



IODP Forum Meeting April 7-8, 2022 – Vienna, Austria, and Zoom

Consensus Statements*

Consensus 1: The IODP Forum thanks Gilbert Camoin and Nadine Hallmann for hosting the 2022 IODP Forum Meeting at the impressive Museum of Natural History in Vienna. The logistics, both in person and virtual, facilitated a productive meeting with dynamic conversations about scientific ocean drilling.

Consensus 2: The IODP Forum appreciates the efforts by each of the Facility Boards to support a smooth transition to future program(s), in particular: ECORD's increased support for workshops aimed at developing new MSP proposals, the JRFB's efforts to draft new proposal requirements in consideration of other platforms and in discussing additional tasks for the SEP and EPSP, and the CIB's attention to keeping scientific ocean drilling on the potential *Chikyu* schedule.

Consensus 3: The IODP Forum agrees with ICDP that IODP and ICDP could increase the visibility of their collaborative activities when speaking to the science community, other communities, and funding agencies. Also, both programs find that the Land-2-Sea proposal pathway is working well; proposals that were submitted prior to the Land-2-Sea pathway could benefit from more coordination.

Consensus 4: The IODP Forum greatly appreciates that NSF is considering extending the *JOIDES Resolution* from 2025 to 2028. The *JOIDES Resolution* is an essential scientific facility that enables fundamental science through the collection of data and cores to study the interconnectedness of the Earth in places that can only be accessed and understood through scientific ocean drilling.

Consensus 5: The IODP Forum applauds the flexible and inclusive approach proposed at the recent PMO meeting to the organization of the community in support of Flagship Initiatives in the *2050 Science Framework*. It is exciting and sensible to begin by establishing a "Ground Truthing Future Climate Change" steering committee and workshop.

Consensus 6: The IODP Forum thanks ECORD and Japan for presenting the architecture of a future combined ECORD/Japan program, and for starting to stimulate Forum-wide discussions about how a future alliance of ocean drilling programs could be developed.

Consensus 7: The IODP Forum endorses continuing to discuss ways that individual scientific ocean drilling programs could collaborate through a future alliance. Possible areas include collaborating on achieving the goals of the *2050 Science Framework*, development of new technology, communications (e.g., development of an overarching strategic communications plan that can be modified for each partner’s needs), berth allocation across the alliance, and in-kind contributions between partners. In addition to formal mechanisms, the alliance would benefit from continuing to encourage collaborations that grow from the science community.

Consensus 8: Given the rapid pace of developments in data science and IT solutions, the IODP Forum encourages a future alliance to explore the possibilities for an “alliance-wide” data management and storage system that follows FAIR principles with search functions. Common data policies and sample access policies will be essential to effectively facilitate science goals.

Consensus 9: The IODP Forum supports the current distribution of core storage with a common set of curatorial and sampling policies. The current system has proven to be cost efficient and effective in providing fair and open access to scientific ocean drilling cores.

Consensus 10: The IODP Forum (tentatively) agreed to meet next in September 2022 in New York. A PMO meeting will follow.

**Note: NSF abstained from involvement in common statements about a post-2024 program, and further stated that it would be informed but not constrained by these statements.*

Action Items

Action Item 1: NSF is considering whether to support operations of the *JOIDES Resolution* from 2025-2028. As part of this evaluation process, NSF is requesting letters of interest from international partners regarding donations to support these operations. NSF needs these letters by August 1, 2022, and the letters should state the expected yearly level of donation during the potential 2025-2028 period; each berth is estimated to cost \$470k.

Discussion Summary

During the IODP Forum meeting, participants split into four breakout groups – two remote and two in person – for more detailed discussions. Emerging from those groups were the ideas of a Science Support Office supporting all platforms, a single evaluation system (e.g., SEP, EPSP), and a Forum-like group to benefit the overall implementation of the *2050 Science Framework*. Additional discussions are needed to reach consensus, establish funding and oversight mechanisms, determine review procedures (e.g., incorporating platform specific needs), and determine terms of references.