



**Olympic Coast Ocean Acidification Sentinel Site
Symposium Agenda
May 14-16, 2024
Rainforest Arts Center
35 N Forks Ave, Forks, WA 98331**

Day 1: May 14, 2024

- 9:30 - 10:00am **Check in, open networking (coffee and tea provided)**
- 10:00 -10:20am: **Welcome and Opening**
- 10:20 - 10:50am: **Olympic Coast Ocean Acidification Sentinel Site Overview**
 - Goal: Provide an overview on ocean acidification and the sentinel site.
 - Moderator: Katie Wrubel, Olympic Coast National Marine Sanctuary
 - Speakers: OASeS Co-Chairs - Micah Horwith (Department of Ecology) and Tommy Moore (Northwest Indian Fisheries Commission)
- 10:50 - 11:50am: **Culture, Values, and Indigenous Knowledge**
 - Goal: To put the importance of place into context.
 - Moderator: Melissa Poe, Washington Sea Grant
- 11:50 - 12:30pm: **Climate Action and Solutions**
 - Goal: To share national, regional, tribal, state, and local efforts to address climate change
 - Moderator: Micah Horwith, Washington State Department of Ecology
 - Tamara Jones, Washington State Department of Ecology, Carbon Pollution Reduction Program - *Overview of Carbon Emissions Reduction Efforts in Washington State*
 - Liz Perotti, NOAA's Ocean Acidification Program - *What's New with National Action Planning*
- 12:30 - 1:30pm: **Lunch Provided**
 - Optional working lunch: (Liz Schotman - Surfrider Foundation) - How to connect people to the policy processes? What is the role(s) attendees can play?



- 1:30 - 2:50pm: **Education and Outreach on Changing Ocean Conditions**
 - Goal: Share educational resources, curricula, and STEM engagement opportunities for the Olympic Coast. To hear what resources are available, what may be needed, and how OASeS could better engage in formal and informal education needs
 - Moderator: Tommy Moore, Northwest Indian Fisheries Commission
 - Liz Perotti, NOAA's Ocean Acidification Program - *Ocean Acidification Program Education Resources - What's New for the PNW*
 - Chris Butler-Minor, OCNMS - *Exploring Office of National Marine Sanctuaries Ocean Acidification Resource Collection*
 - Chris Morgan, Peninsula College - *Preparing Students for Natural Resource Management in a Changing World*
 - Jerry Walther, Taholah School - *Hypoxia and acidification with Quinalt Natural Resources and Oregon State University*
 - Ella Ashford, Sea Dragon ROV Team - *Expanding Ocean Science Pathways through Olympic Peninsula ROV Programs*

- 2:50 - 3:00pm: **Break**

- 3:00 - 5:00pm: **Tribal and Local Knowledge Cafe**

- 5:30 - 7:00: **Evening Reception at the RAC - hors d'oeuvres provided**



Day 2: May 15, 2024

- 8:00am: **Open networking (coffee and light refreshments provided)**

- 8:30-10:30am: **Dungeness Crab and Changing Ocean Conditions**
 - Goal: Understand current and projected ocean change impacts to Dungeness crab and management strategies for a changing ocean environment
 - Moderator: Tommy Moore, Northwest Indian Fisheries Commission
 - Dick Feely, NOAA's Pacific Marine Environmental Laboratory - *The combined effects of acidification and respiration on pH conditions within Washington coastal waters.*
 - Simone Alin, NOAA's Pacific Marine Environmental Laboratory - *Near-future projection of acidification levels in Dungeness crab habitat along the Olympic Coast*
 - Jennifer Hagen, Quileute Tribe - *Hypoxia Monitoring Moorings*
 - Paul McElhany, NOAA's Northwest Fisheries Science Center - *Dungeness crab in an acidifying (and mCDR) ocean*
 - Matt George, Washington Department of Fish and Wildlife - *Coastal Dungeness crab Management in a Changing Ocean*
 - Q&A for speakers (~15 minutes)
 - Breakout sessions (~30 minutes)

- 10:30 - 10:45am: **Break**

- 10:45 - 12:00pm: **Rotation Station (Breakout sessions)**
 - **Resource Walk** - To share tools used for collecting environmental data.
 - **Data viewers and dashboards** - How do you get information now? What information do you need? Where do you feel there is lacking information?
 - **Community science** - What programs exist for community science? If programs exist or could exist on the coast, what might be needed to support them if there is interest?
 - **Climate Policy Solutions** - There are a number of national and state legislation/policies on climate change and changing ocean conditions (CCA, CWA, FORAM 2.0, etc.) - how are people engaging in these processes? What other solutions are needed?
 - **Other topics?**

- 12:00 -1:00pm: **Lunch provided**



- 1:00 - 2:30pm: **Climate Resilience on the Olympic Coast**
 - Goal: Share approach and results of the ocean acidification Regional Vulnerability Assessment as well as tribally-led initiatives for climate resilience
 - Moderator: Micah Horwith, Washington State Department of Ecology
 - Jan Newton, University of Washington - *OA and Vulnerability: Regional Species Stories*
 - Melissa Poe, Washington Sea Grant - *Olympic Coast: holistic ties to social-ecological well-being*
 - Jenna Rolf, Makah Tribe - *Makah Climate Resilience and Food Sovereignty*
 - Julie Ann Koehlinger and Hannah Tennent, Hoh Tribe - *Documenting the Past and Preparing for the Future: Hoh Indian Tribe Climate Change Assessment*

- 2:30 - 2:45pm: **Break**

- 2:45 - 3:45: **Marine Carbon Dioxide Removal**
 - Goal: Share information about marine carbon dioxide removal approaches
 - Moderator: Tommy Moore, Northwest Indian Fisheries Commission
 - Jessica Cross, Pacific Northwest National Laboratory - *Cleaning up climate change: The role of the oceans in carbon dioxide removal*
 - Meg Chadsey, Washington Sea Grant - *mCDR in the Pacific Northwest*
 - Kyla Westphal, Ebb Carbon – *mCDR Efforts in Washington*

- 3:45 - 4:15pm: **Wrap up and What's next for OASeS?**
 - OASeS Co-Chairs - Tommy Moore and Micah Horwith

- 4:15 - 4:30pm: **Closing**

- 5:00 - 8:30pm: **Optional: Quileute Drum Circle - Akalat Center in La Push**
 - Please plan to bring a dish to share (can pick something up at Thriftway) as dinner starts at 5pm



Day 3: May 16, 2024

OASeS Steering committee meeting

- 8:30-9:00 am **Overview/Recap of Symposium**
 - What worked well? What can be improved for 2026?
 - Coffee and light refreshments provided
- 9:00-10:30am: **Work Plan Progress**
 - Review of Work Plan, determine if results of symposium panels address existing tasks, if new tasks need to be added, etc.
 - How to better “promote” OASeS?
 - Is OASeS a “value add” for members? For communities?
- 10:30-11:30am: **Steering committee business**
 - Co-chairs, meeting schedule, and membership
 - Budget and spend plan following symposium (through June 2025)
- 11:30 – 12:00pm: **Wrap up and next steps**
- 12:00 – 12:30pm: **Lunch provided**
- 12:30 - 4:00pm **Optional Field Trip:**
 - ~1:00pm - Dockside tour of the OCNMS Research Vessel *Storm Petrel* at the Quileute Marina (tentative based on vessel availability)
 - ~2:00pm - First Beach Walk, La Push, WA



Thank you to our partners for making this event possible!



Thank you to the City of Forks and the Rainforest Arts Center for accommodating us!