

JOIDES Resolution Facility Board Meeting

17-19 August 2020 (Mtg. 2008)



2008 JRFB Consensus Statements/Action Items

Consensus Statements

1. Statement on COVID-19
- 2a. Scheduling the JR
- 2b. Brazilian Expeditions
- 2c. JR Expedition Preparation Work
3. JRSO
- 4a. 2050 Science Framework
- 4b. 2050 Science Framework Implementation
5. Future Opportunities
- 6a. Orphan Site Criteria
- 6b. Drilling of Orphan Sites
7. Curatorial Advisory Board
- 8a. Barbara “Bobbie” John
- 8b. Holly Given

Action Items

1. Orphan Sites
2. Curatorial Advisory Board
3. IODP Policies

2008 JRFB Consensus Statements

Consensus 1: Statement on COVID-19. The JRFB recognizes the unique situation the JRSO finds itself in with the current global pandemic in terms of operating the *JOIDES Resolution*, sampling of materials from completed expeditions, and analyzing expedition samples and data. Flexibility is essential during these times in order to continue to produce high quality data and science results expected from these expeditions. As such, the JRFB endorses the COPE document produced by the JRSO, in consultation with ODL, for implementing IODP expeditions during the pandemic. The JRFB further recommends that the moratoria for Expeditions 378, 379, 382, 383, and 385 be extended no more than 6 months beyond the respective moratorium periods. Such extensions would include a delay in publication of the Proceedings Volume and a delay in open access to associated data and core samples. The new moratorium dates are:

Expedition 378: 6 February 2022

Expedition 379: 23 February 2021

Expedition 382: 20 May 2021

Expedition 383: 18 July 2021

Expedition 385: 27 September 2021

2008 JRFB Consensus Statements

Consensus 2a: Scheduling of the JR. The challenges of implementing IODP expeditions on the JOIDES Resolution during the current pandemic are immense. Paramount in all decisions is the safety of all concerned. Given the current situation in the port call locations for Expeditions 392 and 393, and the probability that such circumstances will not change before expedition implementation, these have been postponed (but not cancelled). The JRFB has provided guidance to the JRSO for future scheduling that allows flexibility in their approach to implementing drilling expeditions while attempting to schedule at least some of the postponed expeditions.

2008 JRFB Consensus Statements

Consensus 2b: Brazilian Decree. The JRFB regrettably has concluded that Expedition 394 Rio Grande Cone Methane and Carbon Cycling will need to be postponed. This is due to the Brazilian decree that prohibits drilling in Brazilian waters, which most likely will not be rescinded in the near future. This is not helped by the COVID-19 pandemic. The Expedition 394 proponents, as well as the proponents from already postponed Brazilian expeditions (387, 388) should understand that these expeditions remain at the JRFB for scheduling once the situation changes.

2008 JRFB Consensus Statements

Consensus 2c: JR Expedition Preparation Work. The JRFB endorses efforts by the JRSO to install the re-entry infrastructure for Expeditions 390 and 393 in advance of those expeditions, in order to use time more productively once those expeditions are able to sail. The JRFB also encourages the JRSO to evaluate the possibility of including hole maintenance at Site U1309 as part of this effort; specifically, the possibility of retrieving the caliper left in the borehole.

2008 JRFB Consensus Statements

Consensus 3: JRSO. The JRFB commends the leadership and staff of the JRSO for their exceptional support of scientific ocean drilling by the *JOIDES Resolution* in a landscape of rapidly changing operational and global health challenges. The JRFB also commends the JRSO for their continued focus on the present and future well-being of the facility and all of those involved with it.

2008 JRFB Consensus Statements

Consensus 4a: 2050 Science Framework. The JRFB recognizes and applauds the exceptional work accomplished by the IODP '*Exploring Earth by Scientific Ocean Drilling - 2050 Science Framework*' writing and review teams, led by Drs. Anthony Koppers and Rosalind Coggon. Their commitment to developing the future directions of scientific ocean drilling from the international IODP community, and under extraordinary circumstances, provides an unprecedented vision for the coming 25+ years of scientific ocean drilling.

2008 JRFB Consensus Statements

Consensus 4b: 2050 Science Framework Implementation.

Implementation of the 2050 Science Framework will require changes to the standard operating practice we currently have for evaluating proposals and potentially implementing expeditions. The JRFB looks forward to the IODP Forum meeting in September 2020, where discussion on implementing the 2050 Science Framework will begin. The JRFB recommends that the implementation planning include input from the Science Support Office, science operators, facility boards, funding agencies, etc., such that the transition from the current Science Plan to the new Science Framework is as transparent and seamless as possible.

2008 JRFB Consensus Statements

Consensus 5: Future Opportunities. The JRFB is encouraged by the investments made in the maintenance of the JOIDES Resolution by ODL in 2020, and that NSF reported funds saved from deferred expeditions can be used to support expeditions in FY2024, with additional contribution from JR Consortium partners.

2008 JRFB Consensus Statements

Consensus 6a: Orphan Site Criteria. As noted by the 2018 JRFB Consensus 9, and the 2019 JRFB Consensus 13, the JRFB in exceptional circumstances, on a case-by-case basis, will consider to keep unimplemented sites on the board for potential completion at a later date. Exceptional circumstances are now defined as including mechanical failures of the JR, unexpected medical evacuations, etc., but do not extend to weather-related issues (e.g., heavy seas, sea ice, etc.) that are beyond the control of the JRSO and ODL.

2008 JRFB Consensus Statements

Consensus 6b: Drilling of Orphan Sites. The JRFB currently has 12 sites from 5 expeditions that have been approved for staying at the Board for potential future drilling. In order to facilitate the drilling of these “orphan” sites, they will be subject to the following:

- If the time that the site(s) have been at the Board exceeds 5 years beyond the original expedition, the proponents will be asked to submit an addendum to the SEP for review to ensure that the science justification for drilling the site(s) is still valid and if new drilling technology/engineering developments are needed and available that would allow the science goal(s) to be achieved. Based upon input from SEP and the JRSO on these two criteria, the JRFB will decide whether or not to keep these sites at the Board for future drilling
- If the drilling of the sites can be accomplished in a few days, the proponents should consider submitting an APL.
- The feasibility of drilling the hard rock sites will be evaluated by the JRSO after the results of Engineering Expedition 384 are available.
- The proponents may also consider including the undrilled sites in a new proposal to SEP.

The sites will remain a target of opportunity: transit target, one-off opportunities (e.g., Expedition 368X), etc., but with no guarantee that they will be drilled in the current program.

2008 JRFB Consensus Statements

Consensus 7: Curatorial Advisory Board. The JRFB wishes to thank the current CAB Chair, Mike Lovell, and members Richard Arculus and Elisabetta Erba for their exceptional and extended service to the CAB. They have gone above and beyond in their service to our community, having previously agreed to extending their periods of service to 30 September 2020.

2008 JRFB Consensus Statements

Consensus 8a: Barbara “Bobbie” John. The JRFB is extremely grateful to Barbara “Bobbie” John for her excellent service to the JOIDES Resolution and the International Ocean Discovery Program over the last three years. Her experience and insight regarding operational, scientific, and administrative issues that the JRFB has had to deal with means she leaves the board with the program in a much better position. On behalf of an appreciative international scientific ocean drilling community, we acknowledge the contributions you have made and thank you for your service.

2008 JRFB Consensus Statements

Consensus 8b: Holly Given. The JRFB, on behalf of the broad international community, wishes to express deep and heartfelt thanks to Holly Given for the years of service she has given to scientific ocean drilling. Her encyclopedic knowledge and recall of critical facts that govern our program have been instrumental for the smooth running of the International Ocean Discovery Program and her contributions to the ocean drilling programs that came before. Her innate ability to always interject in a positive way at meetings has provided avenues for consensus that would otherwise have taken much longer. As she retires from her duties at the Science Support Office, we applaud her accomplishments that have enabled IODP to be so effective over the years, while also strengthening the international nature of scientific ocean drilling. While she will be sorely missed, we wish her all the very best for the next stage of her life. Thank you so much, Holly!

2008 JRFB Action Items

Action Item 1: JRFB Chair to write to the Co-Chiefs of the orphan sites explaining the implementation criteria to get these sites drilled.

Action Item 2: The JRFB Chair will write to the incoming Curatorial Advisory Board Chair and members informing them of the terms of service.

Action Item 3: (left over 2019 Action Item 7) The following policies and guidelines still require further edits and will be approved by electronic vote. These are the Sample and Data Obligations Policy*, and the Guidelines for the EPSP Safety Review Report and Presentation and Expedition Safety Package.

*the JRFB Chair will work to define when the changes will take effect, including the impact on shore-based sampling parties.