



INTERNATIONAL OCEAN DRILLING PROGRAMME

IODP³ Interim Science Evaluation Panel (iSEP) Meeting

17 – 18 February 2025, Virtual Meeting

Roster

Science Subgroup:

Masataka Kinoshita (Co-Chair)

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| Clara Bolton | Earthquake Research Institute, The University of Tokyo, Japan |
| Anne Briais | CEREGE, France |
| Gerald Dickens | Institut Universitaire Européen de la Mer, France |
| Mari Hamahashi | University of Dublin, Ireland |
| Yumiko Harigane | Yamaguchi University, Japan |
| | National Institute of Advanced Industrial Science and Technology, Japan |
| Michelle Harris | University of Plymouth, UK |
| Kenji Matsuzaki | The University of Tokyo, Japan |
| Erin McClymont | Durham University, UK |
| Rie Nakata | The University of Tokyo, Japan |
| Alessio Sanfilippo | University of Pavia, Italy |
| Mike Weber | University of Bonn, Germany |

Site Subgroup:

Tim Reston (Co-Chair)

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| Laura De Santis | University of Birmingham, UK |
| | National Institute of Oceanography and Applied Geophysics, Italy |
| Jess Hillman | NIWA, New Zealand |
| Maria Filomena Loreto | ISMAR, Italy |
| Nick Schofield | University of Aberdeen, UK |
| Kazuya Shiraishi | JAMSTEC, Japan |
| Yuzuru Yamamoto | Kobe University, Japan |

Liaisons and Observers:

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| Chiara Amadori | IODP ³ Science Office, Proposals and Meetings Manager |
| Nobu Eguchi | IODP ³ Science Office, Co-Director/MarE3, JAMSTEC, Japan |
| Jodie Fisher | IODP ³ Science Office, Communications, Applications and EDI Manager |
| Jun-Ichiro Ishibashi | J-DESC, Japan |
| Myriam Kars | IODP ³ Science Office, Publications Manager |
| Lena Maeda | MarE3, JAMSTEC, Japan |
| Antony Morris | IODP ³ Science Office, Lead Director/ |
| Natsumi Okutsu | MarE3, JAMSTEC, Japan |
| Ulla Röhl | BCR, MARUM, Bremen |
| Marisa B. Rydzy | ECORD Science Operator |
| Sanny Saito | MarE3, JAMSTEC, Japan |
| Nobi Seama | IODP ³ MSP-FB Co-Chair |
| Sean Toczko | MarE3, JAMSTEC, Japan |
| Sasha Turchyn | IODP ³ MSP-FB Co-Chair |

Minutes

1. Welcome and Logistics

The Science Evaluation Panel (SEP) Co-Chairs Tim Reston and Masa Kinoshita called the meeting to order with a welcome and asked attendees to perform self-introductions. They requested acceptance of the Agenda, and reminded those in attendance of the requirement to keep proposal content and discussions confidential.

2. Reporting

- **IODP³ Introduction from the Science Office:** Antony Morris provided an overview of IODP³, including the programmatic structure, an introduction to the members of the Science Office team, the IODP³ Gateway and the *Proceedings of the International Ocean Drilling Programme*. He highlighted changes in practice from the *International Ocean Discovery Program* (“IODP2”) phase of ocean drilling, including changes to the sizes of Expedition Science Teams, variable duration of offshore expeditions, and gave a brief introduction to the new “Scientific Projects using Ocean Drilling Archives (SPARCs)” scheme.
- **Introduction from SEP Chairs to the Meeting:** Tim Reston gave an overview of the SEP procedures and working practices, with an emphasis on changes in the new programme. He introduced SEP members to the new 5-point grading scheme of Transformative, Excellent, Very Good, Good and Fair that replaces the older 3-point scheme (Excellent, Good, Fair).

3. Proposal Reviews

Over the two-days of the meeting, the SEP reviewed 17 Full proposals that were previously at the IODP2 Facility Boards and were resubmitted to IODP³ by the proponents, with the aim of regrading these proposals using the new, expanded IODP³ SEP 5-point grading scheme.

The review outcomes are in the table below.

| Proposal Number | Type | Lead Proponent | Short Title | Recommendation |
|-----------------|----------------------|-----------------------|---------------------------------|-----------------------------------|
| 567 | IODP2 Drilling Full4 | Ann Dunlea | South Pacific | Deactivate |
| 708 | IODP2 Full (Add5) | Juliane Müller | ArcOP | Excellent, Forward to MSP-FB |
| 730 | IODP2 Full 2 (Add) | Judson W. Partin | Sabine Bank | Excellent, Forward to MSP-FB |
| 813 | IODP2 Full (Add2) | Trevor Williams | Antarctic Cenozoic Paleoclimate | Excellent, Forward to MSP-FB |
| 839 | IODP2 Full (Add5) | Karsten Gohl | WAIS development | Transformative, Forward to MSP-FB |
| 857C | IODP2 Full (Add2) | Claudia Bertoni | Messinian Evaporites | Excellent, Forward to MSP-FB |
| 864 | IODP2 Full (Add3) | Tom Dunkley Jones | Brazil Margin | Excellent, Forward to MSP-FB |
| 941 | IODP2 Full2 (Add4) | Yasuhiko Ohara | GODZILLA | Excellent, Forward to MSP-FB |
| 945 | IODP2 Full (Add4) | Luigi Jovane | Brazilian Equatorial Margin | Very good, Forward to MSP-FB |
| 967 | IODP2 Full | Takashi Sano | Ontong Java | Excellent, Forward to MSP-FB |
| 976 | IODP2 Full2 (Add3) | Hans Christian Larsen | Iceland Plateau | Very good |

| Proposal Number | Type | Lead Proponent | Short Title | Recommendation |
|-----------------|--------------------|--------------------|---|--|
| 979 | IODP2 Full2 (Add3) | Wolfram Geissler | Arctic Atlantic Gateway Paleoclimate (previously scheduled as Exp 404) | Transformative (advanced plan) and Excellent (essential and intermediate plans), Forward to MSP-FB |
| 998 | IODP2 Full | Robert McKay | Tracing Antarctic Cryosphere Origins to Climate And Tectonics (TACOCAT) | Revise to Full2 |
| 1004 | IODP2 Full | Uisdean Nicholson | Nadir Impact | Excellent, Forward to MSP-FB |
| 1005 | IODP2 Full2 | Peter Clift | Sunda Shelf | Excellent, Forward to MSP-FB |
| 1012 | IODP2 Full2 | Andrew Newton | North Sea | Very good, Forward to MSP-FB |
| 1015 | IODP2 Full2 | Christopher Lowery | Campeche Bank | Very good, Forward to MSP-FB |

4. Next Meeting

The first in-person meeting of the IODP³ SEP is scheduled for 3-5 May 2025 at the Austrian Academy of Sciences, Vienna (courtesy of our host, Bernhard Plunger). This is on the weekend following the end of the EGU General Assembly.