

# ECORD

Science Support &  
Advisory Committee

## ESSAC Council Meeting #7

### MARUM, Bremen, Germany

Room 2070 of the MARUM I building  
MARUM – Center for Marine Environmental Sciences  
University of Bremen  
Leobener Strasse 28359 Bremen, Germany

OCTOBER 25<sup>th</sup>, 2016



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# MINUTES

October 25<sup>th</sup>, 2016 - 2:00 pm / 6:20 pm

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## INTRODUCTION 30'

### 1 - Self introduction and logistical information

After a welcome by J. Behrmann the ESSAC delegates conducted a round of self-introductions. Attendance was sufficient to reach a quorum for decisions, consensus statements and action items.

### 2 - Approval of the agenda and approval of minutes of previous meeting

J. Behrmann asks for comments and suggestions regarding the the Agenda. Agenda is approved as read

**Consensus Item 2510-1: The Agenda of the ESSAC Council Meeting #7 in Bremen is approved by the delegates.**

The delegates approve the minutes of the ESSAC Council Meeting #6 at Faro (Portugal) as read.

**Consensus Item 2610-2: The ESSAC Delegates approve the minutes ESSAC council Meeting in Faro #6.**

### 3 - Objectives of the meeting (J. Behrmann)

The Chair gives a short introduction regarding the objectives of the meeting

### 4 - Review of Action Items since the ESSAC Council #6 meeting

**Action Item 1605-1:** The ESSAC Delegates will nominate colleagues to serve on the ECORD Evaluation Committee (EEC). Names to be given to Gilbert Camoin directly until September 30 2016 (The Nominees should not have Conflicts of Interest (i.e. no recent proposition of or participation in IODP Expeditions). **DONE**

**Action Item 1605-2:** The ESSAC Office will contact the EGU 2017 Town Hall Meeting Organizers with a proposition to cut down on science talks or make them yet more focused. **TO BE DONE once conveners of the Townhall Meeting at EGU 2017 are identified**

**Action Item 1605-3:** All Delegates will send a report of (maximum 0.5 pages) on their national IODP Activities since November 2015 to the ESSAC Office. The ESSAC Office will compile and distribute these reports to all delegates and

national offices. The deadline for submission is 10 June, the office will distribute the reports until 20 June. **DONE**

**Action Item 1605-4:** The ESSAC Office will improve on the text of future calls for Research Grants in order to increase clarity, and remove ambiguities regarding the maximum amount of funding to be applied for. **DONE – will be implemented in upcoming call**

**Action Item 1605-5:** The ESSAC Office will extend the deadline for applications and nominations for the Distinguished Lecturer Program (DLP) to 1 July 2016 and communicate this in an open call. All national Delegates are encouraged to be proactive in approaching and nominating suitable high profile candidates. Following the deadline the evaluation and decision process will be conducted by email and completed by 1 September 2016. **DONE**

## **ESSAC NEWS 45'**

### **5 - ESSAC Office news**

H. Kinkel presents News from the ESSAC Office. During Summer 2016 the new ESSAC website was launched, including a new newsletter format.

The ESSAC Office has been involved in several webinars for upcoming IODP Expeditions, which received large positive feedback and were attended by up to 50 participants. The webinars were carried out in conjunction with the expedition Co-Chief Scientists and the JRSO or ESO, respectively.

The ESSAC Office was present with a booth at the European Research Night held in Kiel on 30 September, with more than 1000 visitors at GEOMAR, where core replicas from Tahiti and the PETM were displayed. The core replicas were then shipped to the BGS in Edinburgh for the opening of the Lyell Centre.

IODP has launched a new bibliographic publication database, containing all DSDP, ODP & IODP publications (<http://iodp.americangeosciences.org/vufind/>). H. Kinkel will retrieve publications for all member countries and distribute them, so the publications are updated and coherent.

### **6 - Representatives and National Office Reports (All) 30'**

#### **ITALY (by Andrea Argani)**

Summary of recent activity of the Italian scientific community involved in IODP research.

The IODP National Office is set and a dedicated commission is working to manage the activities. A website [iodp-italia.cnr.it](http://iodp-italia.cnr.it) has been implemented. An IODP-Italia booth was installed at the 88<sup>th</sup> congress of the Italian Geological Society (Naples, 7-9 September 2016). It was attended by the Italian shipboard scientists Karen Gariboldi, Laura De Santis, Alessio Sanfilippo and Riccardo Tribuzio. IODP core replicas were on show

Sergio Andò (University of Milano Bicocca), participant of Exp. 355 *Arabian Sea Monsoon*, presented a paper at EGU General Assembly (Vienna, Austria, 17-22 April 2016). Alessio Sanfilippo (University of Pavia) presented at IODP Exp. 360 Editorial Meeting (College Station, Texas, 9-14 May 2016). Laura De Santis and Nigel

Wardell joined the EPSP Review meeting held in College Station last July to discuss the IODP Proposal 751-Full2 “West Antarctic Ice Sheet Climate (Ross Sea)”. Laura de Santis has been appointed co-chief scientist on board JR Exp. 374 “Ross Sea West Antarctic Ice Sheet History”, scheduled for 4 January – 8 March 2018. She also submitted the Magellan – IODP USSSP workshop report “Antarctica's Cenozoic Ice and Climate History: New Science and New Challenges of Drilling in Antarctic Waters”.

Three Italian scientists have been invited to sail on IODP Expeditions 367-368 South China Sea Rifted Margin (February to June 2017): Claudia Lupi (University of Pavia), Jacopo Boaga (University of Padova), and Sara Satolli (University of Chieti-Pescara). The interest of the scientific community is testified by the 13 applicants to the scheduled IODP Expeditions 369, 372, 374, 375, 373; they are mostly young scientists.

Alessia Cicconi participated as a non US-based in the School of Rock of Program “Exploring Ocean Cores and Climate Connections from Antarctica across the Southern Ocean”, on board the Joides Resolution, Cape Town, 29 May – 6 June 2016.

### **SWITZERLAND (by G. Frueh-Green)**

We are pleased that two young scientists from Swiss universities have been invited to join IODP expeditions in 2016. Lorenzo Lagostina (ETH Zurich) is participating in the current Expedition 370 from September to November aboard the RV/Chikyū. As a microbiologist, he will focus on the activity of microbial communities living in the seafloor near the Muroto Transect (Nankai Trough). Philip Eickenbusch (also a microbiologist from ETH Zurich) has been invited to join Expedition 366 on board RV/JOIDES Resolution: Mariana Convergent Margin & South Chamorro Seamount.

For the second time, SwissDrilling.ch will have an informational booth at the annual Swiss Geoscience Meeting, which will be held on the 18th and 19th November 2016 in Geneva. The booth will present past and future Swiss IODP and ICDP activities to the geoscience community of Switzerland and inform young researchers how to become involved in scientific drilling.

Members in ECORD in the advisory committees: Andrea Moscariello (University of Geneva) as chair of the ECORD Industry Liaison Panel; Stefano Bernasconi (ETH Zurich) as member of the MagellanPlus evaluation committee; and Samuel Jacard (University of Bern) as member of the Science Evaluation Panel.

The Swiss news report that Swiss SNF has agreed to continue membership in ECORD for another two years, with a participation of \$700'000 per year. They will evaluate membership after 2018 when the official review of ECORD activities in 2017-2018 is complete.

### **France (By Georges Ceuleneer)**

The CNRS is actively supporting the participation of French scientists to IODP expeditions. Two French researchers have boarded recently on the *JOIDES Resolution* thanks to a two-year CNRS post-doc contract: Julien Crespin (EPOC Environnements et Paléoenvironnements Océaniques et Continentaux - Bordeaux) on Expedition 361 “Southern African Climates”) and Hugo Poudroux (photo) (Géosciences Rennes) on Expedition 362 “Sumatra Seismogenic Zone”. Their contracts have been renewed for 2017 to allow them to finalize their post-cruise project. This is a very positive message demonstrating the interest of our main funding institution for IODP.

French teachers are deeply involved in the IODP Education and Outreach activities: Michelle Darrieu (Lycée Français à Bruxelles) boarded on expedition 359 “Maldives

Monsoon and Sea Level”, Marion Burgio (Lycée Louis Barthou – Pau) on expedition 360 “SW Indian Ridge Lower Crust and Moho”, Agnès Pointu (photo) (Lycée Louis de Broglie, Marly-le-Roi) on expedition 362.

The IODP-France scientific days are going to be held at the CNRS headquarter in Paris on Nov 29th and 30th 2016. More than 100 participants will attend this event. This will be the opportunity to highlight the “good health” of the French IODP community and to present the salient results of recent expeditions to our colleagues and to the representatives of funding agencies and institutions.

### **Canada (by Dominique Weis)**

Outreach: The IODP-Canada website content was updated and migrated to a new hosting platform. Our domain name ([www.iodpcanada.ca](http://www.iodpcanada.ca)) was secured for the next 5 years.

The IODP-Canada Scientific Coordinator staffed the CDEX/JAMSTEC booth as the ECORD representative at the Goldschmidt conference in Yokohama, Japan (26 June – 1 July 2016). A group of students, staff and faculty from universities in Canada went on a tour of the Chikyu (led by Nobu Eguchi, JAMSTEC Science Operations Manager).

Expeditions: Man-Yin Tsang, PhD student at the University of Toronto, is currently sailing onboard the *Chikyu* as a sedimentologist for Expedition 370: T-Limit of the Deep Biosphere off Muroto (10 September – 10 November 2016). Another PhD student, Margaret Cramm from the University of Calgary, is simultaneously carrying out shore-based work on the cores as a microbiologist at the Kochi Core Center. Richard Grieve (Adjunct Professor, University of Western Ontario and Emeritus Scientist, Natural Resources Canada) was invited to participate as an impact petrologist in the onshore phase of Expedition 364: Chicxulub K-Pg Impact Crater (September/October 2016). R. Grieve replaced Osinski, who withdrew at the last minute. The CCOD did not approve this replacement.

Panels: Calvin Campbell (Research Scientist, Geological Survey of Canada – Atlantic) continued to serve as a Site Characterization Specialist on the IODP Science Evaluation Panel. Dominique Weis continued her role as Vice-Chair of both the JOIDES Resolution and ECORD Facility Boards.

New Proposals: Dominique Weis (University of British Columbia) is a co-proponent on the new Walvis Ridge proposal (890-Full, submitted on October 10 2016).

### **Portugal (by A. Voelker)**

During the last months, scientific activities in Portugal concentrated on studying existing or recently collected material. Work continued on the Exp. 339 – Mediterranean Outflow samples with progress being made on the pollen studies of Site U1385, the diatom faunal and Plio-/Pleistocene transition studies on Site U1391 and the early Pleistocene record and splice of Site U1387. Analyses started on samples from Exp. 346 – Asian Monsoon. Within the Interclimlinks project diatom faunal records from sites in the Japan Sea will be used to study the East Asian Monsoon variations during the last glacial/interglacial cycle and during the Mid-Pleistocene Transition (MPT). XRF analyses of cores from Exp. 359 – Maldives Monsoon were completed and samples collected. The samples will be used for a biomarker study on sea-surface temperature and deep-water variation study across the MPT.

## 7 - ECORD Distinguished Lecturer Program 2017/2018

The ESSAC Education and Outreach Subcommittee has nominated 4 Distinguished Lecturers for the ECORD DLP program 2016/17 (B. Wade, UCL London; M. Lever, ETH Zuerich; M. Conin, University de Lorraine; G. Frueh-Green, ETH Zuerich).

The program was announced via the website, newsletter and facebook for Host Institutions (Deadline 1 November 2016. NB: 33 Institutions applied) The scheduling process of the program will start in November so that first lectures can in principle be delivered in December.

## 8 - Teachers at Sea Program 2017

The ESSAC Office has organized the participation of several Teachers at Sea after the ranking done at the ESSAC Meeting #6 in Faro. A. Pointu (FRA) has participated in Expedition 362 (paid by IODP France). For the Onshore Science Party of Expedition 364 we selected B. Matyssek (GER) to participate in response to a special call. She was joined by K. Kurz (USA), who already participated in the offshore phase of the Expedition. The costs were shared with USSSP. M. Böttcher (GER) will sail on Expedition 366 (paid by IODP Germany) and A. Cicconi (ITA) will sail as Teacher at Sea in Expedition 367. The remaining candidates will be encouraged to participate in the upcoming Expeditions if berths become available. Due to the difficulties of guaranteeing a berth as Teacher at Sea a new call is to be launched in 2017, in the case that the remaining selected Teachers/ Outreach Officers are no longer available.

## 9 - ECORD Summer School Call for 2017

The Summer Schools held in 2016 have been a great success with a total of 120 students participating in the three Summer Schools (Leicester, Urbino, and Bremen). Each Summer School was supported by 10k€, and a total of 15 Scholarships were granted (6 Urbino, 3 Leicester and 6 Bremen). The Delegates discussed the scheme of the Summer Schools and since all three had submitted proposals to continue in 2017, it was decided but continue with the existing ones. The delegates would like to see a more detailed evaluation of the ECORD summerschools. The ESSAC will provide these evaluationas and discuuss this in the next meeting.

**Consensus Item 2016 -2510-3: All Delegates agree to support the three Summerschools existing in 2016 with 10k€ and the ECORD Training Course for their activities in 2017.**

## 10 - Schedule for upcoming E & O calls

The Call for the ECORD Research grants has been modified according to the suggestions made at the Faro Meeting (see above) and will be released in early December. The deadline for the Application to be 30 January 2017.

The Call for ECORD Scholarships to participate in summer schools will be issued in February 2017, when the program and dates for the summer schools are fixed.

## **EXPEDITIONS, NOMINATIONS AND STAFFING**

### **11 - New ECORD Members on JRFB and CIB**

J. Behrmann reports, that Wolfgang Bach (GER) has been appointed to serve on the JR Facility Board.

The new ECORD member of the JAMSTEC CIB has yet to be publically announced. (Note: B. Ildefonse, F has been appointed)

Regarding the IODP SEP J. Behrmann reminds the delegates, that ECORD needs to find a 9<sup>th</sup> SEP Science Member since Dick Kroon has stepped down as head of SEP.

The open all for two new SEP Science should be open to nationality and specialty, but will especially be addressed to female scientists, to improve gender balance in SEP. (DONE)

Furthermore in SEP Site Sebastian Krastel is rotating off, therefore an open call should be released. (DONE)

### **12 - Expedition staffing update**

J. Behrmann presents an overview of current expedition staffing and discusses development of national quotas.

### **13 - Expedition staffing (Exp. 369, 371, 373 and 374)**

For expedition 371, invitations to 8 ECORD scientists have been issued. There was a short discussion, why a special call was released for Expedition 371, although there had been additional candidates in the second priority. However, there are already 8 berths allocated to ECORD scientists following the first call. The special call was issued on request from JRSO, and will likely lead to one additional scientist from an ECORD country to be invited. JRDO is responsible for the staffing process, so the second priority candidates from the initial call are considered as well after the special call.

The nomination proposal for Expedition 369 is presented by J. Behrmann, followed by a discussion regarding the choice of first priority candidates from the PhD student cohort. After discussion it was decided to leave it up to JRSO and the co-chief scientists of the expedition to choose the most suitable candidate from the 2<sup>nd</sup> priority group of PhD students.

Overall the high rate of Co-Chief scientist invitations to ECORD scientists on IODP

expeditions continues, a fact that is positively acknowledged.

#### **14 - Upcoming expedition deadlines and calls**

Jan Behrman presents the upcoming expedition deadlines (Exp. 374, 372 &375). In order to handle the large number of applications and provide sufficient time for the rankings, the ESSAC office has provided a ftp server, and will send out the applications more timely. J. Behrman hopes to complete the nomination and staffing process for these expeditions before Christmas.

#### **ESSAC BUDGET 2017 20'**

#### **15 - ESSAC Budget 2017 – discussion and approval**

J. Behrmann presents the ESSAC Budget for the fiscal Year 2016 and 2017. Overall the Budget is reduced by 4.22% mainly due to the fact that salary costs for the ESSAC Science Coordinator have declined after moving the office to Germany. The budget for the ECORD Research Grants and DLP program were raised after the discussion in Faro by 12,5% and 20% respectively. Although there was a discussion whether it would be justifiable to keep the budget on the previous level, the delegates agreed on the proposal of a slightly smaller budget and approved it.

#### **CONCLUSIONS 30'**

#### **16 - Review of Consensus and Action Items**

Done impromptu at the meeting. Final wording to be found after the meeting and to be circulated with draft minutes

#### **17 - Next ESSAC Council Meeting**

W. Piller proposes to host the Spring Meeting in Graz (Austria), and the delegates discussed the most convenient week for the Meeting in order to avoid collisions with EGU and/or Easter. The ESSAC Office will organize a doodle poll to finalize the dates **(DONE)**

**Consensus Item 2016 -2510-4: All Delegates agree to hold the next ESSAC Council Meeting in Graz (Austria), and thanks Werner Piller for his kind offer.**

Tony Morris has made a proposition for the next ESSAC-ECORD Fall Meeting, suggesting to meet with the ESSAC Delegates in Plymouth, followed by a field trip along the world class outcrops of the Southern Coast of England, and afterwards hold the ECORD Council Meeting in Southampton. (Proposal in the meantime overruled by ECORD Council decision. Autumn 2017 Joint Meeting to be held in Edinburgh,



Scotland)

**18 – Any other Business**

**Consensus Item 2016 -2510-5: The ESSAC Delegates cordially thank Ulla Röhl for organizing the meeting in a hospitable, professional and efficient way at MARUM**

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