



Final Agenda

Ocean Observatories Initiative Facility Board (OOIFB) and
Data Systems Committee (DSC) Meetings
May 6-8, 2025
Oregon State University, Corvallis, Oregon

Zoom Login Information for Virtual Participants: The log-in information will be provided separately by email. To receive the Zoom invite, please [RSVP HERE](#).

If you are attending in person, please complete [this meeting planning/logistics form](#).

General Meeting Schedule:

- Tuesday, May 6, 2025 - OOIFB-DSC meeting, DSC focus
- Wednesday, May 7, 2025 - OOIFB-DSC meeting, OOIFB/OOI focus
- Thursday, May 8, 2025 - OOI Science Plan/Decadal Review discussion; Endurance Array site visit(s)

Meeting Goals for the DSC:

- Better understanding of the current data maturity status (including QA/QC).
- Get updates on ongoing and future activities/plans for DSC/CI and provide feedback.
- Discuss the DSC Annual report.
- Discuss how to bring new approaches into the data process and ways to help develop these in collaboration with users.
- Review the plan for other DSC 2025 actions and brainstorm future activities.

Meeting Goals for the OOIFB:

- Engage in constructive conversations with the OOI Program & MIOs about recent successes and other identified topics.
- Review current and future OOIFB community engagement activities.
- Discuss the 2025-2025 Decadal Review of Ocean Sciences in the context of the OOI and the current OOI Science plan. Determine opportunities to better engage with the community.

[All times are local, Pacific Time]

Tuesday, May 6, 2025

Day 1: OOIFB-DSC meeting, DSC-focus day, LaSells Stewart Center, Ag Science Room

- 0900 Overall Meeting Welcome – *Dax Soule, OOIFB Chair*
- 0905 DSC Introductions & Agenda Overview – *Jim Potemra, DSC Chair*
- Brief membership recap/review
- 0915 Revision/Discuss activities outlined in the 2024 DSC Annual Report (review)

- recommendations, master timeline of activities, updates) – *Jim Potemra*
- 1015 *BREAK*
- 1030 Ocean Networks Canada (ONC) updates (machine learning/AI and acoustics; QA/QC efforts and user comms) – *Meghan Paulson (ONC, Executive Director, Observatory Operations)*
- 1110 External presentations (different groups/agencies and data service activities to provide additional insight for discussions about OOI data services)- 12 min each with 8 min discussion (20 min total)
- 1110: NEON dashboard/QC- *Teresa Burlingame (NEON/Batelle)*
 - 1130: National Ocean Service Observations in Operational Modeling- *Lucila Houttuijn Bloemendaal (NOAA)*
 - 1150: The Harmful Algal Bloom Data Assembly Center: A National Cyberinfrastructure Framework for Plankton Imagery - *Clarissa Anderson (Scripps; Southern California Coastal Ocean Observing System, SCOOS)*
 - 1210: Nitrate Response to Coastal Upwelling on the Oregon Shelf: Insights from OOI Endurance Array Profilers- *Andrew Scherer (Oregon State University)*
- 1230 *LUNCH- the Arnold Dining Center is a 5min walk (and open to the public)*
- 1330 OOI Data Delivery System Presentations (including CI and Data Delivery Updates)
- 1330: OOI Data Delivery Manager Report - *Jeff Glatstein*
 - Updates from the last 6 months, including unplanned yet impactful activities
 - 1350: OOI Cyberinfrastructure/Data storage - *Craig Risien*
 - Updates from the last 6 months, including unplanned yet impactful activities
 - 1410: Q&A/Discussion
- 1430 OOI Data Working Session: QA/QC Discussion
Goal of this working session: *To discuss and better understand current and future activities focused on OOI data QA/QC*
- 1430: Using DOIs to find and cite data - *Jim Edson and Amber Coogan*
 - 1435: Data Product Specification update - *Jim Edson and Matt Palanza*
 - 1440: Automated QC Phased Implementation - *Al Plueddemann*
 - 1450: Forward thinking for QA/QC (and platforms for communicating details) – *Jeff Glatstein*
 - 1505: Discussion
- 1530 *BREAK*
- 1550 OOI Data Working Session: Jupyter Hub (*Jeff Glatstein and Joffrey Peters*)
Goal of this working session: *How to use Jupyter Hub to grow OOI user community (build community; share ideas; include feedback, education, collaborations via shared JHub notebooks, etc.)*

- JH Intro and follow up topics (Jeff)
- Short demo on JH (Joffrey)

1645 DSC Other Business – *Holly Morin*
Next DSC meeting: Thursday, May 15 2025 (?)

1650 Around the Table and Closing Remarks – *Jim Potemra*
Review the goals for today >> did we achieve these goals?

1700 Adjourn for the day

1800 Group dinner (individuals to pay on their own): Block 15 Brewing, 300 SW Jefferson Ave, Corvallis, OR 97333

Wednesday, May 7, 2025

Day 2: OOIFB-DSC meeting, OOIFB-focus day, LaSells Stewart Center, Ag Science Room

08:30 Coffee

0900 Welcome, Introductions & Review agenda – *Dax Soule, OOIFB Chair*

- Brief membership recap/review
- Upcoming events (full engagement overview later):
 - IFCB Community Forum (June 2025, UNC Wilmington)
 - Underwater Acoustics Summer School (July 2025, UW)

0910 Updates from NSF – *George Voulgaris, NSF Program Director*

0915 Updates from the OOI Program Office and MIOs

Goal: To encourage constructive discussion.

Format: Each presentation should include: 1. Successes (examples to highlight) and 2. Specific things that the OOIFB/DSC would like to hear about (and suggested)

- 0915: OOI 2.5 Program Update
 - OOI PMO Report – *Jim Edson* (15 min)
 - Brief description of Facility
 - Metrics for publications, funding support and acknowledgements
 - Community Engagement activities – *Amber Coogan* (10 min)
 - Discourse and the user community
 - Data and Community Ambassador programs
 - Some ideas to promote our support for science through Highlights, Science Themes and Publications
 - Q&A (15 min)
- 0955: MIO- Array presentations (20 min pres/20 min questions/discussions- 40 min total)

- 0955: CGSN Arrays: Operational status, technical developments, and community science – *Al Plueddemann and Derek Buffitt (WHOI)*
 - 1030 Q&A
- 1050: *BREAK*
- 1110: Endurance Array: Operational status, improvements in marine carbonate systems, and community science – *Ed Dever (OSU)*
 - 1130 Q&A
- 1150: Regional Cabled Array: Operational highlights, technological and science advancements, QA/QC status dashboard – *Deb Kelley (UW)*
 - 1220 Q&A

1245 *LUNCH- the Arnold Dining Center is a 5min walk (and open to the public)*

1350 NSF Education Program Updates (15 min presentations; 10 min Q&A)

- 1350: MTS microcredentials overview and OOI connections (*Liesl Hoatling/Mike Muglia*)
 - 1405: Q&A
- 1415: Using Ocean Observatory Initiative Data to Improve Undergraduate Students' Scientific Reasoning (*Kathy Browne, Andrea Drewes and Gabi Smalley, Rider University; Sage Lichtenwalner, Rutgers University*)
 - 1430: Q&A

1440 OOIFB and the Community, Engagement Discussions – *Dax Soule/Holly Morin*

- IFCB Community Focus Group, June 2025 (University of North Carolina, Wilmington)
- Summer School on Acoustics, July 2025 (University of Washington)
- Town Hall, American Geophysical Union Meeting, December 2025 (New Orleans, LA)
 - Axial Seamount focus (keynote presentation[s] and potential lightning talks)
 - Potential for an ECS style luncheon event (no offsite TH sessions)
- Early Career Scientist (ECS) engagement (starting with AGU 2025?)
- Ocean Sciences Meeting, February 2026 (Glasgow, Scotland)
 - Town Hall: broad observatory focus (Q&A session with scientists from diff observatories- have a conversation about challenges and opportunities)
 - Special Session: thematic to ocean observing in the North Atlantic
- Broad Discussion: other engagement opportunities (scientific and engineering communities)?

1530 *BREAK*

1545 Group Photo

1555 *Decadal Survey Discussion I* [to help set the stage for tomorrow's working groups]

>> OOI and OOIFB perspectives (*Jim Edson, George Voulgaris, and Mike Muglia*)

>> Optimizing the OOI for the short-term and long-term

1630 Other Business- Holly Morin

- November 2025 OOIFB-DSC in person meeting (NSF offices, Alexandria? Dates?)

- Next OOIFB Web Conference on May 20th?
 - Does the 4th Tuesday at 4pm ET still work for everyone?

1640 Around the Table and closing remarks – *Dax Soule*
Review the goal for today >> did we achieve these goals?

1700 Adjourn for the Day

1830 Group dinner (individuals pay on their own): del Alma Restaurant, 136 SW Washington Ave, Corvallis, OR 97333

Thursday, May 8, 2025

Day 3, Decadal Review/Discussion, Strand Agriculture Hall, Room 340 [NOTE CHANGE IN ROOM] and “Field Trip Thursday”

08:30 Coffee

0900 *OOIFB-DSC Working Session, Decadal Survey Discussion II*: Discussion and synthesis of the OOI Science Plan Document and the NAS 2025-2035 Decadal Survey of Ocean Sciences for the National Science Foundation

- Introduction [led by Paulinus, Rosie, and Mike] *15 min*
- Small group assignments to review/discuss certain sections *35 min*
- Small Group Outputs and Full Group Discussion *40 min*
 - >> Science plan?
 - >> Potential for array optimization (in the short and long term)

1030 Wrapup/Meeting Adjournment

1045 Depart for OOI-Endurance site (Ocean Observatories Center- OOC; personal cars or van)

1100 Arrive, OOC (no parking permit needed at OOC); OOC tour

12:15 Depart for Data Center (Burt Hall 3 [Environmental Computing Center] at the corner of 27th and NW Jackson)

12:30 Arrive Data Center (personal cars or van; parking permits needed); Data Center tour

1300 Lunch on Monroe (or individuals depart for airport, etc.)
[van can go to hotel if needed]