

**Science Evaluation Panel (SEP) Meeting**  
**26-28 June 2018**  
**Deutsches GeoForschungsZentrum (GFZ), Potsdam, Germany**

Meeting Roster

Science Subgroup

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Natsue Abe	Japan Agency for Marine-Earth Science and Technology (JAMSTEC)
<b>Maria-Angela Bassetti</b>	<b>CEFREM, Université de Perpignan</b>
<i>Steven Bohaty</i>	<i>National Oceanography Centre Southampton</i>
David Boutt	University of Massachusetts Amherst
Christopher Charles	Scripps Institution of Oceanography, UCSD
Li-Hui Chen	Nanjing University
Cristiano Chiessi	University of Sao Paolo
Bernard Coakley	University of Alaska
Deniz Cukur	Korea Institute of Geoscience & Mineral Resources (KIGAM)
Adélie Delacour	Université Jean Monnet
Matthew Fantle	Pennsylvania State University
Sarah Feakins	University of Southern California
Irina Filina	University of Nebraska - Lincoln
Michael Gurnis	California Institute of Technology (Caltech)
Ron Hackney	Geoscience Australia
<b>Ryota Hino</b>	<b>Tohoku University</b>
<i>Guodong Jia</i>	<i>Tongji University</i>
Jens Kallmeyer	GFZ German Research Centre for Geosciences
Hiroko Kitajima	Texas A&M University
Junichiro Kuroda	Japan Agency for Marine-Earth Science and Technology (JAMSTEC)
Jon Lewis	Indiana University of Pennsylvania
<b>Zhifei Liu</b>	<b>Tongji University</b>
Andrew McCaig	University of Leeds
Ken Miller	Rutgers The State University of New Jersey (SEP Co-Chair)
Hajime Naruse	Kyoto University
<i>Koichiro Obana</i>	<i>JAMSTEC</i>
Yusuke Okazaki	Kyushi University
Dhananjai Pandey	National Center for Antarctic and Ocean Research
Kevin Pickering	University College London
Werner Piller	University of Graz
Brandi Reese	Texas A&M University – Corpus Christi
Marci Robinson	United States Geological Survey
Reed Scherer	Northern Illinois University
<b>Susanne Straub</b>	<b>Lamont-Doherty Earth Observatory - Columbia University</b>
<b>Kazuyo Tachikawa</b>	<b>CEREGE, Aix-en-Provence, France</b>
Hitoshi Tomaru	Chiba University
Heiner Villinger	University of Bremen

**Unable to attend**

*Attending as alternate*

## Site Subgroup

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Rebecca Bell	Imperial College London
Cara Burberry	University of Nebraska - Lincoln
Calvin Campbell	Geological Survey of Canada - Atlantic
Anil Chaubey	National Institute of Oceanography - India
Gail Christeson	University of Texas at Austin
Weiwei Ding	Second Institute of Oceanography, State Oceanic Administration
Chris Elders	Curtin University
Louis Géli	IFREMER
Gilles Guerin	Lamont-Doherty Earth Observatory - Columbia University
Sean Gulick	University of Texas at Austin (SEP Co-Chair)
Priyank Jaiswal	Oklahoma State University
Kiichiro Kawamura	Yamaguchi University
Seung-Sep Kim	Chungnam National University - Korea
Lara Pérez	Geological Survey of Denmark and Greenland
Michele Rebesco	Istituto Nazionale di Oceanografia e di Geofisica Sperimentale
Michael Riedel	GEOMAR – Helmholtz Centre for Ocean Research Kiel
Harold Tobin	University of Wisconsin - Madison
Helenice Vital	Universidade Federal do Rio Grande do Norte
Lindsay Worthington	University of New Mexico
Guangfa Zhong	Tongji University

## Liaisons and Observers

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Jamie Allan	National Science Foundation (NSF)
Carlos Alvarez-Zarikian	JRSO-TAMU
Jamie Austin	IODP Forum Chair – University of Texas at Austin
Nobu Eguchi	JAMSTEC Center for Deep Earth Exploration (CDEX)
Helen Feng	IODP Science Support Office (SSO) - UCSD/SIO
Holly Given	IODP Science Support Office (SSO) - UCSD/SIO
Hamada Morihisa	J-DESC - JAMSTEC
Adam Klaus	JRSO –TAMU
Anthony Koppers	JOIDES Resolution Facility Board (Chair)
Gilles Lericolais	ECORD Facility Board (Chair)
Mitch Malone	JRSO –TAMU
Sally Morgan	ECORD Science Office (ESO) – University of Leicester
Antony Morris	Plymouth University
Clive Neal	JRFB Chair Elect - University of Notre Dame
Katerina Petronotis	JRSO-TAMU
Angela Slagle	USSSP - LDEO
Hiroko Sugioka	JAMSTEC
Yoshi Tatsumi	Chikyu IODP Board (Chair)
Michiko Yamamoto	IODP Science Support Office (SSO) - UCSD/SIO

Unable to attend

**Science Evaluation Panel (SEP) Meeting**  
**26-28 June 2018**  
**GFZ German Research Centre for Geosciences, Potsdam, Germany**

**Tuesday**

**June 26, 2018**

**09:00-17:30**

**1. Welcome and Introductions**

Science Evaluation Panel (SEP) Co-Chair, Dr. Ken Miller, welcomed the SEP to GFZ German Research Centre for Geosciences, Potsdam.

*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, a thanks to past members, and he asked attendees to perform self-introductions.

*1.2 Logistical Announcements*

Meeting host, GFZ's Dr. Jens Kallmeyer, reviewed the basic logistics for the meeting, including safety and internet access.

*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, and they approved the agenda.

**2. Reports from IODP Entities**

*2.1 Perspectives from the JRFB Chair*

JOIDES Resolution Facility Board (JRFB) Chair, Dr. Anthony Koppers presented updates on the activities of the JR Facility Board.

*2.2 NSF Report*

NSF Program Manager, Dr. Jamie Allan, reviewed the key points of progress and/or change within NSF that are pertinent to the IODP.

*2.3 JR Science Operator Report*

Dr. Mitch Malone, JRSO Liaison, presented highlights of the JR's recent expeditions (374, 375, and 376).

*2.4 EFB, ECORD Science Operator Report*

Dr. Gilles Lericolais, ECORD Facility Board (EFB) Chair, and Dr. Sally Morgan, ECORD Science Operator (ESO) Liaison, presented a report on main EFB activities and Progress Update.

*2.5 CIB and CDEX Report*

Center for Deep Earth Exploration (CDEX) liaison, Dr. Nobu Eguchi provided the CIB (*Chikyu* IODP Board) and CDEX Report.

For the content of these reports from IODP Entities, please see the presentation slides that are posted by the organization's name at <http://www.iodp.org/sep-presentations/sep-2018-june-presentations>

**3. Science Support Office Report**

Dr. Holly Given, IODP Science Support Office (SSO) Executive Director, introduced the SSO staff present and reported on proposal statistics and activities of the Science Support Office.

The content of Dr. Given's presentation is posted as SEP 2018 June SSO Report on <http://www.iodp.org/sep-presentations/sep-2018-june-presentations>

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

##### *4.1 Review Procedures*

Dr. Miller reminded those in attendance of their requirement to keep proposal content and discussion of all proposals confidential. He provided a brief summary regarding the SEP status and function, then Drs. Miller and Gulick then summarized the panel's proposal review procedures.

Dr. Miller and Dr. Gulick's presentation, which is posted as SEP 2018 June Review Process Report at <http://www.iodp.org/sep-presentations/sep-2018-june-presentations>

#### **5. Review of Proposals**

##### *5.1 Revised Full Proposals*

The SEP began their reviews of revised proposals.

#### **17:00 Meeting Adjourned for the Day**

<b>Wednesday</b>	<b>June 27, 2018</b>	<b>08:30-17:00</b>
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##### *5.1 Revised Full Proposals (continued)*

The SEP continued their reviews of revised proposals.

##### *5.2 Externally Reviewed Proposals*

The SEP reviewed externally reviewed proposals.

Dr. Ulrich Harms, Executive Secretary of the International Continental Scientific Drilling Program (ICDP), gave a presentation on the ICDP review process particularly with respect to "amphibious" drilling proposals that are submitted to both IODP and ICDP for approval and funding.

##### *5.2 Externally Reviewed Proposals (continued)*

The SEP completed their reviews of externally reviewed proposals.

##### *5.3 New Proposals*

The SEP began their reviews of new proposals.

#### **17:00 Meeting Adjourned for the Day**

<b>Thursday</b>	<b>January 11, 2018</b>	<b>09:00-17:00</b>
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SEP members Dr. Hiroko Kitajima and Dr. Rebecca Bell, who were both members of the science party, gave a short science talk on Expedition 375 Hikurangi Subduction Margin.

### 5.3 New Proposals (continued)

The SEP completed their reviews of new proposals.

## 6. Summary of SEP reviews

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

ID	Type	PI	Title	Outcome
814	Full	Joseph Stoner	Greenland Ice Sheet	Revise
866	Full2	Michael Strasser	Japan Trench Paleoseismology	Forward to EFB as Excellent
874	Full2	Oliver Friedrich	Neogene Newfoundland Sediment Drifts	Forward to JRFB as Excellent
895	ADP	Rachel Flecker	Mediterranean-Atlantic Gateway Exchange	Revise
910	Full	Alberto Malinverno	Continental Margin Methane Cycling: Rio Grande	Revise
914	Full2	Luigi Jovane	Brazilian Equatorial Margin Paleooceanography	Deactivate
922	Full	Hugh Daigle	W Atlantic Cenozoic Slope Stability	Deactivate
929	Full	Steven D'Hondt	Blake Nose Subseafloor Life	Revise
930	Full	Derek Sawyer	W Atlantic Passive M. Landslide	Deactivate
932	Pre	Timothy Druitt	Hellenic Arc Volcanic Field	Develop Full
933	Pre	Torsten Bickert	NW African Continental Margin Climate	Develop Full
934	Full	Wolfram Geissler	Arctic Atlantic Gateway Climate	Revise
935	Pre	Stefan Bünz	Arctic Fluid Flow Systems	Develop Full
936	APL	Ann Cook	Mississippi Fan Velocity Pull-Ups	Deactivate
937	Pre	Andrew McCaig	Deepening Hole U1309D	Develop Full
938	Pre	Jeffrey McGuire	Cascadia Paleoseismic Record	Deactivate
939	APL	Asuka Yamaguchi	Tohoku Petit-Spot Magmatism	Revise
940	Full	Paola Vannucchi	Brazilian Equatorial Margin Tectonics	Deactivate

	<i>Came back from External Review</i>
	<i>Revised</i>
	<i>New</i>

## 7. Future of Site Survey Data for IODP

Dr. Gulick introduced the concerns about the decreasing availability of high-quality seismic data. He asked the attendees to help the community to be aware of the issue, and suggested that SEP and the

community's feedback could help to facilitate ship barter arrangements or actual ship time between national science agencies. Dr. Gulick agreed to draft a consensus statement to circulate through SEP, and Dr. Angela Slagle noted that USSSP could send out email updates to the community. It was suggested that the SSO host a webpage on [iodp.org](http://iodp.org) 'Seismic Capabilities with Contacts' for dissemination after SEP's active-source seismic community collects the relevant information.

#### **8. Reviewer / co-chief recommendations**

The co-chairs asked for co-chief nominations for 890 (Exp 391 – Walvis Ridge), 864 (Exp 388 – Equatorial Atlantic Gateway), 859 (Exp 387 - Amazon Margin), 835 (Exp 392 – Agulhas Plateau), and 716 (Exp 389 – Hawaii Drowned Reefs).

#### **9. Schedule of next SEP meeting**

The co-chairs announced that the next two SEP meetings are scheduled for 8-10 January 2019 at Scripps in La Jolla, California, and the 25-27 June 2019 in Edinburgh, Scotland. It is likely that June 2020 SEP will be in Trieste, Italy.

**10.** The panel thanked the following members rotating off:

- Natsue Abe
- Cara Burberry
- Cristiano Chiessi
- Bernard Coakley
- Sarah Feakins
- Gilles Guerin
- Ryota Hino
- Marci Robinson
- Lindsay Worthington
- Helenice Vital

**11.** The panel thanked meeting hosts Dr. Jens Kallmeyer and Prof. Dr. Dr. h.c. Reinhard Hüttl of the Deutsches GeoForschungsZentrum, Potsdam.

**Meeting Adjourned**