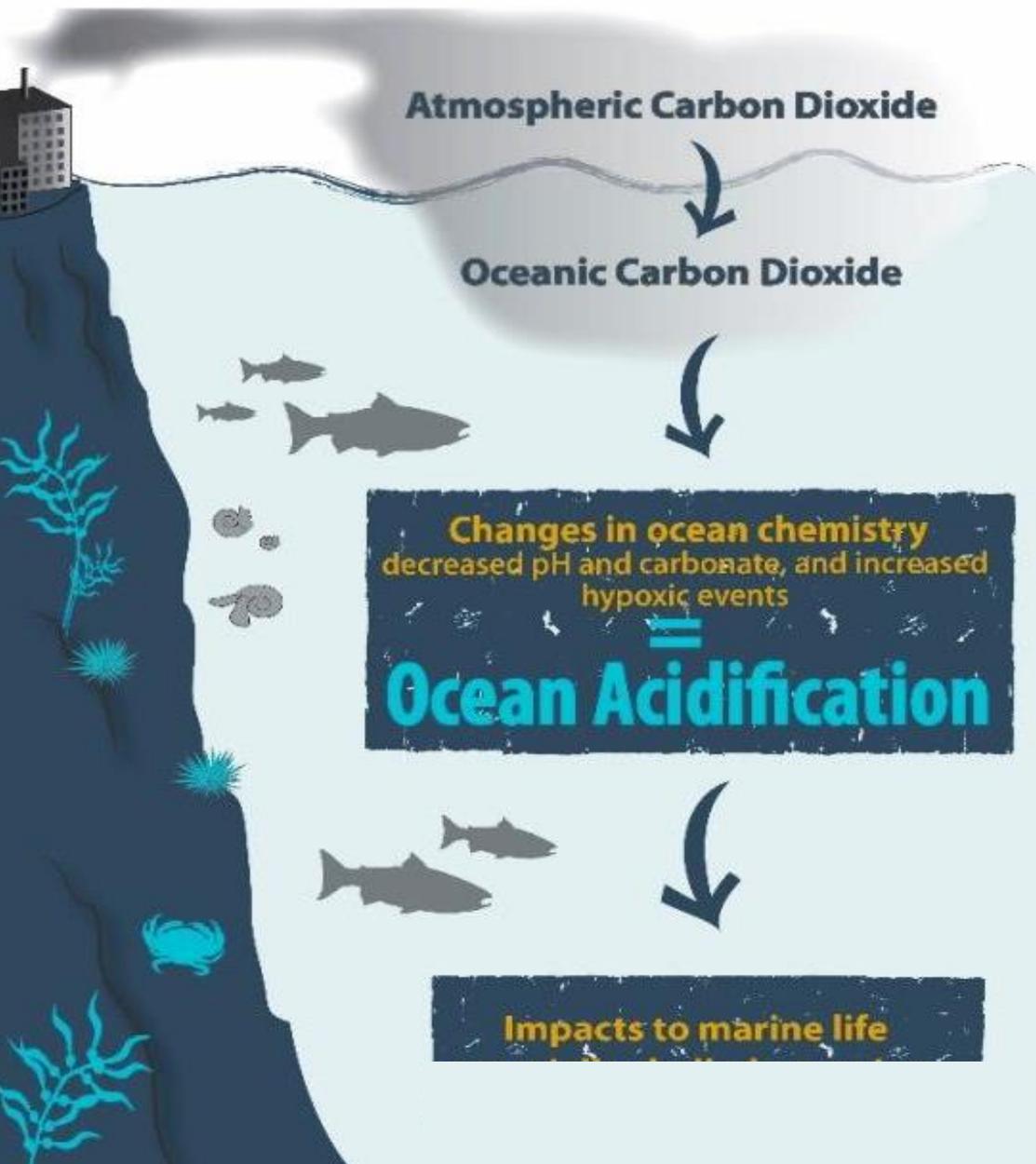
*Dr. Jack Barth, Co-Chair  
Oregon State University*



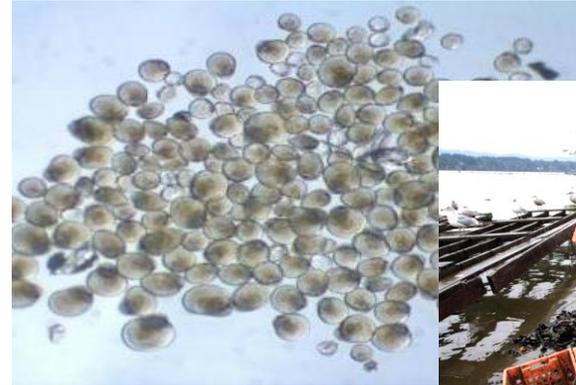
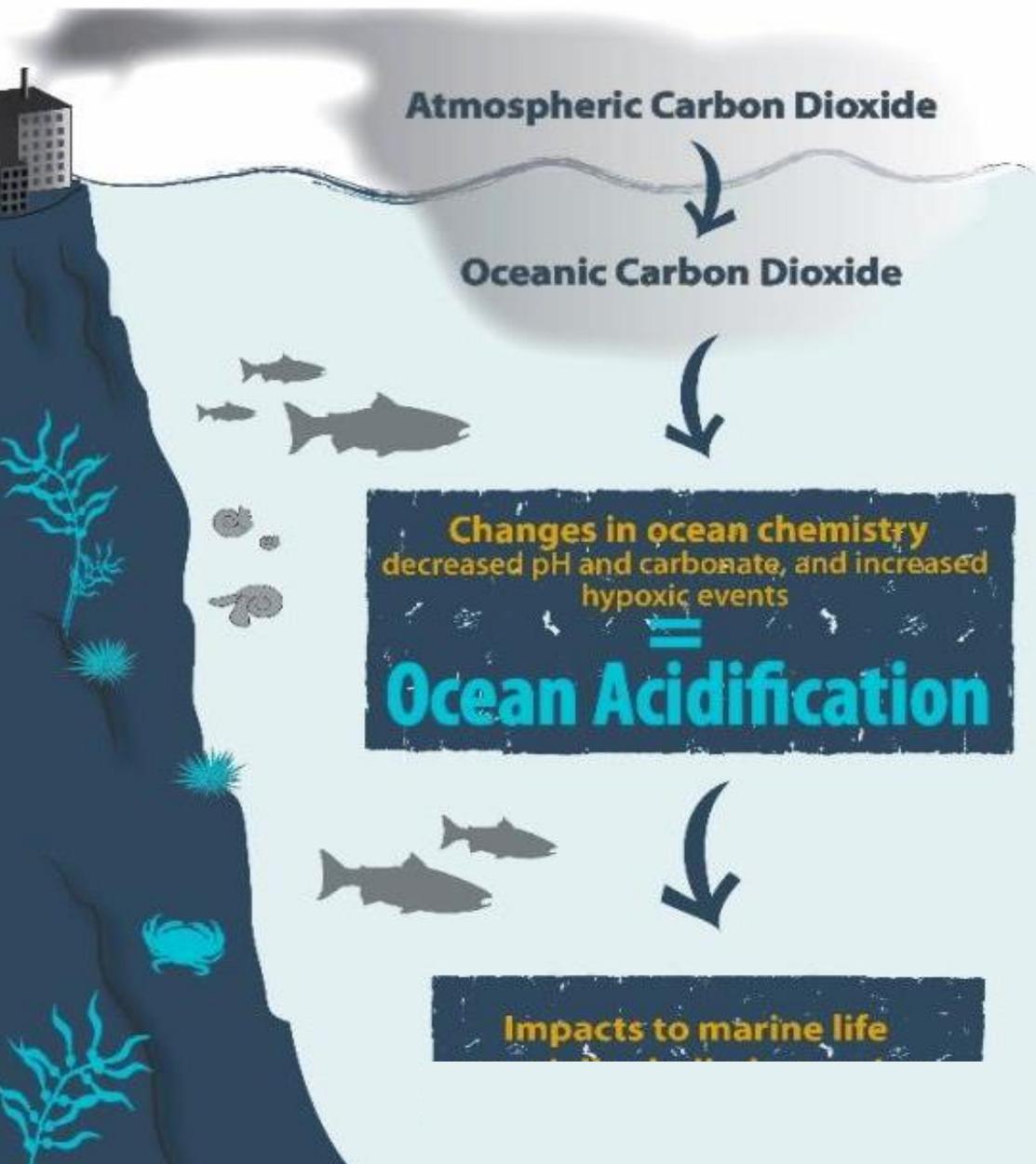
*Dr. Caren Braby, Co-Chair  
Oregon Department of Fish and Wildlife*

*Dr. Charlotte Regula-Whitefield, Council Staff*

# Economic and Ecosystem Impacts

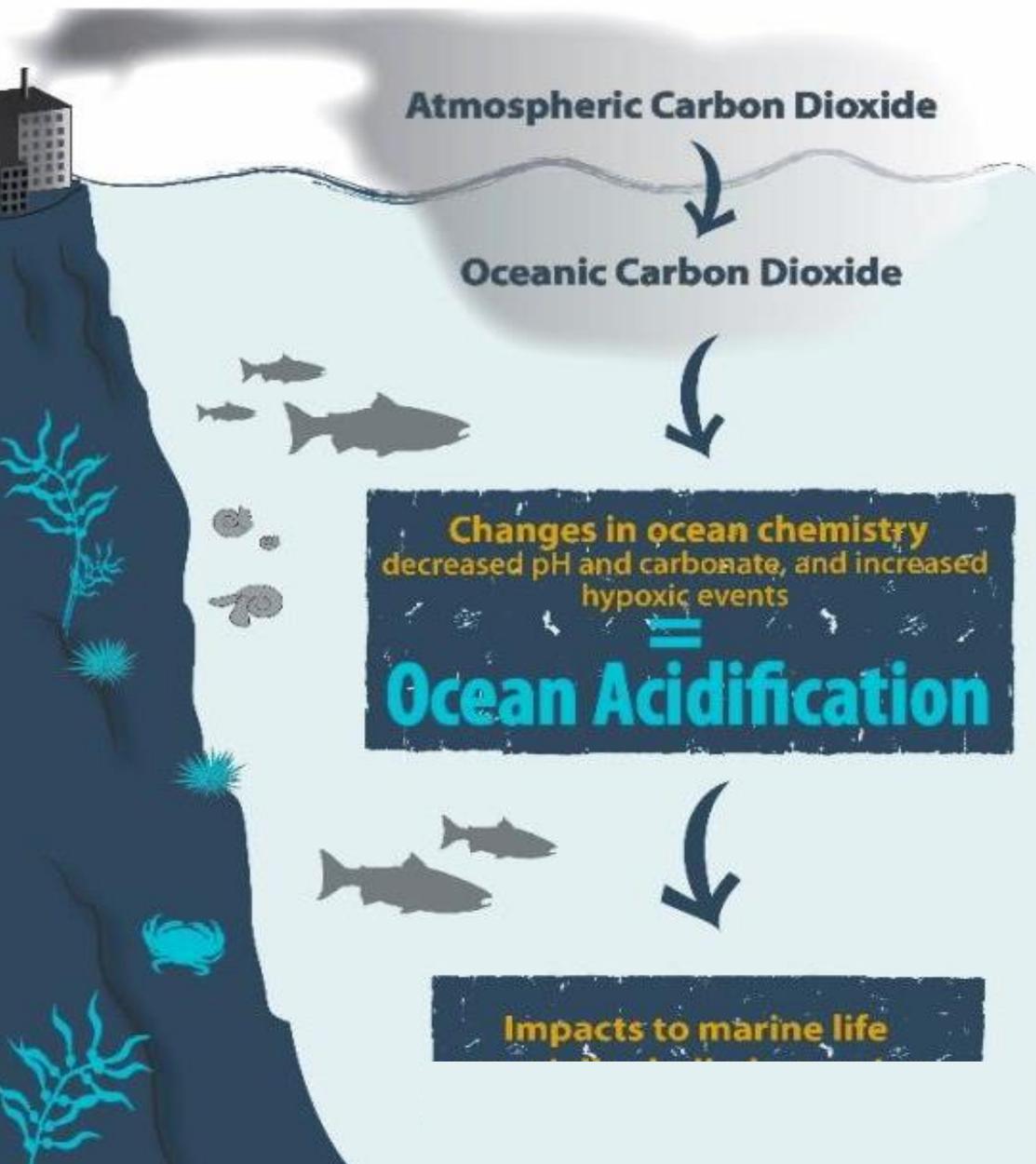


# Economic and Ecosystem Impacts



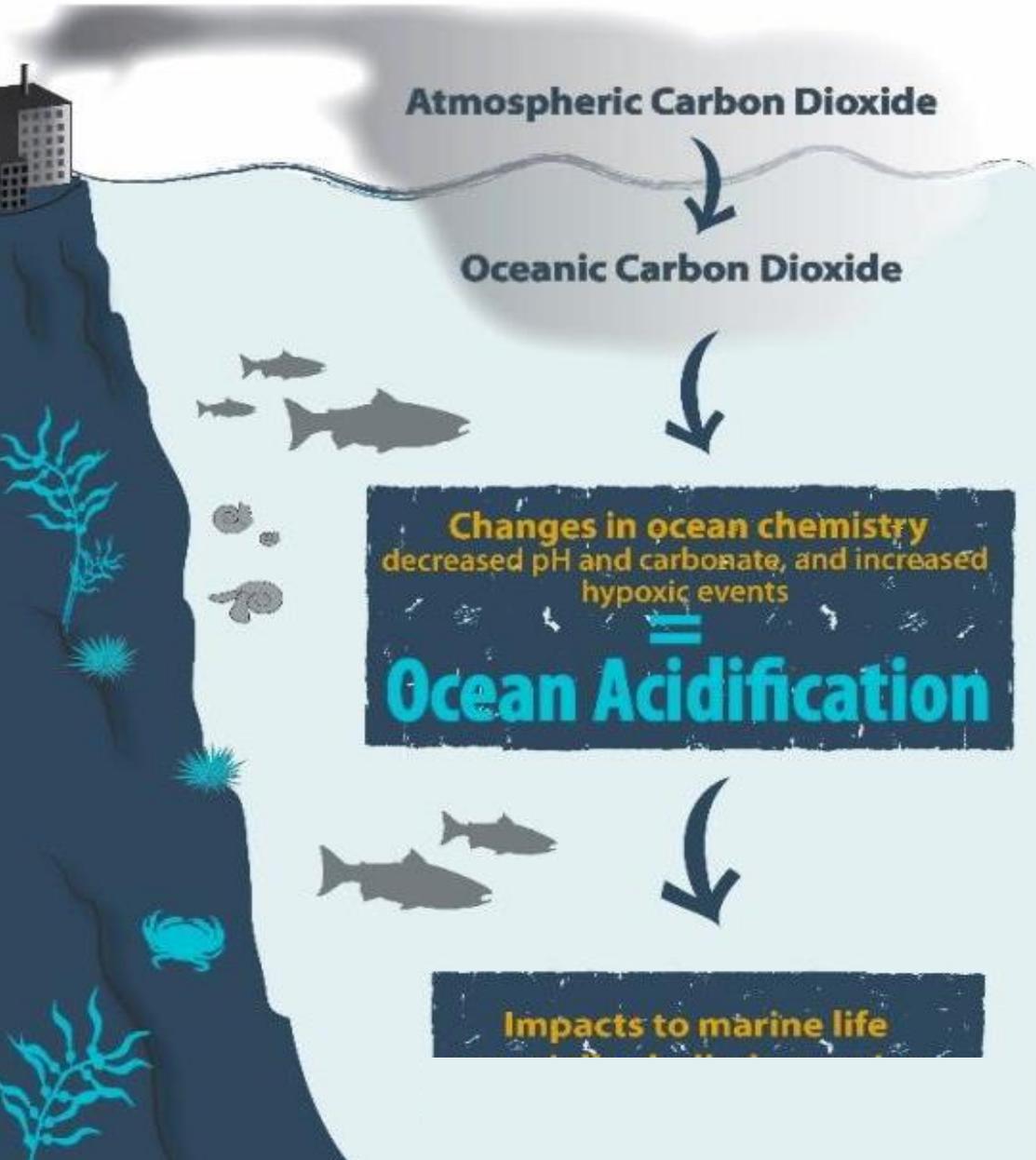
**Economic Impacts  
Commercial & Sport**

# Economic and Ecosystem Impacts



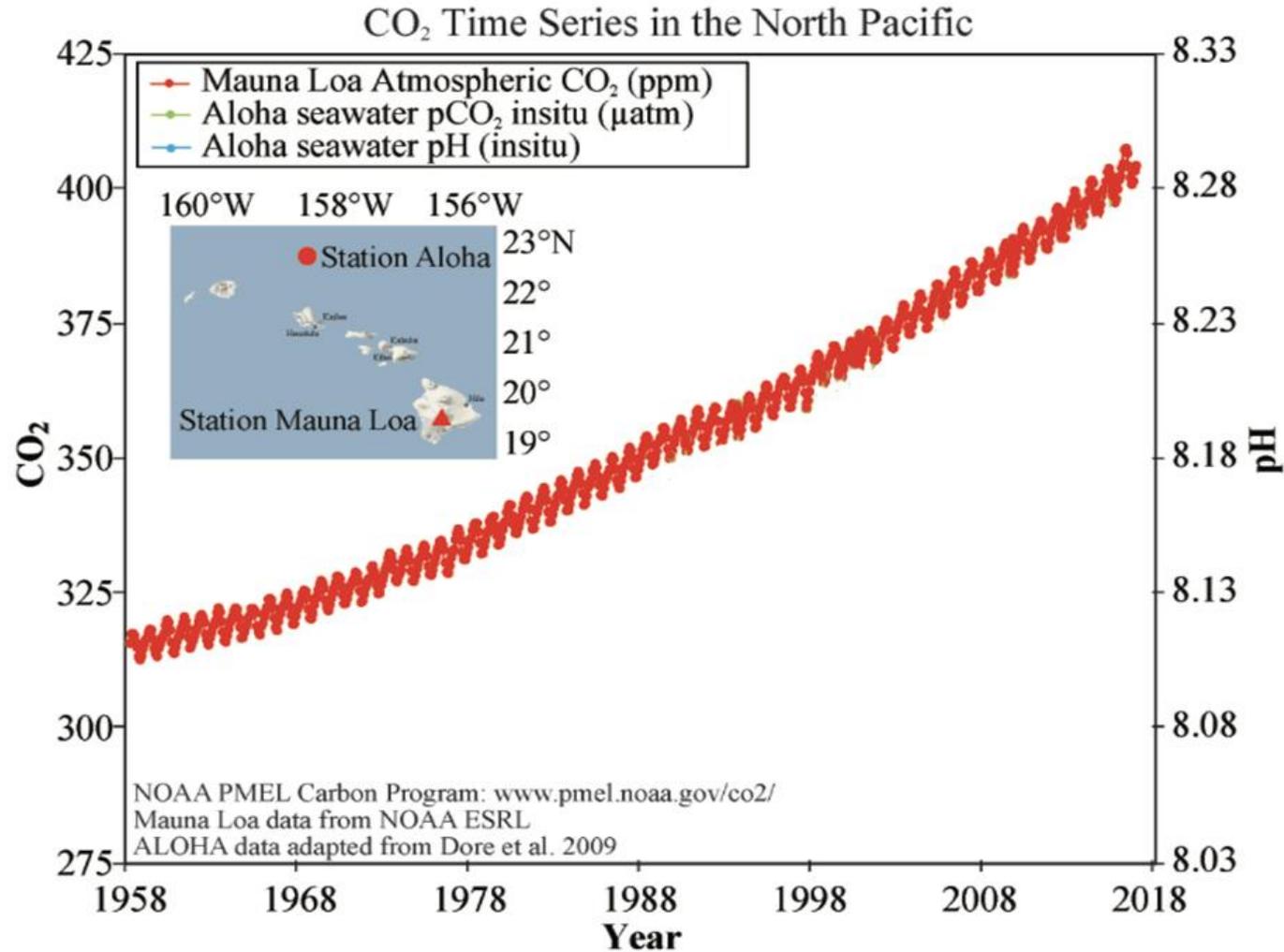
**Economic Impacts  
Commercial & Sport**

# Economic and Ecosystem Impacts



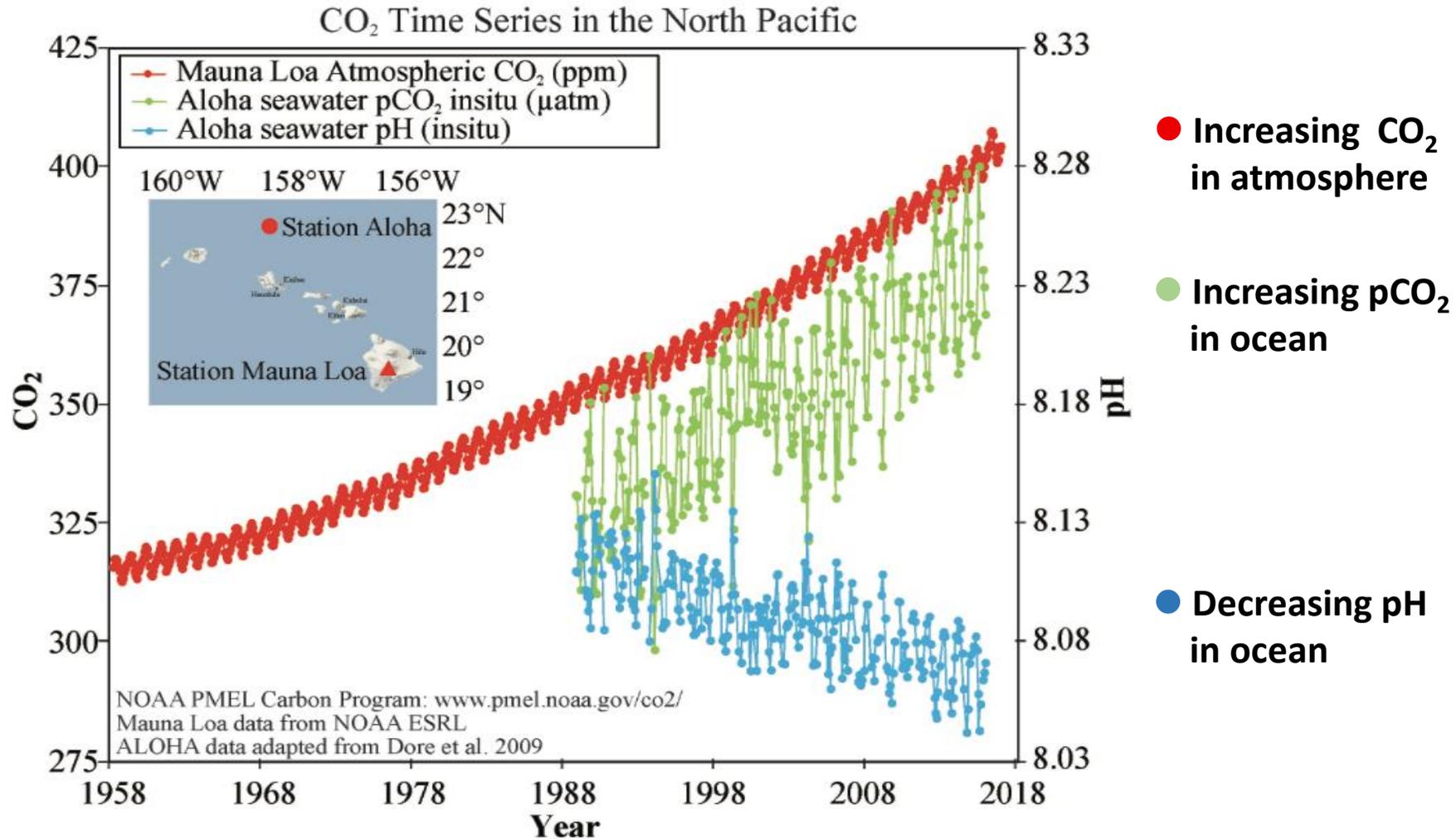
**Economic Impacts**  
**Commercial & Sport**

# The Underlying Problem of CO<sub>2</sub>

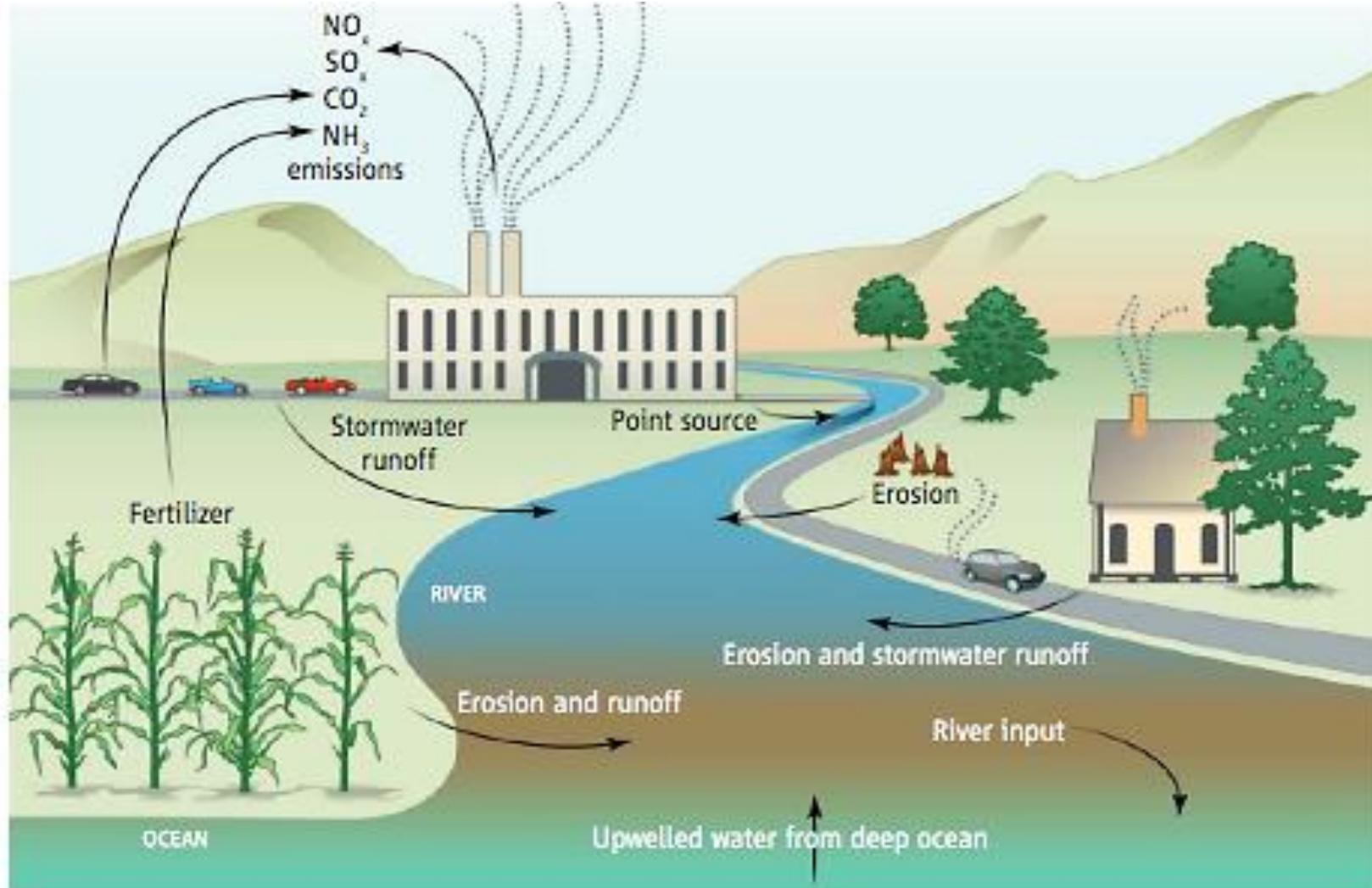


● Increasing CO<sub>2</sub>  
in atmosphere

# The Underlying Problem of CO<sub>2</sub>

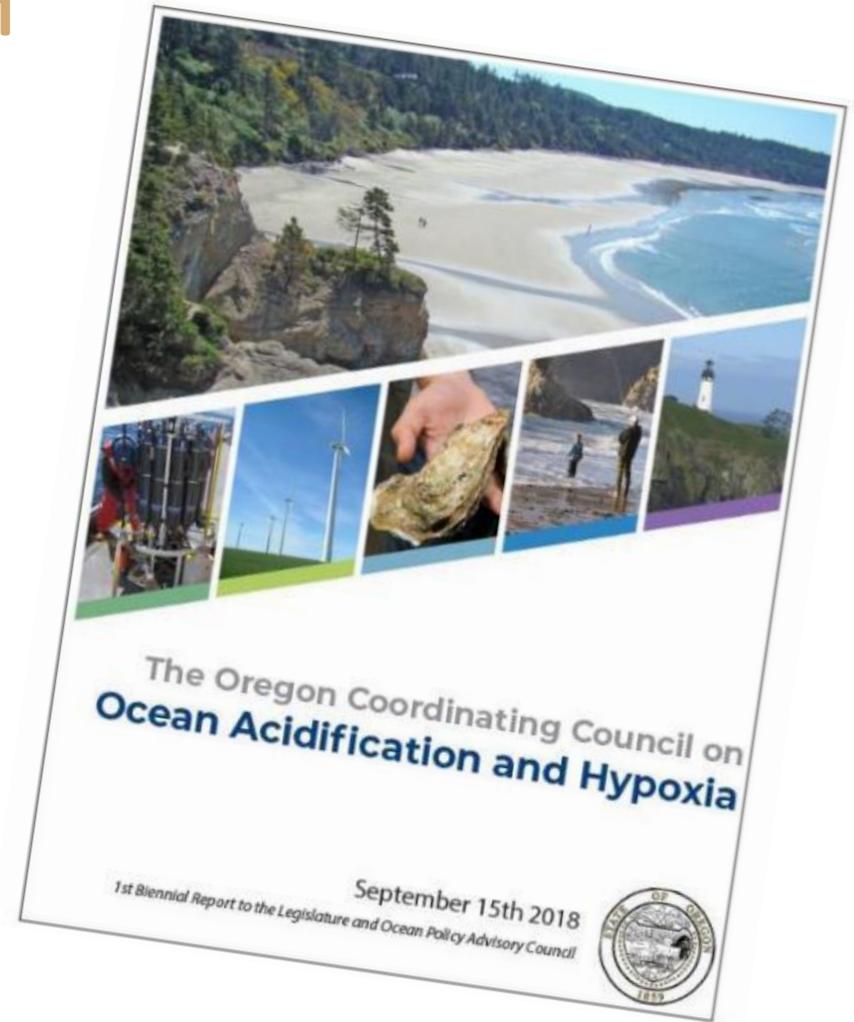


# The Underlying Problem - Compounding Issues



# Oregon's Coordinating Council on OAH

- Oregon Senate Bill 1039 (2017)
- OAH Council Recommendations (2018)
- Governor's Oregon OAH Action Plan (2019)



# OAH Council Guiding Principles



**Excess CO<sub>2</sub> 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**

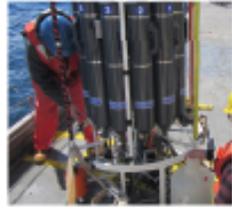


**Actions targeted for Oregon, the region, and globally**



**Recommendations are only a starting point**

# Overarching Themes



## THEME 1

Strengthen OAH science, monitoring, and research



## THEME 2

Reduce causes of OAH



## THEME 3

Promote OAH adaptation and resilience



## THEME 4

Raise awareness of OAH science, impacts and solutions



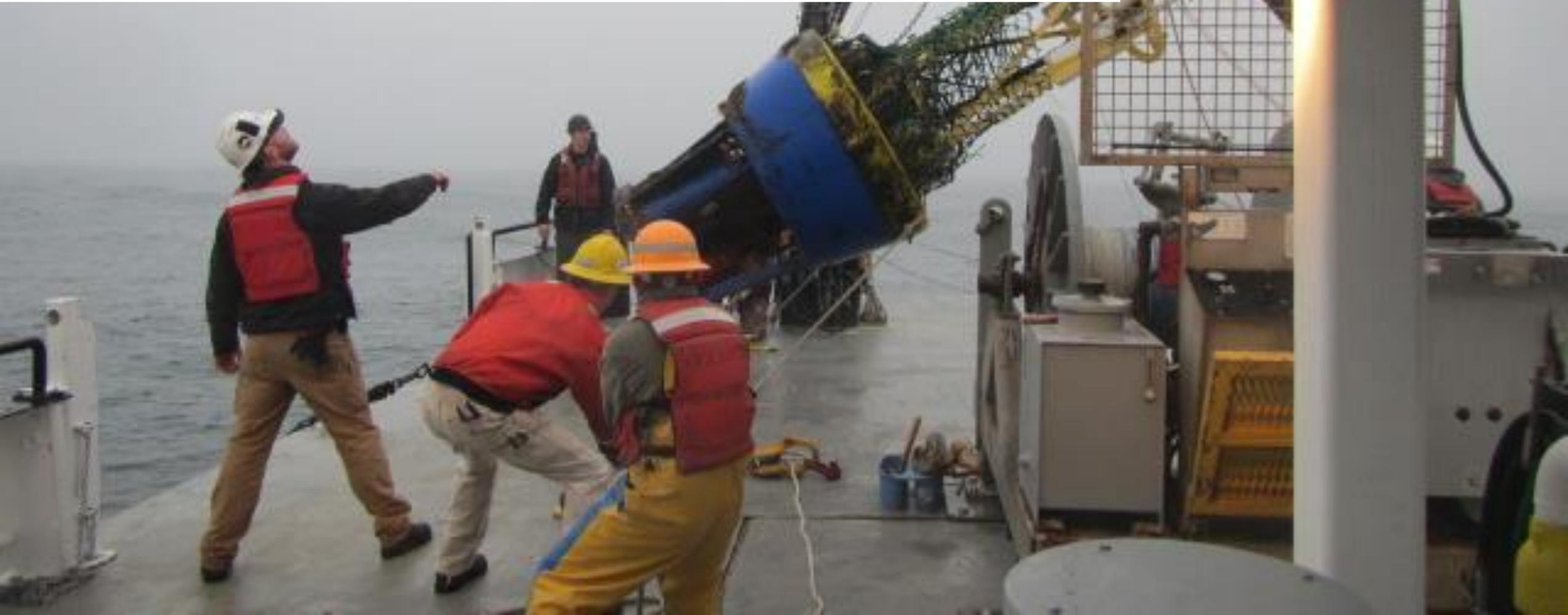
## THEME 5

Commit resources to OAH actions

*Themes:  
Report p. 23*

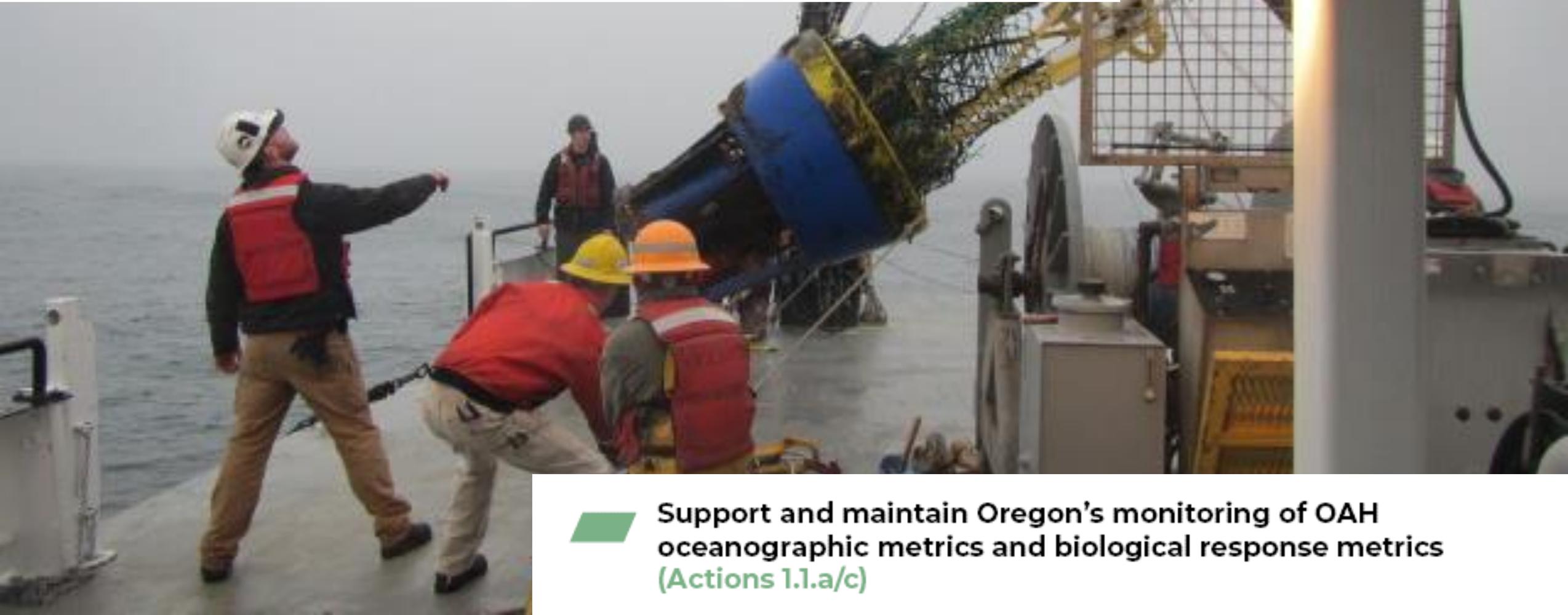
# Theme 1

Strengthen Ocean Acidification and Hypoxia Science,  
Monitoring and Research



# Theme 1

Strengthen Ocean Acidification and Hypoxia Science,  
Monitoring and Research



Support and maintain Oregon's monitoring of OAH  
oceanographic metrics and biological response metrics  
(Actions 1.1.a/c)

# Theme 2

## Reduce Causes of Ocean Acidification and Hypoxia



# Theme 2

## Reduce Causes of Ocean Acidification and Hypoxia



Incorporate OAH into CO<sub>2</sub> management and mitigation discussions in the state (**Action 2.1.b**)

# Theme 3

Promote Ocean Acidification and Hypoxia Adaptation  
and Resilience



# Theme 3

## Promote Ocean Acidification and Hypoxia Adaptation and Resilience



Support new initiatives to promote natural ecosystem resilience ([Actions 3.2.a/b](#))

# Theme 4

## Raise Awareness of Ocean Acidification and Hypoxia Science, Impacts, and Solutions



# Theme 4

## Raise Awareness of Ocean Acidification and Hypoxia Science, Impacts, and Solutions



Keep legislators and policy-makers up-to-date on the science, impacts of and solutions for OAH ([Action 4.2.a](#))

# Theme 5

## Commit Resources to Ocean Acidification and Hypoxia Actions



# Theme 5

## Commit Resources to Ocean Acidification and Hypoxia Actions



**Develop high-level policy guidance for the state's government agencies on prioritizing OAH in agency workload (Action 5.1.a)**

# OAH Council Next Steps

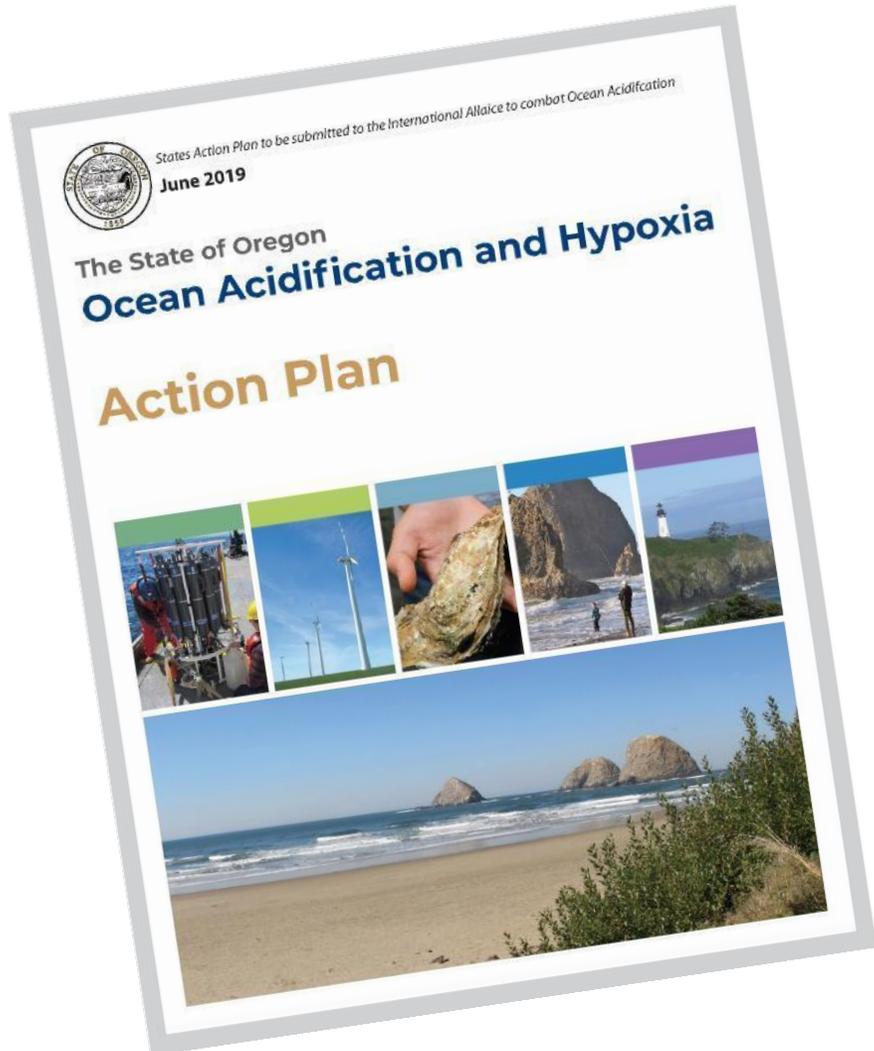
## OAH Action Planning



**Process:**  
**Report p. 21**

# OAH Council Next Steps

## OAH Action Planning



Sep '18

**OAH Council Report**  
Submitted to the Oregon Legislature and OPAC  
September 15th



Oct '18

October 25th : OAH Council Meeting  
Develop OAH Action Plan

Nov '18

**Legislative and Government Outreach:**  
Meetings and presentations to agencies and legislative staff

Dec '18

December 3rd : OAH Council Meeting  
Develop OAH Action Plan

Jan '19

OAH Council Working Group Meeting

**Expert Interviews:**  
- OAH needs and actions  
- General goals

Feb '19

February 5th : OAH Council Meeting  
Expert Interviews Update  
Development of Proposed OAH Action Plan Draft

Mar '19

OAH Council Working Group Meeting

**Public Comment Period:**  
30 days  
- Webinar  
- Email submissions

**Targeted Outreach**  
Presentation; Surveys  
- Public presentations and discussions  
- Public survey

Apr '19

May '19

May TBD : OAH Council Meeting  
Review and respond to public comments  
Finalization of OAH Action Plan

OAH Action Plan Submitted to Oregon Governor Kate Brown for Signature

Summer '19



# OregonOcean.Info



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