

OBSIC OS Virtual Meeting

21 January, 2022, 13:00-14:00 Eastern Time

In attendance: Jim Gaherty (chair), Lindsay Lowe Worthington, Kasey Aderhold, Susan Schwartz, Helen Janiszewski

Agenda and discussion notes

1) discussion of the NSF mid-term review comments that specifically relate to the OBSIC OS and our role

- Community governance for OBSIC was specifically advisory *not* oversight
 - Differences in perspectives on role of committee between community members (including review panel), OBSIC OS, OBSIC facility, NSF
 - Advisory role reflects reality that OBSIC as a cooperative agreement, single award within OCE MGG, and not a facility
 - Note that UNOLS MSROC is also now an “operations” committee
 - New NSF leadership might have new perspective on OS role?
 - **AI (Jim): specific discussion of committee role with new NSF leadership at the next OBSIC OS meeting. Include USGS representative as well?**
- OBSIC OS activities thus far
 - Impacted by pandemic travel restrictions - would have met more often and in person
 - Largely addressing the concerns/issues brought forward by OBSIC facility, but future meetings can use terms of reference to bring forward key committee topics as well
 - Contributed white paper to express community support for improvements to both SP and BB fleet
- How to improve community engagement for feedback, status, etc.
 - **AI (Kasey): Investigate having an OBS/marine seismic SIG for SAGE/GAGE 2022 Workshop.**
 - OBS science webinars? - get in touch with Kasey if willing to give an IRIS webinar! Other venues?
 - Marine Seismic session at SSA 2022
 - Promote and attend if possible (even virtually)
 - **AI () query the ECRs on the MSS organizing committee for feedback on what their experience has been, what their needs are**
 - GeoPRISMS Hawaii workshop (March 2022)
 - “data and technology” breakout session theme – discuss OBS needs
 - OBSICtec moderation – help make sure it happens in timely manner
 - Encourage and assist OBSIC facility in engaging in more experiment/facility promotion, information sharing, enhanced communication to community at large. Perhaps the OS can take an active role in official OBSIC social media?
 - **AI (Jim) include improved community outreach on agenda for next OBSIC OS meeting**
 - Next Marine Seismology Symposium, timing, organization

- Inclusion of international component

2) member thoughts on WHOI's MSRI plan for building out a new broadband fleet

- No significant comment on the specifics of the build out plan - some discussion of the general decision making path to get to the current \$6.5M award and plan involving NSF
- Encourage movement on the build out - monitor for issues/opportunities of manufacturing at scale

3) member thoughts on some of WHOI's management of the current inventory, including possible retirement of the TRMs, effective use of LDEO and SIO equipment (including ABALONES), etc.

- APG - still a future at OBSIC? Previous issues with the datalogger/configuration, also new options coming online with Sparr Webb?
 - **AI (Jim) – include specific agenda item to discuss APG outlook at next OBSIC OS meeting**
- TRMs – low proposal pressure maybe doesn't accurately reflect community interest (especially during covid)?
 - Share and discuss white papers articulating need for shoreline-crossing (amphibious) capabilities from several early-career groups

4) ideas for promoting movement on the badly needed SP refurbishment

- **AI (all) Write a new white paper focused solely on short period instruments**
 - Build on original white paper, expanding SP portion
 - Bring in additional active-source expertise
 - Incorporate more specific framework on the marine seismic facility (ship)?

5) facilitating USGS/UNOLS cooperation on rapid response, and other related RR issues.

- Issue of access to ships on short notice - a point for MSROC to consider
- Example of Queen Charlotte cruise and Alaska EQ
- Need some clarity on the outcomes from both successful and unsuccessful rapid response - short debrief meetings plus public-facing 1-pager?
- CONVERSE - rapid response to volcanic eruptions (<https://volcanoresponse.org/>)
 - May be other discipline specific groups addressing rapid response
- **AI (Jim) – include discussion of RR issues as a discussion point at the MSROC meeting on Friday 1/28. Include NSF, and USGS if possible.**

6) Other issues?

- PI access to data prior to final archive – highly heterogeneous depending on experiment, OBS provider (SIO, WHOI)
- Request a standard process? Short term centralized archive at WHOI?
- **AI (Jim) – include initial PI data access as a topic under Data for next OBSIC OS meeting**