

**OAH Community Survey
Participation Request and Explanation Email:**

Good Afternoon,

Over the next several months, the Ocean Acidification and Hypoxia (OAH) Council will be honing the recommendations from our September 2018 Report (<https://www.oregonocean.info/index.php/ocean-acidification>) into the Oregon OAH Action Plan as requested by Governor Kate Brown. The Oregon OAH Action Plan will be critical for shaping Oregon's response to ocean acidification and hypoxia impacts, and will also be submitted to the International Alliance to Combat Ocean Acidification, as part of Oregon's founding-member commitment to the international community. In contrast to the comprehensive, recommendations described in the OAH Council's Report, the OAH Action Plan will identify a strategic set of short-term actions that Oregon will implement over the next 4-6 year period. We need your help to make the Action Plan process a success.

As you know, Oregon is among the first places in the world to observe direct impacts of OAH, due to our unique geographic and oceanographic context, putting our fragile marine ecosystem at risk. The development of the OAH Action Plan will aid Oregon in adapting to the projected changes in our environment. As part of a multifaceted community outreach strategy, the OAH Council is asking you to participate in the **OAH Community Survey**, an online questionnaire. Following the online survey (which is being sent to a few dozen professionals), the OAH Council will be conducting a series of one-on-one interviews as a way to capture more of the details about the expectations and advice on Oregon's next steps. Our September 2018 report, and the recommended actions within it, will serve as the jumping off point for both the survey and the follow-up interviews.

You have been selected to participate in the **OAH Community Survey** because of your expertise and your ability to help represent your colleagues' interests, concerns, and/or knowledge of OAH and how it will affect Oregon. This survey asks for your perceptions and opinions about Oregon's best opportunities to implement OAH mitigation and adaptation strategies. Please be assured that all answers you provide will be kept confidential. The link below will take you to the online survey, which will take you approximately 15-20 minutes to complete:

<https://goo.gl/forms/c2WPBDe0KznV6fiZ2>

If you are willing to participate in our follow-up one-on-one interviews, please elect to do so in the online survey (you will be prompted). Thank you in advance for your consideration in participating in this online survey, as well as a follow-up interview. Your participation and thoughts shared with the OAH Council will help us address these important and challenging issues.

Please feel free to contact the OAH Council's Staff or Co-Chairs with any questions or concerns.

Charlotte R. Whitefield Ph.D.
OAH Council Staff
Charlotte.M.RegulaWhitefield@state.or.us

John (Jack) Barth Ph.D.
OAH Council Co-Chair
Jack.Barth@oregonstate.edu

Caren Braby Ph.D.
OAH Council Co-Chair
Caren.E.Braby@state.or.us

To learn more about the Council, opportunities to engage, or OAH in Oregon, please visit the Council's website:

oregonocean.info/index.php/ocean-acidification

OAH Community Survey
Online Questions
(Google Forms)

Introduction Text: *Thank you for agreeing to take part in this survey, which will help the Oregon OAH Coordinating Council understand and describe awareness of, engagement in, and priorities for OAH mitigation and adaptation strategies. Your responses will be used by the OAH Council in developing recommendations, and in finalizing the Oregon OAH Action Plan. This survey should only take 15-20 minutes to complete. Please be assured that all answers you provide will be kept confidential.*

1. In your opinion, are changing OAH conditions **currently** impacting the natural resources and ecosystems that you monitor, manage, or use?

- 1 (There are no observable impacts)
- 2
- 3
- 4
- 5 (There are observable impacts that have required me to make significant changes)

2. How concerned are you personally, about the future impacts of OAH on Oregon's natural resources and ecosystems?

- 1 (Not concerned at all)
- 2
- 3
- 4
- 5 (Very concerned)

3. How concerned is your organization, agency, constituents, or industry about the **future** impacts of OAH on Oregon's natural resources and ecosystems?

- 1 (Not concerned at all)
- 2
- 3
- 4
- 5 (Very concerned)

4. Please rank the theme areas identified in the OAH Council Report in order of importance, relative to the natural resources and ecosystems that you monitor, manage, or use.
- Invest in research and monitoring to understand, adapt to and mitigate OAH impacts.
 - Reduce causes of OAH and coordinate CO2 and OAH management efforts in Oregon.
 - Promote adaptation and resilience to increasing OAH conditions for Oregon’s human communities and marine ecosystems.
 - Communicate OAH science, impacts, and mitigation solutions.
 - Build a policy and academic framework in Oregon, to support a long-term approach to addressing OAH.
5. Has your organization, agency, constituents, or industry considered or begun to develop actions to manage or mitigate OAH?
- Have not considered taking action
 - Have considered taking action but have not started
 - Have begun developing an approach and actions
 - Have developed a plan and are now implementing the actions and plan
6. Does your organization, agency, constituents, or industry currently have easy or convenient access to OAH-relevant data and information that are useful to you in management, policy, or business decisions?
- 1 (Don’t have access, information available is not useful)
2
3
4
5 (Have access and have useful resources that help me in decision-making)
7. Please rank the following audiences in order importance, for keeping up-to-date on OAH science, impacts and solutions:
- Policy makers and legislative staff
 - At-risk industries and professions - could include fishing industry, oyster mariculture, etc.
 - K-12 school educators and students - “next generation”
 - Academics and researchers
 - Media
 - Local government representatives
 - Informal education venues - could include visitor centers, museums, etc.

8. Please rank the following actions in order of importance relative to the natural resources and ecosystems that you monitor, manage, or use:

- Develop and implement policy, directing agencies to address OAH priorities in agency planning
- Promote integration of OAH management and mitigation into Oregon's CO2 management and mitigation discussions and decision-making.
- Build solutions-oriented messages on OAH science, impacts and solutions. Messages should include: simple language, positive tone, local connections, and actions for individuals and governments.
- Maintain and support oceanographic and biological monitoring at significant research reference sites that provide high value to Oregon due either to prior State investments, the geographic location and/or historical data collection activities at that site.
- Promote submerged aquatic vegetation (SAV) conservation and restoration strategies and opportunities to achieve short term buffering, carbon sequestration and ecosystem services benefits.

9. How would you classify your level of interaction with the Oregon OAH Council? Please click all options that apply.

- I have attended an OAH Council meeting(s)
- I have provided feedback or reviewed OAH Council documents
- I have presented or provided documentation to the Council for consideration
- I have read the OAH Council September 2018 Report
- I have visited the OAH Council Website
- I have had no interaction with the OAH Council or Council documents

10. Are you willing to participate in a 40 minute follow-up interview?

- Yes
- No

Pre-Interview Email to Interviewees:

- Ask interviewee to look at September 2019 report and specifically note actions/recommendations that are of interest (either positive or negative). Having these noted PRIOR to interview will be helpful during the interview discussion.
- Ask interviewee to please look over their responses to the online survey, for the same reason.

OAH Community Survey: Follow-up Interviews

In-person Questions

(Survey in person or over the phone)

Introduction Text: *Thank you for participating in our online **OAH Community Survey** and for agreeing to participate in our follow-up in-person interview. Together, the survey and interview responses will be used to capture and describe awareness of, engagement in, and priorities for OAH mitigation and adaptation strategies. Your responses will be used by the OAH Council in developing recommendations, and in finalizing the Oregon OAH Action Plan in 2019. This interview should take about 40 minutes to complete. Prior to this interview, you should have received an email containing a copy of your responses to the OAH Community Survey (online survey), as well as the OAH Council Report themes and actions.*

Please be assured that all answers you provide will be kept confidential.

1. In your opinion and based on your knowledge of projected OAH changes, are there foreseeable impacts you expect to observe in the next 20-50 years? Please explain the impacts you anticipate and how it will affect the ecosystem or natural resource you monitor, manage, or use.
2. In question 5 of the online survey, you stated that your organization, agency, constituents, or industry has _____ (not considered/considered/begun/completed) _____ planning for OAH impacts (adaptation and/or mitigation). Can you briefly explain what has helped/or hindered your organization, agency, constituents, or industry planning for OAH impacts?
3. Are there obstacles preventing or making actions difficult, for your organization, agency, constituents, or industry in addressing OAH management and mitigation?
4. Which OAH action, recommendation, or topic do you think was most important in the OAH Council report, relative to the ecosystem or natural resource you monitor, manage, or use?

5. Are there any actions, recommendations, or topics that you think should have been included in the Oregon OAH Council Report, but were not?
6. In question 4 of the online survey, you ordered the themes as shown below. Can you further explain the reasons behind your rankings?
7. In question 7 of the online survey, you ranked the _____ audience as your highest priority for providing up-to-date information on OAH science, impacts and solutions. Can you briefly explain why you selected this audience as the most important for OAH communications?
8. What recommendations do you have, for providing the funding needed by the State to better understand OAH science, impacts and solutions? Do you have ideas on how to diversify the portfolio of funding sources?
9. What modes of communication would be most effective in reaching members of your organization, agency, constituency, or industry? For example, public meetings, brochures, websites, or educational events?
10. Is there anything else do you want to share with us, as we move forward on building Oregon's OAH Action Plan?
11. Would you be willing to be contacted to participate in a future review of the draft Action Plan?