

JR Facility Science Evaluation Panel (SEP) Meeting 12-14 January 2015
Scripps Seaside Forum, La Jolla, CA USA

Science Subgroup

Jang-Jun Bahk	Korea Institute of Geoscience & Mineral Resources (KIGAM)
Steven Bohaty	University of Southampton
Kevin Brown ¹	Scripps Institution of Oceanography (SIO)
Anders Carlson	Oregon State University
Zanna Chase ²	University of Tasmania
Beth Christensen	Adelphi University
Cornelia Class	Lamont-Doherty Earth Observatory (LDEO), Columbia University
Peter Clift	Louisiana State University
Heitor Evangelista	University of the State of Rio de Janeiro
Eric Ferré	Southern Illinois University, Carbondale
Jörg Geldmacher	GEOMAR Helmholtz Centre for Ocean Research Kiel
Marguerite Godard	Université De Montpellier
Marc-André Gutscher	Université De Bretagne Occidentale
Takahashi Hasegawa ³	Kanazawa University
Verena Heuer	University of Bremen
Steve Hovan	Indiana University of Pennsylvania
Minoru Ikehara	Kochi University
Jun-Ichi Kimura ⁴	Japan Agency for Marine-Earth Science and Technology (JAMSTEC)
Dick Kroon	University of Edinburgh (SEP Co-Chair)
Kathy Marsaglia	California State University, Northridge
Celilia McHugh	Queens College, City University of New York
Lisa McNeill	University of Southampton
Ken Miller	Rutgers The State University of New Jersey
Tomoaki Morishita	Kanazawa University
Yuki Morono	JAMSTEC
Koichiro Obana	JAMSTEC
Matt O'Regan	Stockholm University
Vivian Pellizari	University of São Paulo
Werner Piller	University of Graz
Brian Romans	Virginia Polytechnic Institute and State University (Virginia Tech)
Ashok Singhvi	Physical Research Laboratory
Aleksey Smirnov ⁵	Michigan Technology University
Weidong Sun	Guangzhou Institute of Geochemistry
Jason Sylvan	University of Southern California
Andreas Teske	University of North Carolina
Jun Tian	Tongji University

Unable to attend

¹ Alternate for Julia Reece

² Alternate for Tim Naish

³ Alternate for Masanobu Yamamoto

⁴ Alternate for Satoko Ishimaru

⁵ Alternate for John Tarduno

Site Subgroup

Juichiro Ashi	University of Tokyo
James Austin	University of Texas at Austin
Serge Berné	Université de Perpignan Via Domitia
Ben Clennell	Commonwealth Scientific and Industrial Research Organization (CSIRO)
Weiwei Ding ⁶	Second Institute of Oceanography
Roger Flood	Stony Brook University
Sean Gulick	University of Texas at Austin
Sebastian Krastel	Christian-Albrechts University at Kiel
Gwang Soo Lee ⁷	KIGAM
David Long ⁸	British Geological Survey
David Mallinson	East Carolina University (SEP Co-Chair)
David Mosher	Natural Resources Canada
Dhananjai Pandey	National Center for Antarctic and Ocean Research
Robert Pockalny	University of Rhode Island
Tadeu Reis	State University of Rio de Janeiro
Derek Sawyer	Ohio State University
Cleverson Silva	Federal Fluminense University
Zhen Sun	South China Sea Institute of Oceanology
Gabriele Uenzelmann-Neben	Alfred Wegner Institute
Peter Vrolijk	ExxonMobil

Liaisons and Observers

Jamie Allan	National Science Foundation (NSF)
Carlos Alvarez-Zarikian	<i>JOIDES Resolution</i> (JR) Science Operator (JRSO) – Texas A&M University (TAMU)
Rita Bauer	Intern. Ocean Discovery Prog. (IODP) Science Support Office (SSO) - SIO
Keir Becker	IODP Forum Chair - University of Miami
Carl Brenner	LDEO, Columbia University
Dru Clark	IODP SSO – SIO
Sarah Davies	European Consortium for Ocean Res. Drilling (ECORD) Science Operator (ESO)
Nobu Eguchi	JAMSTEC Center for Deep Earth Exploration (CDEX)
Holly Given	IODP SSO (Director) – SIO
Karsten Gohl	ECORD Facility Board (Chair)
Susan Humphris	JR Facility Board Chair - Woods Hole Oceanographic Institution
Tom Janecek	NSF
Barry Katz	Chevron
Yoshi Kawamura	JAMSTEC
Yuzuru Kimura	Ministry of Education, Culture, Sports, Science and Technology (MEXT)
Adam Klaus	JRSO –TAMU
Denise Kulhanek	JRSO –TAMU

Unable to attend

⁶ Alternate for Jiabiao Li

⁷ Alternate for Seung-Sep Kim

⁸ Alternate for Mads Huuse

Liaisons and Observers (cont.)

Mitch Malone	JRSO –TAMU
Sally Morgan	ECORD ESO
Chris Olson	IODP SSO – SIO
Kentaro Saeki	MEXT
Angela Slagle	LDEO, Columbia University
Karen Stocks	IODP SSO – SIO
Meagan Thompson	NSF
Shouting Tuo	IODP China
Michiko Yamamoto	IODP SSO - SIO

1. Welcome and Introductions

1.1 Call to Order and Self-Introductions

SEP Co-Chair, Dick Kroon, called the meeting to order and asked attendees to perform self-introductions.

1.2 Logistical Announcements

IODP Science Support Office (SSO) Director, Holly Given, welcomed the attendees to Scripps Institution of Oceanography (SIO) and she reviewed, along with Rita Bauer (IODP SSO Project Coordinator) the basic logistics for the meeting.

1.3 Approval of Meeting Agenda

Dr. Kroon reviewed the agenda and introduced two items that had been added to the previously distributed version. The panel approved the agenda.

2. Questions and Answers to Agency and IO Reports

The Agency and IO Reports were provided to the panel members (for their review) approximately 1 month prior to the meeting and are now available at www.iodp.org/meeting-presentations. The reports included the:

- ECORD Facility Board Report
- ECORD Activity Report
- ESO Report
- *JOIDES Resolution* (JR) Facility Board Report
- JR Science Operator (JRSO) Report
- MEXT-CDEX Report
- NSF Report
- SSO Proposal Statistics Summary

Dr. Kroon asked the attendees if they had questions regarding these reports and no questions were voiced.

3. Science Support Office Report

Dr. Given introduced the SSO staff and reviewed their roles and responsibilities; highlighting Dr. Michiko Yamamoto as the primary contact and person responsible for proposal issues and questions. Dr. Given reviewed the latest numbers/distributions of proposals, demonstrated the KML feature on www.iodp.org, reminded panelists to be familiar with the most current version of policy documents such as the Proposal Submission Guidelines, and reviewed the issues to be discussed at the small group meeting, which was held Thursday 15 January, 2015.

More information is provided in Dr. Given's PowerPoint presentation, which is posted at www.iodp.org/meeting-presentations.

4. IODP-ICDP Amphibious Drilling Program (ADP) Proposal Process – Ken Miller

Ken Miller summarized the Draft ICDP-IODP proposal review guidelines, which was prepared by a committee of IODP Forum and SEP Members and ICDP Exec Committee / Science Advisory Group members. The goal in

presenting the document at this SEP meeting was to get the SEP's conceptual endorsement of this draft, then move the next version to the ICDP's Science Advisory Group (SAG), and finally to the appropriate Facility Boards for approval. If approved, both programs could implement the guidelines by next January. Dr. Miller pointed out that the ICDP is aware that they will benefit from the use of the SEP and its processes. The ICDP SAG members were happy to know that proposals would be "better vetted" through the SEP.

More information is provided in Dr. Miller's PowerPoint presentation, which is posted at www.iodp.org/meeting-presentations.

5. Nagoya Protocol – Yuki Morono

Implemented on October 12, 2014, this protocol to the Convention on Biodiversity requires "prior informed consent" for bio-resource sampling within a participating nation's EEZ. Most participating nations have not yet standardized their policies, regulations, or applications, nor have they fully established which government office will provide this consent. Mitch Malone confirmed that this is a correct summary, and stressed that this is a particular challenge for expeditions where no microbiology sampling is planned, but some sampling could happen eventually. He noted, however, that this applies only to those samples collected after October 2014.

Dr. Morono recommended that the SEP begins to think about how this issue will be managed and/or addressed (draft a policy), and that the SEP may need to notify current proponents of this issue (perhaps via a note on their response letter). Karsten Gohl (ECORD FB Chair) stated that it may be too early in the process to draft a policy, but Dr. Allan pointed out that the SEP should be aware of this protocol as another item to consider when judging the appropriateness and feasibility of a proposal.

More information is provided in Dr. Morono's PowerPoint presentation, which is posted at www.iodp.org/meeting-presentations.

6. The Proposal Review and Advisory Process

6.1 Review Procedures

Dr. Kroon and Dave Mallinson (SEP Co-Chairs) summarized the review process as follows:

- Review procedures:
 - Highlights from the SEP Terms of Reference
 - General evaluation criteria for IODP proposals and response letters
 - Rating of the proposal (after external review)
 - Characterizing the Site Survey Data
 - WD Preparation of Proposal reviews
 - Proposal Evaluation Form
 - Co-Chief recommendations – completed offline after the review
 - Actions for Panelists with Conflicts of Interest
- Evaluation of (possible review result for) revised proposals submitted the 1st of October
- Evaluation of (possible review result for) new proposals submitted the 1st of October
- Co-Chairs stressed the need for closer review of drilling plans

More information is provided in Dr. Kroon's PowerPoint presentation, which is posted at www.iodp.org/meeting-presentations.

Additional topics discussed in more detail were:

- Use of the word deactivate: Dr. Kroon proposed to switch to the word reject, but several panel members reminded him that at the June meeting, the panel had agreed to stay with deactivate as a way to encourage proponents.
- Holding Bin terms: Jamie Austin asked if the SEP had a limit on the length of time a proposal could or should stay in the Holding Bin? This topic was deferred for discussion at the Small Group Meeting (see above).
- Increase in volume and decrease in quality of site data submitted by proponents: Dr. Mallinson recommended that the SEP clarify the types of data the Site reviewers DON'T need as a way to reduce the clutter. Barry Katz recommended the group produce one or two samples of "good" packages, so proponents can better understand what they should provide.
- Keeping watchdog (WD) teams consistent and/or tracking WD dialogue for a given proposal: Sean Gulick and Zhen Sun recommended that all e-mails related to WD-Proponent discussions be copied to the SSO or the SSDB, as a way to archive discussions regarding any given proposal. Denise Kulhanek recommended that each annual WD spreadsheet be kept in a single WD workbook to assist in tracking the history of WD assignments for any given proposal.

7. Review of Proposals

7.1 Revised Proposals

The SEP began their reviews of revised proposals.

17:00 Meeting Adjourned for the Day

Tuesday

13th of January 2015

08:30-17:30

7. Review of Proposals (Continued)

7.1 Revised Proposals (Continued)

The SEP completed their reviews of revised proposals.

7.2 External Review Proposals

The SEP completed their reviews of external review proposals.

7.3. New Proposals

The SEP began their reviews of new proposals.

17:30 Meeting Adjourned for the Day

Wednesday

14th of January 2015

08:30-16:30

7. Review of Proposals (Continued)

7.3 New Proposals (Continued)

The SEP completed their reviews of new proposals.

8. Summary of SEP Review Results

Proposal#	Type	PI	Stage	Platform	Theme	Result
618	Add5 (Full3)	Clift	JRFB	JR	CO	New data, site relocation needed / limited stratigraphic coverage, but still good.
760	Full	Hobbs	SEP	JR	CO	Forward to JRFB
770	Add (Full3)	Sato	HB	JR	EC, EM	HB
771	Full2	Hodell	SEP	JR	CO	External review
818	Full	de Ronde	SEP	JR	EC	External review (fast track)
834	Full	Uenzelmann-Neben	SEP	JR	CO, EC	Revise
835	Full	Kodaira	SEP	Chikyu	EM	Revise
841	APL2	Pecher	SEP	JR	EM	Holding Bin
857	MDP2	Camerlenghi	SEP	JR+Chikyu	BF	Remain at SEP
865	Full	Hinrichs	SEP	NR-Chikyu	BF	Forward to CIB
866	Pre	Strasser	SEP	MSP	EM	Develop Full
867	pre	Rohling	SEP	MSP	CO	Deactivate
868	Full	Hernandez-Molina	SEP	JR	CO	Deactivate
869	Pre	Okazaki	SEP	JR	CO	Deactivate
870	Pre	Lacasse	SEP	JR	EC	Deactivate
871	Pre	Heap	SEP	Chikyu	CO EC BF	Develop Full
872	Pre	Parr	SEP	JR	EC	Deactivate
873	Pre	Lamy	SEP	JR	CO	Deactivate
874	Pre	Friedrich	SEP	JR	CO	Develop Full
875	Pre	Jovane	SEP	JR	CO	Develop Full
876	Pre	Phipps Morgan	SEP	JR+Chikyu	EC	Develop Full
877	Full	Schwenk	SEP	JR	CO	Deactivate
878	CPP	Sun	SEP	JR	EC	Holding Bin
879	Full	McNeill	SEP	MSP	EC	External review
880	APL	Moe	SEP	Chikyu	Engineering	Revise
881	Pre	Almeida	SEP	JR	BF	Deactivate
882	Pre	Vannucchi	SEP	JR	EC	Develop Full
883	Pre	Sager	SEP	JR	EC	Deactivate
884	CPP	Holford	SEP	JR	CO EC	Revise

	: Came back from external review
	: Revised
	: New

9. Review of Motions and Consensus Items

The Co-Chairs did not address this agenda item.

10. Schedule of Next SEP Meeting

Dr. Kroon confirmed that the next meeting would be held in Brest, France on June 29, 30 and July 1, 2015, and the SSO determined via doodle poll that the best dates for the first 2016 meeting are January 12-14 at Scripps Institution of Oceanography.

11. All Other Business (AOB)

Co-Chief Nominations

Dr. Kroon requested that the group provide Co-Chief nominations for upcoming expeditions via e-mail (to the Science Support Office at science@iodp.org). The SSO (Bauer/Yamamoto) will compile the co-chief nominations and send them to Malone.

16:30 Meeting Adjourned