

**14<sup>th</sup> Meeting of the  
Science Steering and Evaluation Panel  
May 18-21<sup>st</sup>, 2010  
The ‘Kochi City Culture Plaza’ Cul-port  
Kochi, Japan**

**Draft Minutes (v1)**

**1. Joint Session, Introduction**

**1.1. Call to Order and brief introduction to the meeting (SSEP co-chair Iryu)**

Science Steering and Evaluation Panel (SSEP) co-chair Iryu welcomed participants, thanked local host Inagaki, and briefly reviewed the meeting agenda and described how the meeting would be organized. Furthermore, Iryu announced that the meeting would take three days, with required reviews for 13 drilling proposals (and one discussion of a complimentary project proposal (CPP)), and that it will include a discussion/evaluation of SSEP protocols.

**1.2. Self-introduction of panel members, liaisons, and guests**

The attendees briefly introduced themselves and explained their function during the meeting. Meeting attendees are included in Appendix 1. Among the guests are US Science Support Program (USSSP) invited students Hintz, McKoy and Navarette, guided and introduced by Vivian Whitney.

**1.3. Welcome and meeting logistics (host Inagaki)**

Local host SSEP member Inagaki welcomed delegates and briefly explained logistics. The SSEP thanked him for organizing the meeting and for guiding a much appreciated field trip on May 17<sup>th</sup>.

**1.4. Approval of present 14<sup>th</sup> SSEP meeting agenda (Iryu)**

<b>SSEP Consensus 1005-1:</b> The SSEP approves the revised agenda of their 14 <sup>th</sup> meeting, May 18-21, 2010 in Kochi, Japan.
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The agenda for the 14<sup>th</sup> meeting of SSEP is provided as **Appendix 2**.

**1.5. Approval of last (13<sup>th</sup>) SSEP meeting minutes (Iryu)**

Iryu asked for approval of the most recent 13<sup>th</sup> SSEP meeting in Melbourne, Australia (November 2009). Iryu asked for a consensus to approve the minutes ‘as is’, and all members agreed.

<b>SSEP Consensus 1005-2:</b> The SSEP approves the minutes of their 13 <sup>th</sup> SSEP meeting on May 16-18 <sup>th</sup> 2009, Melbourne, Australia.
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**1.7 IODP-MI Report (H. Kawamura)**

Hiroshi Kawamura (Science Support, Integrated Ocean Drilling Program, Management International, Inc. (IODP-MI)) reported on activities at IODP-MI. He

provided information about the IODP organizational structure and gave an overview of the current Science Advisory Structure (SAS) meeting schedule. He then provided proposal submission statistics. For this SSEP meeting, IODP-MI received 14 proposals (3 deep biosphere, 5 environment, 6 solid Earth). As of May 2010, 105 proposals were active in the system. For the current SSEP meeting there are 7 full proposals, 2 pre-proposals, 4 ancillary project letters (APLs), as well as one CPP proposal. Following an extensive review of all proposal statistics, Kawamura explained the potential outcomes and recommendations for each proposal type for the current meeting. He mentioned that Barry Zelt was no longer with IODP-MI, listed the current IODP-MI vacancies, and then concluded with a reminder of the current SSEP member rotation schedule.

## **1.7. Science Advisory Structure Panel Reports**

### **1.7.1. Site Survey Panel Report (K. Kawamura)**

Kiichiro Kawamura (Site Survey Panel (SSP) liaison) explained the role of the SSP and reported the outcomes of the most recent January 2010 SSP meeting in Oakland, New Zealand. Kawamura provided updates on those proposals that the SSP panel evaluated during the meeting (14 full proposals, 4APLs, and 3 pre-proposals)

### **1.7.2. United States Implementing Organization Report (Zarikian)**

Carlos Zarikian (Texas A&M University) reported on *JOIDES Resolution (JR)* expeditions and the new schedule. He briefly reviewed the accomplishments of the Canterbury and Wilkes Land expeditions; both were very successful. Sampling parties organized for the Bering Sea expedition were equally successful, and more are now scheduled for later expeditions. New expeditions (e.g., Juan de Fuca, Cascadia, South Pacific Gyre Microbiology, Louisville Seamounts, Superfast/CRISP, Mid-Atlantic Microbiology) are scheduled to begin in July 2010. Furthermore, Zarikian provided an update on Lamont-Doherty Earth Observatory (LDEO) status and outreach activities for recent expeditions, including the successful video reports created during Wilkes Land and many video conferences to and from the ship with schools and museums. He finished by announcing that the *JR* has been undergoing significant maintenance including re-arrangement of the core lab.

### **1.7.3. Center for Deep Earth Exploration Report (Nielsen)**

Simon Nielsen (Center for Deep Earth Exploration (CDEX)) provided an update on the current CDEX and *Chikyu* status. Activities of CDEX in 2009-2010 included two training missions, a drydock phase for the ship, outreach activities, and the planning of IODP expeditions for Stage 3 of the Nankai Trough Seismogenic Zone Experiment (NanTroSEIZE) Complex Drilling Project. Stage 3 will begin during the second half of 2010, with drilling of the top hole (installation of conductor pipe and drilling to 800 meters below the seafloor to set casing) for the NanTroSEIZE deep riser site, as well as installation of observatories at several NanTroSEIZE sites.

#### **1.7.4. Kochi Core Center Report (Gupta)**

Lallan Gupta (Kochi Core Center (KCC)) reviewed the status of the KCC. Ultramodern facilities are available for the sampling scientists and most of the currently available reefer space is filled.

#### **1.7.5. ECORD Science Operator Report (Davis)**

Davis reported on recent activities by the European Consortium for Ocean Drilling Research (ECORD) Science Operator (ESO). She reviewed the accomplishments of Expedition 313 (New Jersey Shallow Shelf) and 325 (Great Barrier Reef Environmental Changes). She reviewed the outreach activities, symposia, workshops and meetings (including the European Geosciences Union (EGU) meeting), and announced the forthcoming ECORD-sponsored summer schools. Brinkhuis added that as of this year, besides ECORD grants (for students from European countries), National Science Foundation (NSF) grants are available for US students.

#### **1.7.6. Engineering Development Panel Report (Ussler)**

Bill Ussler (Engineering Development Panel (EDP) liaison) reviewed the role of EDP and updated the SSEP on EDP activities. He summarized current technological issues, including continuous core recovery high latitude coring activities. He then reviewed engineering and technical issues for upcoming proposals, which include the Simple Cabled Instrument for Measuring Parameters In-Situ (SCIMPI) and non-magnetic core barrels.

## **2. Reviewing Process**

### **2.1 Introduction**

The SSEP co-chair Iryu reviewed the SSEP terms of reference, and explained again the conflict of interest (COI) rules that had been circulated prior to the meeting. Iryu reviewed the star grouping system and reminded the panel that if an EDP and/or Scientific Technology Panel (STP) review was requested, a detailed justification would need to be added to the review.

### **2.1 Breakout Sessions**

A total of 13 proposals were reviewed during this phase of the meeting (the CPP is discussed later). Panel members were divided into two breakout sessions for detailed discussions of the proposals: Breakout Group 1: *Solid Earth* (chaired by M. Torres) and Breakout Group 2: *Paleoenvironment and Microbiology* (chaired by F. Iryu and H. Brinkhuis).

The conflict of interest rules and confidentiality requirements were respected during the entire review procedure (breakout sessions, general sessions, and grouping). The table below lists the conflicted SSEP members, liaisons, and guests who left the room during the review of the relevant proposals.

Proposals to be reviewed:

<b>Proposal</b>	<b>Short title</b>	<b>Lead proponent</b>	<b>Conflict of Int.</b>
737-Full2	North Sea Cenozoic Climate Change	Donders	
<del>745-CPP</del>	<del>Shimokita Coal Bed Biosphere</del>	<del>Inagaki</del>	Inagaki, Hinrichs
748-Full2	Nice Airport Landslide	Stegmann	Cattaneo
751-Full	West Antarctic Ice Sheet Climate	Bart	
754-Full2	Norwegian Sea Silica Diagenesis	Davies	
758-Full2	Atlantis Massif Seafloor Processes	Früh-Green	
765-Pre	Arctic Slope Stability	Winkemann	
766-APL	Essaouira Seamount Hotspot	Geldmacher	
767-Pre	Tore Seamount Paleoenvironment	Lebreiro	
768-APL	Gulf of Mexico Paleoclimatology	Flower	
769-APL	Costa Rica Crustal Architecture	Tominaga	
770-Full	Kanto Asperity Project: Observatories	Kobayashi	
771-Full	Iberian Margin Paleoclimate 2	Hodell	Hodell
772-APL	North Atlantic Crustal Architecture	Tominaga	

### Watchdog assignments

#### Watchdog assignments (ver. 10):

#### Breakout Group 1: Earth • Chair: Torres •

<b>Proposal</b>	<b>Lead WD</b>	<b>WD #2</b>	<b>WD #3</b>	<b>WD #4</b>	<b>WD #5</b>
748-Full2	Carlut,	Ikehara,	McHugh	Vrolijk	Michibayashi
754-Full2	Marsaglia	Smirnov	Koepke	Suzuki	Yamamoto
766-APL	Maclennan	Ishizuka	Smirnov	Morishita	Moulin
758-Full2	Schulte	Hinrichs	Inagaki	Marsaglia	Suzuki
769-APL	Ishiwatari	Ishizuka	Maclennan	Morishita	Harris
770-Full	Smirnov	Harris	Michibayashi	Carlut	Cattaneo
772-APL	Moulin	Maclennan	Morishita	Koepke	Ishiwatari

#### Breakout Group 2: Paleoenvironment and Microbiology • Co-chairs: Iryu and Brinkhuis •

<b>Proposal</b>	<b>Lead WD</b>	<b>WD #2</b>	<b>WD #3</b>	<b>WD #4</b>	<b>WD #5</b>
737-Full2	Rosenthal	Hodell	Ikehara	Cattaneo	Su, Xin
751-Full	Hodell	Sato	Carlut	Lee	Pahnke
758-Full2	Schulte	Hinrichs	Inagaki	Marsaglia	Suzuki
765-Pre	Hornbach	Michibayashi	Harris	McHugh	Vrolijk
767-Pre	Sato	Su, Xin	Gallagher	Inagaki	Lee
768-APL	Gallagher	Yamamoto	Pahnke	Rosenthal	Hodell
771-Full	Pahnke	McHugh	Lee	Su, Xin	Hinrichs

### 3. Joint Session, Proposal Dispositions

The course of action regarding each of the 13 SSEP proposals reviewed during the Kochi meeting was achieved by consensus of the full panel. The specific dispositions for each proposal were as follows:

Number	Short Title	Contact Proponent	Disposition
737-Full2	North Sea Climate Change	Donders	Revise full
748-Full2	Nice Airport Landslide	Stegmann	Forward to SPC 3 with three stars
751-Full	West Antarctic Ice Sheet Climate	Bart	Revise full
754-Full2	Norwegian Sea Silica Diagenesis	Davies	Revise full
758-Full2	Atlantis Massif Seafloor Processes	Früh-Green	External review
765-Pre	Arctic Slope Stability	Winkelmann	Deactivate
766-APL	Essaouira Seamount Hotspot	Geldmacher	Revise APL
767-Pre	Tore Seamount Paleoenvironment	Lebreiro	Deactivate
768-APL	Gulf of Mexico Paleoclimatology	Flower	Revise APL
769-APL	Costa Rica Crustal Architecture	Tominaga	Revise APL
770-Full	Kanto Asperity Project: Observatories	Kobayashi	Revise full
771-Full	Iberian Margin Paleoclimate 2	Hodell	Revise full
772-APL	North Atlantic Crustal Architecture	Tominaga	Revise APL
745 CPP	Shimokita Coal Bed Biosphere	Inagaki	Forward to SPC

The summary dispositions were as follows:

Pre-Proposal: request Pre2 Proposal	=	0
Pre-Proposal: request Full Proposal	=	0
Full Proposal: forward to SPC	=	1 (Grouping: 3*)
Full Proposal: send for External Review	=	1
APL: request revision	=	4
APL: forward to SPC	=	0
CPP: forward to SPC	=	1
Full Proposal: request revision	=	5
Full Proposal: request new submission/deactivate	=	0
Pre Proposal: request new submission/deactivate	=	2
APL: request new submission/deactivate	=	0

A qualitative grouping was assigned to those proposals forwarded to the Science Planning Committee (SPC) using the 5-star scale grouping. Grouping was obtained by consensus of the full panel, after evaluation against the individual grouping criteria.

#### **4. Discussion and evaluation of SSEP protocols and proposal review process**

Torres introduced issues to be discussed regarding the functioning of SSEP and provided several recommendations on the behalf of all co-chairs. These included: (1) obligatory former lead watchdog (WD) to contact the new WD to maintain solid historical perspective of a proposal, (2) early proposal history information to be provided by IODP-MI, (3) establish a protocol or guidelines for SSEP WD assignments, and (4) have proactive panel members aiding in recognition of potential problems with proposed WD assignments. Discussion led to several additional suggestions, including: (1) have better reviewer-proponent contact through lead WD (Hodell), (2) **have proponents provide high-resolution figure files during submission of a proposal for use in Power Point presentations during the SSEP meeting**, and (3) have proponents provide a detailed rebuttal letter when a revised version of their proposal is submitted (Hinrichs). The latter was re-formulated as a motion, seconded by Schulte, and accepted by consensus.

**SSEP Motion 1005-3:** The SSEP requests that proponents co-submit a detailed rebuttal document together with any revised version of a proposal.

Marsaglia moved, Schulte seconded, 31 in favor, 0 opposed, 0 abstained

A brief overview of current (non-stipulated) proceedings regarding watchdog assignment was provided by co-chair Brinkhuis. Vrolijk reiterated that while WDs have been assigned to a given proposal, the entire panel is also responsible. The earlier suggested recommendations were further discussed and this led to a motion by Marsaglia to ask the co-chairs to prepare a document with SSEP guidelines for the next meeting, seconded by Schulte. This motion was accepted by consensus.

**SSEP Motion 1005-4:** The SSEP panel asks the co-chairs to prepare a draft version of guidelines regarding WD assignment and associated SSEP procedures to be ready for discussion at the next meeting of SSEP.

Marsaglia moved, Schulte seconded, 31 in favor, 0 opposed, 0 abstained

It was remarked that such guidelines would be useful also for other SAS panels that include WDs (Ishiwatari). Other issues were subsequently raised by SSEP panel members including the notion that the breakout groups should be as many as possible, allowing expertise of panel members to be maximized (Hinrichs). Alternatively, it was suggested that a single general session would perhaps be preferable. There was general consensus that SSEP must be flexible in this regard, seeking to optimize proposal review and nurturing. It was also remarked that there should be time dedicated to write and compose the SSEP reviews during any SSEP meeting (Torres). Other discussed issues included: (1) WD-proponent contacts prior to a panel meeting, discouraging such procedures (Torres) and (2) the idea of having proponents presenting proposals (Hinrichs), which was deemed problematic because of logistical, financial, and objectivity reasons. It was

also decided to maintain the current ‘COI rules’. There was a brief discussion regarding handling of deactivation versus resubmission of the same or similar proposals, before turning to issues regarding a lack of a mechanism to appeal and a code of conduct within SAS (bodies). At this stage, SPC chair Fillipelli commented on these, and related issues, including cases where proponents approached SPC in attempts to overrule SSEP decisions. He stated that: (1) SPC only would comment on the system rather than individual cases, (2) that there was indeed a lack of an appeal mechanism, (3) SPC sticks to their mandate, including only handling proposals after SSEP has forwarded them to SPC, and (4) such cases should be regarded as ‘incidents’ providing no basis for structural changes. Furthermore, it was noted that ‘complaints about SSEP’ sent to SPC were not forwarded to SSEP panel members. Following discussion among various panel members led to the idea that a proponent’s issues with SSEP decisions and recommendations should be directed towards SSEP alone. It led to a motion asking SPC to formulate a possible appeal process by Vrolijk, seconded by Schulte. This motion was approved by consensus.

**SSEP Motion 1005-5:** The SSEP asks SPC to provide stipulations regarding an appeal process regarding issues concerning SSEP decisions for proponents of proposals, to be discussed and produced during the next meeting of SPC.

Marsaglia moved, Schulte seconded, 31 in favor, 0 opposed, 0 abstained

## **5. Evaluation of Complimentary Project Proposal procedures and experiences (Vrolijk)**

CPPs are a relatively new SPC invention, and the concept was implemented for the first time with Proposal 745-CPP. WDs were assigned swiftly and were found very responsive and dedicated. There was overall commitment to uphold the principles of SSEP. The use of the ‘message board’ was a reasonable success, but needs to be further developed. Global time zones posed a challenge. The process succeeded because everyone practiced the assumption of good intent. Things that are recommended for improvement include: (1) designation of an IODP-MI point contact, (2) greater recognition of the flexibility required for interpretation of IODP-MI rules, (3) more explicit note to WDs that they are on the verge of being involved in time-sensitive work, and (4) involvement of the remainder of the SSEP members – finding a mechanism to quickly reach consensus online. Co-chairs again thanked everyone involved.

## **6. Upcoming SSEP meetings**

The 15<sup>th</sup> SSEP meeting will be in Portland, OregonUSA; tentative dates are 7<sup>th</sup> to 10<sup>th</sup> November 2010. The subsequent meeting in May 2011 will be held at either Cambridge (Hodell) or Bremen (Hinrichs).

## **7. Resolutions for outgoing SSEP members**

Resolutions were given for outgoing SSEP members, viz: Hinrichs (by H. Brinkhuis), Ishiwatari (by Michibayashi), Marsaglia (by McHugh), Schulte (by Harris), and Vrolijk

(by Hornbach).

## **8. Conclusion**

The co-chairs Yasafumi Iryu, Marta Torres, and Henk Brinkhuis thanked all of the panel members for their dedication and hard work, and again thanked Fumio Inagaki for hosting the meeting. Watchdogs submitted drafts of proposal reviews to the IODP-MI science coordinators (Hiroshi Kawamura and Denise Kulhanek) before the meeting ended.

## APPENDIX 1: SSEP Meeting Attendees

Name	E-mail	Affiliation	
Brinkhuis, Hendrik*	H.Brinkhuis@uu.nl	SSEP	co-chair
Carlut, Julie	jcarlut@geologie.ens.fr	SSEP	
Cattaneo, Antonio <sup>a</sup>	Antonio.Cattaneo@ifremer.fr	SSEP	alternate for Berné, Serge
Gallagher, Stephen	sjgall@unimelb.edu.au	SSEP	host
Harris, Robert	rharris@coas.oregonstate.edu	SSEP	
Hinrichs, Kai-Uwe	khinrichs@uni-bremen.de	SSEP	
Hodell, David**	dhod07@esc.cam.ac.uk	SSEP	new member
Hornbach, Matthew	matth@utig.ig.utexas.edu	SSEP	
Ikehara, Ken	k-ikehara@aist.go.jp	SSEP	
Inagaki, Fumio	inagaki@jamstec.go.jp	SSEP	
Iryu Yasufumi*	iryu.yasufumi@a.mbox.nagoya-u.ac.jp	SSEP	co-chair
Ishiwatari, Akira	geoishw@cneas.tohoku.ac.jp	SSEP	
Ishizuka, Osamu**	o-ishizuka@aist.go.jp	SSEP	new member
Koepke, Jürgen**	koepke@mineralogie.uni-hannover.de	SSEP	new member
Lee, Kyung Eun	kyung@hhu.ac.kr	SSEP	
Maclennan, John	jcm1004@cam.ac.uk	SSEP	
Marsaglia, Kathleen	kathie.marsaglia@csun.edu	SSEP	
McHugh, Cecilia	cmchugh@qc.cuny.edu	SSEP	
Michibayashi, Katsuyuki	sekmich@ipc.shizuoka.ac.jp	SSEP	
Morishita, Tomoaki**	moripta@kenroku.kanazawa-u.ac.jp	SSEP	new member alternate for Daniele Brunelli
Moulin, Maryline <sup>b</sup>	mmoulin@fc.ul.pt	SSEP	
Pahnke, Katharina	kpahnke@hawaii.edu	SSEP	
Rosenthal, Yair	rosentha@marine.rutgers.edu	SSEP	
Sato, Tokiyuki	toki@keigo.mine.akita-u.ac.jp	SSEP	
Schulte, Mitch	schultemd@missouri.edu	SSEP	
Smirnov, Aleksey	asmirnov@mtu.edu	SSEP	
Su, Xin**	xsu@cugb.edu.cn	SSEP	new member
Suzuki, Yohey	yohey-suzuki@aist.go.jp	SSEP	
Torres, Marta*	mtorres@coas.oregonstate.edu	SSEP	co-chair
Vrolijk, Peter	peter.vrolijk@exxonmobil.com	SSEP	
Yamamoto, Masanobu**	myama@ees.hokudai.ac.jp	SSEP	new member
<i>Observers</i>			
Anderson, Louise	lma9@le.ac.uk	USIO	
Davies, Sarah	sjd27@leicester.ac.uk	ESO	
Filippelli, Gabe	gfilippe@iupui.edu	SPC	
Guerin, Gilles	guerin@ldeo.columbia.edu	USIO	

Kawamura, Hiroshi	science@iodp-mi-sapporo.org	IODP-MI
Kawamura, Kiichiro	kichiro@fgi.or.jp	SSP
Kawamura, Yoshi	ykawamura@iodp.org	IODP-MI
Kubo, Yusuke	kuboy@jamstec.go.jp	CDEX
Kulhanek, Denise	science@iodp-mi-sapporo.org	IODP-MI
Nielsen, Simon	simon.n@jamstec.go.jp	CDEX
Powell, Emily	EPowell@oceanleadership.org	COL
Slage, Angela	aslagle@ldeo.columbia.edu	ESO
Ussler, Bill	methane@mbari.org	EDP
Yang, Ting	tyang@tongji.edu.cn	Observer
Zarikian, Carlos	zarikian@iodp.tamu.edu	USIO

*MSPHD program observers*

Whitney, Vivian		
Hintz, Amanda		MSPHD program
McKoy, Kendra		MSPHD program
Navarrete, Jessica		
Urbina		MSPHD program

\*SSEP co-chair

\*\*new members

<sup>a</sup>alternate for Serge Berné

<sup>b</sup>alternate for Daniele Brunelli

APPENDIX 2: MEETING AGENDA

**14<sup>th</sup> Meeting of the Science Steering and Evaluation Panel**

**Kochi City Culture-Plaza Cul-Port, Kochi, Japan**

**May 18-21<sup>st</sup>, 2010**

*Meeting Agenda*

**Monday May 17, 2010 (Optional)**

10:00 to 17:30 Visit on-land accretionary complexes, Shimanto Belt, Muroto Peninsula

18:00 Sponsored ice breaker

**Tuesday, May 18, 2010 08:30-17:00**

***Joint Session, Reports***

- Introduction of attendees to SSEP (Iryu)
- Introduction of students sent by USSSP to SSEP (???)
- Opening Remarks by Host (Inagaki)
- Approval of the agenda (Iryu)
- Approval of minutes from Melbourne, Australia November, 2009 (Iryu)
- Introduction to the meeting (Iryu)
- IODP-MI report (H. Kawamura)
- SSP report (K. Kawamura)
- USIO report (Zarikian)

----- Coffee break ----

- CDEX report (Toczko?)
- ESO report (Davis?)
- EDP report (Ussler)

----- Lunch break ----

***Joint Session, Meeting overview***

- Reviewing process and breakout sessions (Iryu)

***Breakout sessions***

- Proposal review

Proposals to be reviewed:

<b>Proposal</b>	<b>Short title</b>	<b>Lead proponent</b>	<b>Conflict of Int.</b>
737-Full2	North Sea Cenozoic Climate Change	Donders	
<del>745-CPP</del>	<del>Shimokita Coal Bed Biosphere</del>	<del>Inagaki</del>	Inagaki, Hinrichs
748-Full2	Nice Airport Landslide	Stegmann	Cattaneo
751-Full	West Antarctic Ice Sheet Climate	Bart	
754-Full2	Norwegian Sea Silica Diagenesis	Davies	
758-Full2	Atlantis Massif Seafloor Processes	Früh-Green	
765-Pre	Arctic Slope Stability	Winkemann	
766-APL	Essaouira Seamount Hotspot	Geldmacher	
767-Pre	Tore Seamount Paleoenvironment	Lebreiro	

768-APL	Gulf of Mexico Paleoclimatology	Flower	
769-APL	Costa Rica Crustal Architecture	Tominaga	
770-Full	Kanto Asperity Project: Observatories	Kobayashi	
771-Full	Iberian Margin Paleoclimate 2	Hodell	Hodell
772-APL	North Atlantic Crustal Architecture	Tominaga	

**Watchdog assignments (ver. 10):**

**Breakout Group 1: Earth • Chair: Torres •**

Proposal	Lead WD	WD #2	WD #3	WD #4	WD #5
748-Full2	Carlut,	Ikehara,	McHugh	Vrolijk	Michibayashi
754-Full2	Marsaglia	Smirnov	Koepke	Suzuki	Yamamoto
766-APL	Maclennan	Ishizuka	Smirnov	Morishita	Moulin
758-Full2	Schulte	Hinrichs	Inagaki	Marsaglia	Suzuki
769-APL	Ishiwatari	Ishizuka	Maclennan	Morishita	Harris
770-Full	Smirnov	Harris	Michibayashi	Carlut	Cattaneo
772-APL	Moulin	Maclennan	Morishita	Koepke	Ishiwatari

**Breakout Group 2: Paleoenvironment and Microbiology • Co-chairs: Iryu and Brinkhuis •**

Proposal	Lead WD	WD #2	WD #3	WD #4	WD #5
737-Full2	Rosenthal	Hodell	Ikehara	Cattaneo	Su, Xin
751-Full	Hodell	Sato	Carlut	Lee	Pahnke
758-Full2	Schulte	Hinrichs	Inagaki	Marsaglia	Suzuki
765-Pre	Hornbach	Michibayashi	Harris	McHugh	Vrolijk
767-Pre	Sato	Su, Xin	Gallagher	Inagaki	Lee
768-APL	Gallagher	Yamamoto	Pahnke	Rosenthal	Hodell
771-Full	Pahnke	McHugh	Lee	Su, Xin	Hinrichs

**Wednesday, May 19, 2010 08:30-17:00**

**Breakout sessions**

- Proposal review cont.
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**Joint SSEP session**

**SPC report (Filippelli)**

- Proposal Review

**Thursday, May 20, 2010 08:30-16:00**

**Joint SSEP session**

- Proposal Review
- Discussions and recommendations to SPC
- Discussion and evaluation of SSEP protocols and proposal review process, recommendations to SAS evaluating committees
- Announcements on upcoming SSEP Meetings Nov 2010 (USA), May 2011 (Europe?)

- Resolutions for outgoing SSEP: Hinrichs, Ishiwatari, Marsaglia, Rosenthal, Schulte, Vrolijk
- Conclusions

***16:00 Optional visit to the KCC*** : After the meeting, take a bus to Kochi Core Sampling Research Center (KCC), and tour the Core repository and laboratory. Barbecue dinner party at KCC (pay your own).