



Oregon Coordinating
Council on Ocean
Acidification & Hypoxia

OAH Council meeting – Summer 2021

Wed., July 14, 2021 2:00 PM – 4:00 PM PT

Meeting Summary

Attendees

OAH Council members:

Dr. Jack Barth (Co-Chair, OSU), Dr. Caren Braby (Co-Chair, ODFW), Brandii Holmdahl (Fishing Rep), Rian vanden Hooff (ODEQ), Andy Lanier (DLCD), Dr. Jessica Miller (Academic Rep), Kristen Penner (Shellfish Industry Rep), Fran Recht (Conservation Organization Rep), John Schaefer (Tribal Gov. Rep)

Absent: Alex Manderson (ODA), Kristen Sheeran (Gov.), Dr. Shelby Walker (OSG)

OAH Council Staff

Dr. Liz Perotti, Yalin Li (intern)

Audience attendees: None

COUNCIL BUSINESS

2:00 pm – 2:50 pm

General Updates

- Welcome and introductions by members to Oregon Sea Grant Summer Scholar, Yalin Li, who is the OAH Policy intern with ODFW to assist OAH Council outreach and communication efforts.
- Status update of HB 3114, a bill allocating funds to implement several priorities identified by the OAH Action Plan and Legislative reports. Bill signed by both houses and is awaiting Governor Brown's signature. Press release prepared for issue once signed.
- Update on 2021 OAH Fishermen-Scientists Roundtable (RT), held via Zoom late May. Good geographic and fishery sector representation by fishermen. Scientists, some observers, moderators, and student notetakers also attended.
- Provided updates on observations and concerns, breakout groups to identify a specific problem or need and short and long term actions. Take-homes included that the virtual forum was effective, fishermen felt like the scientists came to listen, desire to increase awareness about OAH and the Council's activities, and need to recruit more younger, active fishermen to these RTs.
- Moving forward with one idea discussed at RT, a fishermen app to capture their observations from targeted commercial and recreational fleets. ODFW submitted a proposal for an Oregon Sea Grant Natural Resource Policy Fellow to support this project. Plans to move forward regardless.

- Extended funds from OSG to support in-person RTs and video project. Plan one in-person and one virtual conference in the next year.

Council member updates

- John Schaefer: native blue crayfish found: <https://legacy.aooos.org/wp-content/uploads/2021/06/OA-Species-Response-2021-for-web.pdf>
- Jack Barth: Emily Morrow is the 2021 OSU Marine Studies Initiative intern working with the Oregon Coast Aquarium on OA awareness and behavior. Efforts to bring both OAH interns together to share ideas and add support.
- Continuing to watch upwelling favorable wind; earliest change and third highest upwelling [recorded](#).
- Jennifer Fisher reports that copepod community shows cold water conditions that is persisting.
- Andy Lanier: The Territorial Sea Plan Part 3: Rocky Shores Management Plan (RSP) just concluded a pilot proposal process with working group review. OPAC received recommendations, then will go to DLCD's Commission for approval. Mixed response on satisfaction of outcome about review outcome. Two proposals moving forward are Coquille Pt near Bandon (marine garden) and Cape Blanco (marine research).
- Rian vanden Hooff: \$538 mil related to water investments this past Legislative session, and this didn't include HB3114)
- Jessica Miller: NSF REU experiment with OSG Program Dev. Funds how fish conditions during oogenesis can deal with OA with staghorn sculpin
- Fran Recht: Provided two resources on recent events: [UC Davis results of seagrasses and OA](#), [Steve Pacella seminar](#)
- Nominated Fogerty Creek for Rocky Shore Plan and pointed out that support for marine reserves are 65% and 55% for the state and on the coast, respectively.
- Working on putting instrumentation with Francis Chan on putting instrumentation at Fogerty Creek site to see if there are local impacts of mitigation of OA with high densities of marine algae
- Kristen Penner: no updates
- Brandii Holmdahl: Noted that this is the latest start to tuna fishing in 28 years

HB3114 Implementation Discussion

- Good news – the OOST funds appear to be continuously appropriated rather than restricted to the biennium so funds available and grant period can be independent of the state budget cycle. However, OSU and ODFW funds are restricted to biennium.
- Meeting last week with OOST to discuss the RFP process of the \$1,060,000 allocation
- Goal is to develop the RFPs quickly and efficiently, in a way that ensures the awardees can complete the projects on time and on budget, disperse funds, and get work started as soon as practical. Manage any conflicts of interest.
- Capitalize on expertise of both OOST and OAH Council to get the work done: OOST's role is to develop and execute the RFP process and dispense funds. OAH Council's role is to provide strategic input and ensure intent is met, assist with drafting RFP, utilize expertise to assist with RFP development/advertising process and potentially with grant application evaluation/assessment. May need OAH Council members to be ready to advise on RFP advertisement draft and/or review proposals with quick turnaround.

- Mentioned existing models (e.g. biennially-appropriated legislative funds for OSU ship time, administered by OSU) to draft RFPs. Important to push to move the process forward quickly.
- An important component of the process is to determine reporting requirements, where to house the data, and how to provide access.
- OOST and OAH Council should use this first RFP process to inform future RFPs and build improvements.
- Expect discussion in addition and within the RFP process for advice and recommendations. Example includes recommendations of priorities areas to place Burk-o-later systems
- Discussion about expectation that ongoing appropriations will face increasing stress, so we need compelling talking points for legislators, guide companies and others to easily talk about OAH

UPCOMING PROJECTS

2:50 pm – 3:10 pm

2021 State of the Coast (Seaside Convention Center, Oct 30)

- OAH Council submitted a proposal for breakout group with a fishermen panel
- Builds on breakout last year with a focus on communicating about ocean change with different audiences including connecting to fishing communities, as a way to hear their perspective and ideas about ocean change and collaboration.
- If accepted, we will recruit fishermen to participate; may complement additional OAH Fishermen-Scientists Roundtable at that time

ODEQ Technical Panel for marine water quality standards (Rian vanden Hooff)

- Background on two processes: Biennial Integrated Report, Triennial Review Methodology and Standards Review Process
- Water quality and assessment team: 2 year cycle for water assessment and IR to EPA for which waters are impaired and for which pollutant. Next cycle is the 2022 report and call for data earlier
- Standards assessment team: 3-year cycle for projects to update and approve standards and methodology
- Appreciates engagement by this Council and comments provided to help guide prioritization for re-evaluation. That report submitted to EPA. Some changes made based on comments received. Expect EPA to review in next few months.
- OAH standards and where they sit – DEQ recognizes that they need to improve for marine waters and creating a technical workgroup as soon as Sept. Finalizing list for invitations to going out.
- ODEQ submitted a proposal for OSG NRP Fellow to help facilitate this technical working group.
- Looked to other states to coordinate and learn from their processes and if they identified any impairment of marine waters based on OAH. CA did not proclaim any listings this round based on lack of high quality data and issues around not having great metrics. Also coordinate with WA. They have been held up a little with metrics (unsure)
- EPA Region 9, 10 hoping to support this work, so expected improvements for future

Hypoxia video project (Caren Braby)

- Part of the CHRP grant that Jack Barth and Francis Chan has on impacts in crab fishery
- Development of lower-costs oxygen sensors in commercial crab pots;
- Video would be updated from earlier to 2000's akin to more recent OA video projects

- OAH Council wanted to partner with them to help that along and OSG video project funding – still intent to assist with that
- Two resources submitted to the group: <https://legacy.aaos.org/alaska-ocean-acidification-network/about/mission/> and CA equivalent <https://c-can.info/>

Infographic development (Liz Perotti, Yalin Li)

- Priority outreach product is a species infographic communicating potential risk or vulnerability to OAH for Oregon resident species, similar to what CA and AK produced
- We are developing 2 separate infographics: OA, Hypoxia. They are decoupled given the disparity of species studied, and potential differences in response and interactive responses between OA and hypoxia. They will have a cohesive presentation.
- Drafts of the OA infographic presented at the RT and then to the E&O group with good feedback.
- These infographics could be living documents that are updated annually as new research emerges, much like Seafood Watch cards from Monterey Bay Aquarium.

OAH WORKING GROUPS

3:10 pm – 3:25 pm

Yaquina Bay OAH Monitoring (Liz Perotti)

- Review [2020 Report – Appendix D](#)
- Convened last month to talk about efforts to sustain and improve monitoring in Yaquina Bay.
- The current installation in the Port for Newport has performed well, but needs further funds and leader to take over with maintenance.
- OSU dock is also being renovated and we had a discussion about potential for instrument testing and installation as well as meteorological station could be built into the design and renovation.
- HMSC working on soliciting instrumentation lists from stakeholders, looking for additional funding to support their installation and thinking about an MOU process by which OSU would purchase the instruments and users would maintain and calibrate them.
- Funding from HB 3114 could aid in these efforts.

OAH Education and Outreach

- Review [2020 Report – Appendix H](#)
- Met in late June and provided updates and relevant documents and reports that were published since the last meeting.
- Workgroup planning:
 - State of the Coast breakout
 - Long standing working group that still has an important role and work to do with increasing awareness OAH, brief discussion on member roles, desired focus for the group. Structure and further discussion tabled
 - Short-term action plan for the rest of 2021, with a focus on the upwelling season and associated hypoxia with expected impacts this year and actions we can do in the absence of a communication plan; utilize release of infographics
 - Press release highlighting the projects that will be implemented through HB 3114
 - Not everyone involved in HB 3114 had their elevator speech; we can help prepare them
- Team of commercial/industry voices who can deliver the messages (including video project)

- Council members discussed request for signing ceremony for bill through the Governor's Natural Resource Office

PUBLIC COMMENT

- No public attendance or comments

COUNCIL PLANNING

3:25 pm – 3:30 pm

- Next Council meeting in late Sept, Oct
- Closing Remarks from Co-Chairs and other members
- Adjourned approximately 30 minutes early with no public comment and efficient discussion.