

**JR Facility Science Evaluation Panel (SEP) Meeting - 21-23 June 2017**  
**Pavilhão do Conhecimento, Lisbon, Portugal**

Meeting Roster

Science Subgroup

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Natsue Abe	Japan Agency for Marine-Earth Science and Technology (JAMSTEC)
Gary Acton	Sam Houston State University
Steven Bohaty	University of Southampton
Anders Carlson	Oregon State University
Christopher Charles	Scripps Institution of Oceanography, UCSD
Li-Hui Chen	Nanjing University
Cristiano Chiessi	University of Sao Paulo
Cornelia Class	Lamont-Doherty Earth Observatory – Columbia University
Bernard Coakley	University of Alaska Fairbanks
Carole Cordier <sup>1</sup>	Université Grenoble
Deniz Cukur	Korea Institute of Geoscience & Mineral Resources (KIGAM)
Matthew Fantle	Pennsylvania State University
Sarah Feakins	University of Southern California
Michael Gurnis	California Institute of Technology (Caltech)
Marc-André Gutscher	University of Brest – Institut Universitaire Europeen de la Mer
Ryota Hino	Tohoku University
Samuel Jaccard	University of Bern
Jens Kallmeyer	GFZ German Research Centre for Geosciences
Zhifei Liu	Tongji University
Andrew McCaig	University of Leeds
Cecilia McHugh	City University of New York – Queens College
Robert McKay <sup>2</sup>	Victoria University of Wellington
Ken Miller	Rutgers The State University of New Jersey
Yuki Morono	JAMSTEC
Hajime Naruse	Kyoto University
Yusuke Okazaki	Kyushu University
Kevin Pickering	University College London
Werner Piller	Karl-Franzens-Universität Graz
Julia Reece	Texas A&M University
Brandi Reese	Texas A&M University – Corpus Christi
Marci Robinson	United States Geological Survey
Ashok Singhvi	Physical Research Laboratory
Andreas Teske	University of North Carolina
Heiner Villinger	University of Bremen
Masanobu Yamamoto	Hokkaido University

Unable to attend

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<sup>1</sup> Alternate for Marguerite Godard

<sup>2</sup> Alternate for Tim Naish

## Site Subgroup

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Rebecca Bell	Imperial College London
Cara Burberry	University of Nebraska, Lincoln
Calvin Campbell	Geological Survey of Canada - Atlantic
Gail Christeson	University of Texas at Austin
Weiwei Ding	Second Institute of Oceanography, State Oceanic Administration
Chris Elders	Curtin University
Louis Géli	IFREMER
Gilles Guérin	Lamont-Doherty Earth Observatory of Columbia University
Sean Gulick	University of Texas at Austin (Co-Chair)
Christian Hübscher <sup>3</sup>	University of Hamburg
Priyank Jaiswal	Oklahoma State University
Kiichiro Kawamura <sup>4</sup>	Yamaguchi University
Seung-Sep Kim	Chungnam National University
Dhananjai Pandey	National Center for Antarctic and Ocean Research
Michele Rebesco	Istituto Nazionale di Oceanografia e di Geofisica Sperimentale
Helenice Vital	Universidade Federal do Rio Grande do Norte
Peter Vrolijk	Retired/New Mexico Tech – Adjunct
Lindsay Worthington	University of New Mexico
Guangfa Zhong	Tongji University

## Liaisons and Observers

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Jamie Allan	National Science Foundation (NSF)
Jamie Austin	IODP Forum Chair – University of Texas at Austin
Rita Bauer	IODP Science Support Office (SSO) - UCSD/SIO
Jan Behrmann	ECORD Science Support and Advisory Committee (ESSAC) Chair
Kara Bogus	<i>JOIDES Resolution</i> Science Operator (JRSO) – Texas A&M Univ. (TAMU)
Nobu Eguchi	JAMSTEC Center for Deep Earth Exploration (CDEX)
Helen Feng	IODP Science Support Office (SSO) - UCSD/SIO
Magnus Friberg	ECORD Council Vice Chair
Holly Given	IODP Science Support Office (SSO) - UCSD/SIO
Barry Katz	Chevron Corporation - EPSP (Chair)
Adam Klaus	JRSO –TAMU
Anthony Koppers	<i>JOIDES Resolution</i> Facility Board Chair – Oregon State University
Gilles Lericolais	European Consort. for Ocean Res. Drilling (ECORD) Facility Board (Chair)
Leah LeVay	JRSO –TAMU
Mitch Malone	JRSO –TAMU
Sally Morgan	ECORD Science Office (ESO) – University of Leicester
Angela Slagle	U.S. Science Support Program (USSSP) – LDEO
Antje Voelker	ECORD Local Host (Instituto Português do Mar e da Atmosfera)
Michiko Yamamoto	IODP Science Support Office (SSO) - UCSD/SIO

Unable to attend

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<sup>3</sup> Alternate for Michael Riedel

<sup>4</sup> Alternate for Juichiro Ashi

# Science Evaluation Panel Meeting - 21-23 June 2017

## Pavilhão do Conhecimento, Lisbon, Portugal

Wednesday

June 21, 2017

09:30-17:30

### 1. Welcome and Introductions

Science Evaluation Panel (SEP) Co-Chair, Dr. Ken Miller, welcomed the SEP to the Pavilion of Knowledge (Pavilhão do Conhecimento) in Lisbon, Portugal.

#### 1.1 Call to order, panel charge, thanks to past members, and self-introductions

Dr. Miller called the meeting to order with a welcome and provided a brief description of the panel's charge, and he asked attendees to perform self-introductions.

#### 1.2 Welcome to Pavilhão do Conhecimento and Logistical Announcements

Executive Director of Ciencia Viva, Dr. Ana Noronha, and our local host, Dr. Antje Voelker, welcomed the SEP and provided a brief background of the Pavilion and appropriate logistical information.

#### 1.3 Approval of Meeting Agenda

Dr. Miller asked the SEP members to review the agenda and provide changes or additions. No members presented additions or changes. SEP Member, Dr. Peter Vrolijk, seconded approval, and the SEP approved the agenda.

### 2. Reports from IODP Entities

#### 2.1 Perspectives from the JRFB Chair

JOIDES Resolution Facility Board (JRFB) Chair, Dr. Anthony Koppers, reviewed the JRFB's mandate and role, the JRFB organization and the flow of advice / input received by the JRFB, and he presented updates from the JRFB meeting in May 2017, including:

- New JOIDES Resolution (JR) Schedule for Fiscal Year (FY) 19-20
- Hard Rock Engineering Group
- Long-term JR Cruise Track and Update on Proposal Pressure in the Broader Atlantic Region
- Scheduling in the South Atlantic
- State of IODP Review Process
- JRSO Renewal Online Survey
- The New JRFB Chair-Elect

The panel briefly discussed workshop participation and budget impacts (detailed in the following NSF review). For more detailed information regarding this report, please see Dr. Koppers' presentation, which is posted at <https://iodp.org/sep-presentations/sep-2017-june-presentations>.

#### 2.2 NSF (National Science Foundation) Report

NSF Program Manager, Dr. Jamie Allan, reviewed the key points of progress and/or change within the IODP. These included:

- NSF Budget: JR financial situation is stable
- JR Facility Review – March 2017
- JR Facility Review Panel
- Panel Report and NSF Response
- JR Staffing
- Schedule of planning for renewal, decisions, and JR Facility Review Activities

- MGG (Marine Geology and Geophysics) IODP Spring Panel Proposal Statistics
- NSF Seismic Solicitation

Dr. Allan highlighted the Executive Summary of the Panel Report, which stated:

The *JOIDES Resolution* is a unique and outstanding scientific deep-sea drilling vessel capable of exploring on a global scale. No other platform offers its range of capabilities. JRSO is performing the required tasks of technical and scientific support to the worldwide community of research in outstanding ways. The JR is a superb mentoring platform that brings together young and experienced researchers for periods of months at a time. The *JOIDES Resolution* (JR) Science Operator Site Visit Panel concludes that the facility is being managed exceptionally well by the JRSO, and also overseen effectively by the JRFB and NSF to meet the Science Plan.

In other NSF News, Dr. Allan noted (not included in his presentation) that Dr. William Easterling of The Pennsylvania State University has joined NSF as the new Assistant Director for Geosciences. Dr. Easterling is an expert on the effects of climate on the global food supply.

For more detailed information regarding this report, please see Dr. Allan's presentation, which is posted at <https://iodp.org/sep-presentations/sep-2017-june-presentations>.

### 2.3 JR / IO Report

Dr. Mitch Malone, Assistant Director of Science Services and Manager of Science Operations for the JOIDES Resolution Science Operator, summarized Expeditions 366 (Mariana Convergent Margin), 367, and 368 (both South China Sea Rifted Margin), which were completed since the January 2017 SEP Meeting. Dr. Malone presented a brief tribute to Mr. Mike Storms, a long time JR Operations Superintendent, who passed away unexpectedly earlier this year, and he provided a JRSO staff update, including the retirement of Mr. Jay Miller, JRSO Manager of Technical & Analytical Services. Dr. Malone concluded his presentation with a map of upcoming expeditions and a summary of recent JR mechanical issues, associated solutions, and the scheduled repair / maintenance / upgrade dry dock.

Environmental Protection and Safety Panel (EPSP) Chair, Dr. Barry Katz reminded the SEP that proponents must submit sufficient alternate sites, and he asked that reviewers challenge all proposals with insufficient alternate sites. The SEP must assure that alternate sites support the science proposed, as site relocation could also be caused by operational issues, and Dr. Malone noted that alternate sites in exclusive economic zones (EEZs) are particularly necessary, as it can take 6-months to get clearance for sites in an EEZ.

Dr. Jamie Austin added that, in addition to the loss of Mr. Mike Storm, the IODP community suffered the loss of Dr. Kirk Macintosh, Senior Research Scientist at the University of Texas Institute for Geophysics, who was a regular contributor to IODP throughout his career and had been instrumental in the South China Sea proposal that lead to Expeditions 367/368.

For more detailed information regarding this report, please see Dr. Malone's presentation, which is posted at <https://iodp.org/sep-presentations/sep-2017-june-presentations>.

### 2.4 MSP / EFB, IO Report

Dr. Gilles Lericolais, ECORD Facility Board Chair, began by reminding the group that Portugal was observing three days of mourning for the lives lost in the wildfires north-northeast of Lisbon. He then summarized:

The ECORD-Facility Board (EFB): Its function and purpose

The EFB's Membership and the structure / workflow of ECORD's boards, committees, etc.

Dr. Lericolais displayed a map showing the global distribution of proposals under consideration, proposals implemented, and those scheduled by the EFB. He followed-up with the mission-specific platform (MSP) operational plan through 2023, and he summarized the accomplishments of 2016's Expedition 364: Chicxulub Crater (Morgan et al.). Dr. Lericolais explained the EFB decision to postpone Expedition 373: Antarctic Cenozoic Paleoclimate until 2020, while implementing Expedition 381: Corinth Active Rift Development this fall, and Expedition 377: Arctic Ocean Paleoceanography in the Arctic summer of 2018.

Dr. Lericolais reviewed the list of proposals with EFB, and MSP proposals with SEP, and prior to turning the talk over to Dr. Sally Morgan, ECORD Science Operator (ESO) Staff Scientist, he asked that the European members of SEP spread the word that there is capacity for MSP proposals at the SEP.

Dr. Morgan reviewed the structure of the ESO and detailed the status of the scheduled MSP expeditions. She provided a brief summary of ESO scoping activities, as well as other completed and planned activities, and she concluded her presentation with a map showing the global distribution of past, present, and future MSP expeditions.

For more detailed information, please see Dr. Lericolais' and Dr. Morgan's presentations, which are posted at <https://iodp.org/sep-presentations/sep-2017-june-presentations>.

### *2.5 Chikyu / CIB, IO Report*

Center for Deep Earth Exploration (CDEX) liaison, Dr. Nobu Eguchi provided the *Chikyu* IODP Board and CDEX Report, which included summaries of:

- Expedition 365 – NanTroSEIZE Shallow Megasplay LTBMS
- Expedition 370 – T-Limit of the Deep Biosphere off Muroto (T-Limit)
- CIB (#5) Consensus Items
- Lord Howe Rise (LHR) Project Coordination Team (PCT) Membership
- LHR Project Management Progress
- LHR PCT Meeting Objectives and Actions
- NanTroSEIZE PCT Meeting Discussions and Recommendations
- NanTroSEIZE Operations Options based on PCT Recommendations
- *Chikyu* Mid-Term Plan 2016-2020

For more detailed information, please see Dr. Eguchi's presentation, which is posted at <https://iodp.org/sep-presentations/sep-2017-june-presentations>.

### **3. Science Support Office Report**

To bring new attendees up to date, Dr. Holly Given, IODP Science Support Office (SSO) Executive Director introduced the staff and summarized the:

- Science Support Office Services
- Panel member confidentiality sign-in requirement and prohibition of cell phone use to transmit images or messages regarding SEP discussions or results
- Background (documents) for Proposal Review

- Current Non-Disclosure Agreements (P882 and P914) and the resulting expectations for Watchdogs and Panel Members

Dr. Given noted that, while it was implemented for four proposals from the January 2017 SEP meeting, the Fast Tracked review is, and should remain, an extraordinary process. While fast-tracking is an important mechanism, Dr. Given expressed concern that the compressed timeline is very challenging for all parties, and may not result in a thorough review. She emphasized that the Watchdogs should not set a specific schedule for Fast Tracked actions as part of their review report; these schedules are so complex that the SSO must coordinate them with the panel chairs.

Dr. Given provided an overview of proposal statistics from the beginning of the International Ocean Discovery Program (2013), which included:

- 88 new proposals submitted
- 44% deactivated
- 28% still under SEP review
- 28% forwarded to FBs (of these 24: 4 drilled, 8 scheduled, 4 waiting)

Dr. Given concluded her report with a review of proposal submission rates, data file statistics, and proposal distribution charts, which will be available on [iodp.org](http://iodp.org) shortly after this meeting. She also noted that the SSO would soon introduce:

- A use survey, the data package concept, and non-disclosure agreement (NDA) file flags in the SSDB (Site Survey Data Bank)
- Revised policy and procedure documents on [iodp.org](http://iodp.org)

For more detailed information, please see Dr. Given's presentation, which is posted at <https://iodp.org/sep-presentations/sep-2017-june-presentations>.

Dr. Jamie Austin, IODP Forum Chair noted that the Forum was asked to provide information regarding how IODP expeditions are doing with regard to the science charges in their proposals. He asks the SEP to take on this task, and SEP Co-chairs Dr. Ken Miller and Dr. Sean Gulick agreed to discuss how this might be implemented.

#### **4. Proposal Review and Advisory Process**

Drs. Miller and Gulick (SEP Co-Chairs) provided a detailed review of panel procedures.

##### *4.1 Review Procedures*

Dr. Miller reminded those in attendance of their requirement to keep proposal content, discussion of all proposals, and review outcomes confidential. He provided a brief summary regarding the SEP status, responsibilities, and function, and he reviewed the results, via a table and a map of global distribution, for the previous two SEP meetings. Dr. Miller also reminded the panel of the actions necessary for those with conflicts of interest (COI).

Dr. Miller then summarized proposal review procedures through:

- Highlights from the SEP Terms of Reference
- General evaluation criteria for IODP proposals and response letters
- Rating of the proposal (after external review)
- Critical drilling plan review including a sufficient number of alternate sites

Dr. Gulick continued the overview by providing details of Site Survey Data review procedures, including:

- Characterizing Site Survey Data
- General data requirements and accepted formats (from the Guidelines)
- Classification System
- Acceptable Data Formats
- The Proposal Evaluation Form

Dr. Miller then presented a summary of the proposals submitted for the April 1 deadline, the Watchdogs responsible for each proposal, the possible destination for each proposal, and he reminded the panelists to submit their written reports to Dr. Michiko Yamamoto, SSO Proposal Manager.

For more detailed information, please see Dr. Miller and Dr. Gulick's Review Procedure presentation, which is posted at <https://iodp.org/sep-presentations/sep-2017-june-presentations>.

## 5. Review of Proposals

### 5.1 Revised Full Proposals

The SEP began their reviews of revised Full proposals.

### 18:00 Meeting Adjourned for the Day

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### 5.1 Revised Full Proposals (continued)

The SEP completed their reviews of revised Full proposals.

Following the review of revised proposals, Dr. Christopher Charles gave a short science talk, in which he presented the results of Expedition 361: Southern African Climates and Agulhas Current Density Profile (SAFARI).

### 5.2 Externally Reviewed Proposals

The SEP reviewed one externally reviewed proposal.

### 5.3 New Proposals

The SEP began their reviews of new (Full and APL) proposals.

### 17:30 Meeting Adjourned for the Day

<b>Friday</b>	<b>June 23, 2017</b>	<b>09:30-17:30</b>
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### 5.3 New Proposals

The SEP completed their review of new (Pre) proposals.

### 5.4 JRFB proposals



The SEP completed their review of the new sites proposed for Expedition 374, via the Addendum to proposal 751.

Following proposal review, Drs. Peter Vrolijk and Kevin Pickering gave a short science talk, in which they presented the results of Expedition 362: Sumatra Seismogenic Zone.

## 6. Dormant proposals

Drs. Miller and Gulick requested consensus from the SEP regarding the following statement:

*The SEP recommends deactivation of the following dormant proposals (i.e., no proposal activity within the previous five years), with the statement that proponents are encouraged to resubmit:*

747	11/2011	Full	North Atlantic Paleogene Climate	Coxall	SEP	JR
797	3/2012	Pre (ADP)	Alaska Beaufort Margin	Ruppel	SEP	JR+MSP
801	3/2012	Pre	Brazil Argentina Margin Microbiology	Junium	SEP	JR
805	3/2012	MDP	MoHole to Mantle	Umino	SEP	Chikyu
806	3/2012	Pre (ADP)	Beaufort Gas Hydate	Paull	SEP	MSP

*Deactivation is recommended so the proponents can update the science, objectives, and hypotheses, allowing resubmissions to remain competitive.*

The SEP approved the statement and the Co-chairs will send it on to the JRFB Chair, Dr. Anthony Koppers.

## 7. Improvement of SSDB

Dr. Helen Feng, SSO Data Manager, provided the SEP with a comparison of the previous vs. the new and improved workflows associated with the SSDB “Data Package” feature and the SSDBreviewer tool, which are scheduled for release prior to the November 1, 2017 data deadline. Dr. Feng also summarized other SSDB improvements, including:

- A planned major revision to bring SSDB into a more modern framework (back-end development) in the anticipated next SSO Cooperative Agreement
- The addition of a new “restricted” category for data files under an NDA
- The planned evaluation of other desired features / improvements
- The consolidation of available Data Types to those most frequently used
- The consolidation of formats available for Seismic Multi Channel files

Dr. Feng requested the SEP Members respond to a brief survey, which will be included in the SEP Satisfaction Survey made available after the meeting. SEP Member, Dr. Gail Christeson suggested that the SSO send this survey to recent SSDB users, and Dr. Rebecca Bell suggested that the SSO create a category of “interpretation” for seismic data, so the data lead can show the necessary information used in creating their seismic interpretation file.

## 8. Workshop reports

*8.1 Assessment of the JOIDES Resolution in Meeting the Challenges of the IODP Science Plan*  
U.S. Science Support Program (USSSP) - Science Program Officer, Dr. Angela Slagle, began her discussion of the *JOIDES Resolution* Assessment Workshop with a summary of U.S. supported, IODP-related workshops; both completed and pending. She then presented the community survey results – specifically response statistics and demographics of responders, and she highlighted the



community's overwhelming indication (> 91%) that the JOIDES Resolution's capabilities (drilling systems, analytical systems, and downhole logging systems) are suitable.

Moving on to the Assessment Workshop, Dr. Slagle summarized the:

- Facility Renewal Timeline
- JR Assessment Workshop Dates and Goals
- JR Assessment Workshop Timeline
- Workshop Approach – Structure and Survey Strategy
- Steering Committee Structure and Membership
- Workshop Participants – Application Focus and Theme Groups
- Workshop Agenda and Products

Dr. Slagle noted that 81 participants have applied to attend this workshop, and other attendees will include the Workshop Steering Committee Members, the U.S. Advisory Committee for Scientific Ocean Drilling (USAC) Members, and a limited group of facilitators. Dr. Slagle also noted that the USSSP would fund a separate workshop to discuss the future of scientific ocean drilling beyond 2024.

### *8.2 Australasian IODP Regional Planning Workshop*

SEP Member, and Workshop Convener, Dr. Rob McKay presented the aim, goal, objective, and outcomes of the Australasian IODP Regional Planning Workshop. He provided the statistics and demographics for the workshop attendees, as well as the international institutions represented. The workshop context was to plan for the possible return of the *JOIDES Resolution* to this area in 2023, as reflected in the most recent ship track map. Ideally this workshop will generate enough proposals to demonstrate that there is regional support and interest for the program through and beyond 2023.

Dr. McKay presented an illustration of the active geological and ocean circulation forces in the South Indian and Pacific Region. He then reviewed the workshop agenda, the resulting areas of focus, and the proposal ideas with associated lead proponents. He noted that the workshop attendees agreed to include a consensus statement in the workshop report stressing that the lack of quality seismic data is limiting the ability to do research in this area.

Dr. McKay gave a special “thank you” to Dr. Neville Exon, who as the Program Scientist for the Australian IODP Office at the Australian National University, will retire in a few weeks, and who provided a consistently high level of enthusiasm and energy to the Australia – New Zealand IODP Consortium (ANZIC).

### *8.3 Drilling Strategies for Assessing Links between Quaternary Gulf Stream Dynamics, Pore Pressure Evolution, and Slope Stability on the Western North Atlantic Margin (WNAM): An IODP Proposal Development Workshop*

SEP Member and Workshop Participant, Dr. Lindsay Worthington, began her report by reviewing the workshop organizers, agenda, and the demographics of the attendees. She detailed the scientific motivation, goals, and results of the WNAM workshop, and concluded that the workshop should produce two pre-proposals:

- Gas hydrates / pore pressure on shelf / shallow slope
- Pore pressure, porosity / permeability, chronologies of past mass wasting events on mid / deep slope

She also noted that there could be one or two APLs.

SEP Member, Dr. Julia Reece informed the SEP that she and others submitted an AGU session for underwater hazards, and asks those who are interested to please contribute. Additional discussion topics included glacial time models, salt models, and the presence of similar features in Sicily on the Malta Escarpments.

#### *8.4 Onshore-Offshore Drilling and Sampling to Understand Freshwater Resources along the New England Continental Shelf: An IODP-ICDP Workshop*

Dr. Miller began his presentation by explaining that the topic of this International Continental Drilling Program (ICDP) and USSSP funded workshop was proposal 637-Full2/Add5, which is with EFB. He summarized the science behind the proposal, which examines the reason local residents are interested in this research (saltwater intrusion). Dr. Miller reviewed:

- The Presence of Offshore Freshwater
- The Origin of Offshore Freshwater
- The Objective of the Research: Evaluate the Freshwater-Marine Transition
- The Available Seismic Lines and the Interpretation of this Data
- Other Supporting Data

He noted that the prospects for the proposal are excellent with the workshop producing good ideas for de-scoping. This makes ECORD and ESO optimistic regarding the funding of the offshore drilling, and ICDP anticipates submitting a proposal (January 15, 2018) to obtain outside support (perhaps from local water companies) for the onshore drilling on Martha's Vineyard and/or Nantucket.

The presentation was followed by a brief discussion of the regional geology and the models used in preparing the science background presented by Dr. Miller.

#### *8.5 Demystifying the IODP Proposal Process for Early Career Scientists: Northern Atlantic and Gulf of Mexico*

Dr. Slagle presented:

- The workshop committee, mentors, and the participants / panelists
- The workshop purpose and objectives
- Attendee demographics
- The history of the organizers and their motivation for holding this workshop

She presented a graphic of the proposal process (start to expedition) that was used by the workshop participants as they worked to generate proposal concepts, and eventually proto-proposals. In the end, the participants developed 5 IODP proposals and one APL for drilling in the Atlantic Ocean, which SEP may see in the near future.

#### *8.6 Announcements of Upcoming Workshops*

Dr. Slagle provided a brief summary of the upcoming USSSP sponsored workshops:

- Indian Ocean Regional Synthesis Workshop
- Drilling at Axial Seamount Workshop
- *JOIDES Resolution* Assessment Workshop (See Section 8.1 above for details)

She reviewed the workshop organizers, the schedule, and the workshop goals for each workshop and opened the floor to questions or comments.

Dr. Austin reiterated that the IODP Forum was asked to provide post expedition information. SEP Member Dr. Dhananjai Pandey reminded the SEP Meeting attendees of the IODP-PAGES (Past Global Changes) Workshop on Global Monsoon in Long-term Records, 7-9 September 2017 at Tongji University in Shanghai. He stated that there is a strong interest by the organizers of this workshop to get this community organized and active.

## 9. Summary of SEP reviews

As summarized below, Dr. Miller and Dr. Gulick reviewed the results for each of the proposals discussed at this meeting.

Proposal#	Type	Title	PI	Platform	Result
853	Full2	South Atlantic Transect	Rosalind Coggon	JR	HB
864	Full2	Equatorial Atlantic Gateway	Tom Dunkley Jones	JR	External Review
866	Full	Japan Trench Paleoseismology	Michael Strasser	MSP	Full2
882	Full2	Brazilian Equatorial Margin Tectonics	Paola Vannuchi	JR	Deactivate
890	Full2	Walvis Ridge Hotspot	William Sager	JR	External Review
892	Full2	Reykjanes Mantle Convection	Ross Parnell-Turner	JR	External Review
913	Pre	East China Sea Rifting	Deniz Cukur	JR	Deactivate
914	Full	Brazilian Equatorial Margin Paleooceanography	Luigi Jovane	JR	Full2
915	Pre	North Atlantic Fjord Sediment Archives	Jacques Giraudeau	MSP	Full
916	APL	Gulf of California Environmental Change	Ivano Aiello	JR	Deactivate
917	Pre	Florida Straits Gateway Record	Christopher Lowery	JR	Full
918	Pre	Southern Ocean Climate Evolution	Minoru Ikehara	JR	Full

	Came back from External Review
	Revised
	New

Dr. Miller also reminded SEP members that their review reports were due to Dr. Yamamoto no later than Tuesday 27 January 2017.

## 10. Schedule of next SEP meeting

Dr. Gulick reviewed the next two SEP Meeting dates and locations.

- 9-11 January 2018 in La Jolla CA at Scripps Institution of Oceanography
- 26-28 June 2018 in Potsdam, Germany

He requests volunteers for June 2019 and noted that Edinburgh has volunteered, but if there are others, please notify Drs. Miller and/or Gulick. He thanked our local host, Dr. Antje Voelker and presented the SEP Members with draft text of a letter of thanks to be sent to Dr. Voelker's supporting agency.

## 11. Thanks to members rotating off

Dr. Gulick thanked the SEP Members (listed below) who are rotating off the panel at the end of September 2017.

## SCIENCE

Anders Carlson (US)  
Cornelia Class (US)  
Cecilia McHugh (US)  
Yuki Morono (JP)  
Tim Naish (ANZIC)  
Julia Reece (US)  
Ashok Singhvi (India)  
Andreas Teske (US)  
Masanobu Yamamoto (JP)

## SITE

Juichiro Ashi (JP)  
Seung-Sep Kim (Korea)  
Dhananjai Pandey (India)  
Peter Vrolijk (US)

## 12. AOB

1) Dr. Miller asked SEP members to recommend external reviewers for proposals 864-Full2 (Equatorial Atlantic Gateway), 890-Full2 (Walvis Ridge), and 892-Full2 (Reykjanes Ridge) and to email their recommendations to the Co-chiefs and to [science@iodp.org](mailto:science@iodp.org).

2) Dr. Miller also requested that SEP Members provide Co-chief recommendations (via the satisfaction survey) for proposals 833 (Guaymas Basin Activity), 853 (South Atlantic Transect), 887 (Gulf of Mexico Methane Hydrate), 902 (Iceberg Alley Paleoceanography), and 912 (Drake Passage Paleoceanography).

3) Dr. Gulick announced the need for a Co-chair replacement for Dr. Miller, who will be rotating off the Panel in October 2018. He solicited input from the SEP, recommending that any candidates recommended be:

- Or have recently been members of SEP
- A good communicator
- Socially adept
- Familiar with the role of SEP and the SSO, have IODP experience, and enjoy all aspects of Earth Science
- Capable of and amenable to traveling, as they will attend between 3 and 6 meetings per year

Dr. Gulick provided the following list of suggested candidates:

- Tim Bralower
- Cristiano Chiessi
- Marc-André Gutscher
- Rob McKay
- Lisa McNeil
- Richard Norris
- Bridget Wade

And he requested that SEP Members send additional recommendations (or selections from this list), so the Co-chairs can send at least two recommendations to the JRFB, and the JRFB will select the new Co-chair and confirm his/her acceptance.

4) The Co-Chairs concluded the meeting with the following announcements:

- Petrophysics Summer School – July 2-7, University of Leicester

- Workshop: Land-Ocean Interactions Across the Indian Ocean: Toward Regional Integration of Recent Drilling Results –July 10-12, U. Rhode Island
- School of Rock July 10-27, JR transit, Subic Bay, Philippines to Townsville, Australia
- ECORD Summer School: Current-Controlled Sea Floor Archives: Coral Mounds and Contourites – August 21-September 1, MARUM, Bremen
- Workshop: Assessment of the JOIDES Resolution in Meeting the Challenges of the IODP Science Plan (JR Assessment Workshop) – September 26-27
- Workshop: Drilling into Young Oceanic Crust for Subseafloor Observations at Axial Seamount – October 11-13, LDEO
- Serve on the JRFB, USAC, or SEP – Apply by July 21

And a reminder to complete the multi-purpose survey to be sent out by Rita Bauer after the meeting.

The Co-chairs thanked the SEP Members and all meeting attendees for their participation and they adjourned the meeting.

**17:30 Meeting Adjourned**