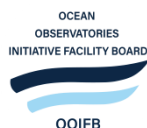


Draft Agenda



Ocean Observatories Initiative Facility Board (OOIFB) and
Data Systems Committee (DSC) Meetings
Wednesday, and Thursday, November 13-14, 2024
University of Washington, Oceanography Teaching Building (OTB)
Seattle, WA 98105

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

General Meeting Schedule:

- Wednesday, November 13th – DSC Meeting
- Thursday, November 14th – Joint meeting of the OOIFB and DSC, end of day BBQ
- Friday, November 15th – site visits and other activities (“Field Trip Friday”)

Meeting Goals for the DSC:

- Cont’d, “data levels document” discussions
- Hear from different groups about their data service activities, including data use cases and cloud services
- Discuss how to bring new concepts into the data process and ways to help develop them with user input.
- Review plan for other DSC 2024 actions; prep for annual report; brainstorm future activities

Meeting Goals for the OOIFB:

- Think big about future OOIFB activities and objectives
- Program & MIO updates; coordinate OOIFB and NSF OOI activities
- Discuss OOIFB community engagement activities
- Hear from outside presenters on research and other efforts that can inform OOIFB engagement activities

[All times are Eastern Time]

Day 1, Wednesday, November 13, 2024

08:30 Coffee

0900 Welcome, Introductions & Review agenda – *Jim Potemra, DSC Chair*

- Brief membership recap/view [welcome Jacqui Degan and Meghan Paulson]

0915 OOI Data Delivery System Presentation – *Jeff Glatstein*

1015 Artificial Intelligence (AI) Data Processes – *Charles Varderman, University of Notre Dame Center for Research Computing*

1045 BREAK

- 11:00 External presentations (different groups/agencies and data service activities)
- GOOS Observation Data Group and ERDDAP – *Kevin O'Brien (NOAA PMEL/UW)*
 - Using Machine Learning/Computer Vision with RCA Imagery – *Katie Bingham (UW)*
- 1230 LUNCH
- 1330 OOI Data Working Sessions
- Zarr Files
 - JupyterHub
 - DSC Data Levels document
- 1530 BREAK
- 1545 Revisit Activities outlined in the 2023 DSC Annual Report (review recommendations, master timeline of activities, updates) – *Jim Potemra*
- 1615 DSC annual report prep; future activities brainstorming – *Jim Potemra*
- 1645 DSC Other Business – *Holly Morin*
- 1650 Around the Table – *Jim Potemra*
- 1700 DSC Closing Remarks – *Jim Potemra*
Adjourn for the day (dinner on your own)

Day 2, Thursday, November 14, 2024

[*vans arrive at Silver Cloud hotel by XXX to transport meeting participants]

- 08:30 Coffee
- 0900 Welcome, Introductions & Review agenda – *Dax Soule, OOIFB Chair*
- Brief membership recap/review [applications to close 11/18/2024]
 - Reminder, in-person meeting plans: UW in Fall 2024; OSU in Spring 2025; back to NSF Fall 2025
- 0910 Updates from NSF – *George Voulgaris, NSF Program Director*
- 0930 Update from the DSC – *Jim Potemra, DSC Chair*
- DSC focus areas and activities
 - Recap of DSC Discussions from November 13, 2024
- 0950 Report out from OOIFB-DSC Knowledge Base Subcommittee – *Karen Bemis,*

Subcommittee Chair

1020 Updates from the OOI Program Office and MIOs – Updates will include information about operational updates, sensor refresh activities, community engagement efforts, and user metrics. There will be time for questions after each report (times below include 5 minutes for Q&A) with a discussion period at the conclusion of the session.

- 1020: OOI 2.5 Program Update
 - OOI PMO Report – *Jim Edson* (15 min)
 - Community Engagement activities – *Amber Coogan* (10 min)
- 1045: Break (15 min)
- Status of each array and community engagement activities
 - 1100: Regional Cabled Array (20 min) – *Deb Kelley* (UW)
 - 1120: Endurance Array (20 min) – *Ed Dever* (OSU)
 - 1140: Pioneer & Global Arrays (20 min) – *Al Plueddemann/Derek Buffitt* (WHOI)
 - 1200: Discussion (15 min)

1215 LUNCH

1315 External presentations I (diff groups/agencies- informative to both the DSC and OOIFB)

1340 NSF Education Update

1400 CI and Data Delivery Updates

- OOI Data Delivery Manager Report - *Jeff Glatstein* (10 min)
- OOI Cyberinfrastructure/Data storage - *Craig Risien* (10 min)
- Q&A (10 min)

1430 External presentations II

1510 BREAK

1525 External presentations III

- Distributed Acoustic Sensing (DAS) through the RCA – *Ethan Williams, Brad Lipovsky* (UW)
- Updates from Ocean Networks Canada, *Meghan Paulsen*

1555 OOIFB and the Community (30 min) – *Dax Soule/Holly Morin*

- Update/Discussion: Summer School 2025, Acoustics Workshop [University of Washington]
- Update: AGU 2024 (Washington DC)
- Discussion: Axial Seamount Eruption (potential community engagement?)
- Discussion: JupyterHub data access forum (?)
- Discussion: Early Career Scientist engagement (starting with AGU 2025?)
- Discussion: OSM 2026-Glasgow

1625 BREAK

1635 Afternoon Keynote: “Urban Sea Systems” and Digital Twins – John Delaney (UW)

1720 Wrap up and closing remarks – *Dax Soule*

1730 Adjourn for the Day
OOIFB-DSC BBQ at UW

Day 3, Friday, November 15, 2024 (“Field Trip Friday”)

0900 Vans depart Sliver Cloud Hotel

0915 Arrive, Sand Point Logistics Facility

1045 Depart Sand Point

1100 Arrive Ben Hall, UW Applied Physics Laboratory (APL)

1140 Depart Ben Hall

1145 Arrive OPS Center

1230 Vans depart UW campus; back to Silver Cloud