



# Olympic Coast Ocean Acidification Sentinel Site Steering Committee Meeting

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# OASeS Update



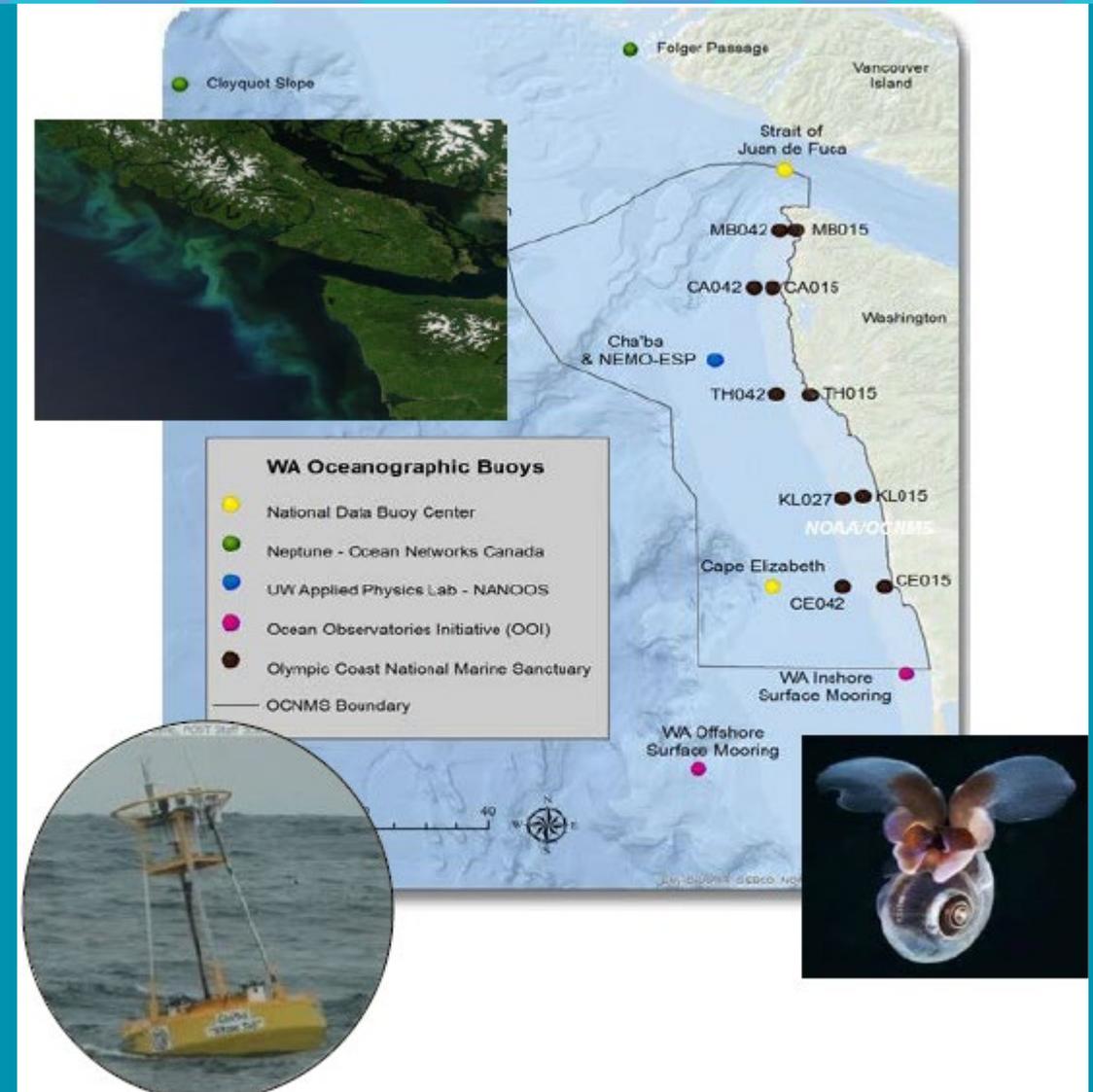
- Met September 2020 and January 2021
- Selected Co-chairs
  - Russell Callender, Tommy Moore, Micah Horwith
- Finalized Terms of Reference
- Developing 2021 Work-plan
  - Management
  - Science
  - Education and Outreach



# Inventory Review



- **Inventory:**
  - Multi-year monitoring – oceanographic, stock assessments, intertidal, seabirds, kelp, DSCS
  - Education and Outreach efforts – OCNMS
- **Management Needs:**
  - Resource management, water quality, forecasting, modeling; Decision support
- **Science Needs:**
  - Integrate biological monitoring with oceanographic, species vulnerabilities, socio-economic impacts, multi-stressor , maintain and expand monitoring
- **Education and Outreach Needs:**
  - Communicate broadly, promote awareness, connect educators, link to resource managers and decision makers



# Breakout Session Questions



1. Are these the right priorities?
2. Are there any missing?
3. Can we prioritize these for OASeS?
4. For those that are high priorities, can we add more detail or nuance?
5. What can we achieve in 2021?
6. Do we need subcommittees to continue to work on this effort before the next meeting?

# Goal 1: Management



- Create an outer coast report for decision makers/resource managers
  - Integrate decision makers across the community to intersect with health, economics, transportation, food availability, and well-being
- Use TOR objectives to refine a concise prioritized list from the inventory.
- Identify decision points and authorities that can integrate OA into decision making
- Carbon Emission Reduction Policies
- Reactive vs proactive decisions: A call for explicitly defined needs
  - Species and life stage vulnerability should be prioritized
  - Regional Vulnerability Assessment should be utilized to narrow down species list
  - Include industry in discussions
  - Use seasonal models to help identify hotspots, refugia, restoration targets
  - Increase real-time inshore monitoring during upwelling season

# Goal 2: Science



- 2 high priority questions were identified from the 2016 meeting
  - 1) How rapidly is seawater chemistry changing, and at what locations will it change the most?
  - 2) Are OA and hypoxia impacting biota now?
- Website and report: pulling together the story to make patterns clear
  - Present chemical and biological connections, ongoing work, knowledge gaps and list top priorities of OASeS.
  - Incorporate temperature, oxygen, salinity, and physical process within the sentinel site's science
- Refine inventory summary using TOR objectives to have a concise prioritized list.
  - Reference ongoing work or data that can be accessed to support progress

# Goal 3: Education and Outreach



- Additional priorities identified
  - Understand the public to bolster engagement
  - Explore and incorporate citizen science for an effective tool
  - Garner the attention of authoritative, traditional media sources
  - High impact visuals and an indicator species (or “mascot”) to increase accessibility
  - Inform congressional delegates and state legislatures.
    - Train members of the OASeS committee on legislator engagement
    - Carbon policy needs to be lobbied for and taught to the public
- Action for this year
  - Continue OA educational toolkit for curricula and educator training
  - Continue to meet as an educational working group between quarterly meetings.
  - Develop Strategic Communications Plan
  - Finalize OASeS 2-page description for public viewing

# Action Items (near-term)



- 1) Refine inventory with TOR objectives for all 3 goals
- 2) Jurisdictional authorities matrix relevant to OA
- 3) Reactive versus proactive examples
- 4) Education subcommittee - ongoing meetings
- 5) Strategic Communications Plan including:
  - Website schema and logo competition
  - Outreach materials
  - 2-page OASeS description document

# Wrap up



- Next Meeting Date
  - April 2021
  - Potential Fall symposium
  
- Questions?



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SANCTUARIES