

AGENDA BOOK

ESSAC Meeting # 3

October 7, 2014

Zurich, Switzerland





ESSAC Meeting #3
7 October 2014
ETH, Zurich, Switzerland

AGENDA

Tuesday 7 October 2014, 13:00 – 18:00

ETH Main Building (Hauptgebäude), Room HG F 33.1, Rämistrasse 101

*Communal lunch for those who wish 11:45 to 12:45. Meeting point 11:30
Sonneggstrasse 5, near the focusTerra sign (look for large cut rock with folds) at
entrance closed to tram stop*

Coffee Break: ca. 15:30 – 16:00

- 1. Introduction** G. Früh-Green (45 minutes)
 - 1.1 Call to order, introductions
 - 1.2 Welcome and meeting logistics
 - 1.3 Discussion and approval of the (1) agenda and (2) minutes from the Keflavik 2st ESSAC meeting
 - 1.4 Review of Keflavik ESSAC meeting action items
- 2. ESSAC Activities and News** G. Früh-Green (45 minutes)
 - 2.1 ESSAC Office news
 - 2.2 ESSAC representatives and National Office reports / issues (ESSAC Delegates)
 - 2.3 Update on status of DLP - scheduling, budget
 - 2.3.1 Discussion about terms and non-ECORD members
- 3. Expeditions, Nominations and Staffing** G. Früh-Green (60 minutes)
 - 3.1 Staffing
 - 3.1.1 Updates on expedition staffing and applications
 - 3.1.2 Upcoming deadlines
 - 3.1.3 Discussion – Quotas, CPPs, in-kind contributions
 - 3.2 Update on advisory panel members and applications
 - 3.4 Discussion of ESSAC vice-chair 2015-2016/ future chair 2016-2018
 - 3.5 Upcoming calls for expeditions & panel members

- 4. Education and outreach – updates and outstanding issues** J. Gutiérrez-Pastor (60 minutes)
 - 4.1 ECORD Summer Schools 2014/2015 update
 - 4.2 ECORD Grants and Scholarships 2014
 - 4.2.1 Discussion of awards to non-ECORD applicants
 - 4.3 Teachers at Sea
 - 4.3.1 Status of applications
 - 4.3.2 Discussion of compensation and difference to US applicants (G. Früh-Green)
 - 4.4 Upcoming E & O calls 2015
 - 4.5 Changes to the ECORD/ESSAC websites / application procedures
- 5 General discussion of ESSAC policies and non-ECORD member applications** G. Früh-Green (30 minutes)
 - 5.1 Discussion of Russia as “Accessing ECORD Member” – involvement in E & O activities
 - 5.2 Formulation of consensus for non-ECORD applications for DLPs
 - 5.3 Formulation of consensus for non-ECORD applications for ECORD Scholarships
 - 5.4 Formulation of consensus for non-ECORD applications for ECORD Grants
- 6 Proposal and discussion of ESSAC Budget 2015** G. Früh-Green (20 minutes)
- 7. Next meetings** G. Früh-Green (20 minutes)
 - 7.1 Any outstanding issues for discussion during Joint ECORD/ESSAC meeting #2?
 - 7.2 ESSAC #4, May, 2015
- 8. Any other business** G. Früh-Green (10 minutes)

Review of consensus, motions and actions will be carried out by email

Wednesday 8 October

Field trip – led by Michael Strasser (ETH Zurich)

Rigi and Lake of Lucerne – an overview of Alpine Tectonics and Swiss Lake research

List of Participants

ESSAC Office

Gretchen Früh-Green (Chair and host)	ESSAC Delegate Switzerland
Julia Gutiérrez Pastor	ESSAC Science Coordinator

ESSAC Representatives

Sigal Abramovich	ESSAC Alternate Israel
Andrea Argnani	ESSAC Delegate Italy
Bryndís Brandsdóttir	ESSAC Delegate Iceland
Jochen Erbacher	ESSAC Alternate Germany, ESF Magellan Workshops
Kikki F. Kleiven	ESSAC Delegate Norway
Aarno Kotilainen	ESSAC Delegate Finland
Anne Le Friant	ESSAC Alternate France
Markus Kienast	ESSAC Alternate Canada
Lucas Lourens	ESSAC Delegate Netherlands
Kenneth Mertens	ESSAC Alternate Belgium
Xavier Monteys	ESSAC Delegate Ireland
Werner Piller	ESSAC Delegate Austria
Luis Pinheiro	ESSAC Alternate Portugal
Marit-Solveig Seidenkrantz	ESSAC Delegate Denmark
Ian Snowball	ESSAC Delegate Sweden
Piotr Przewdziecki	ESSAC Alternate Poland
Bridget Wade	ESSAC Delegate UK
Dominique Weis (TBC)	ESSAC Delegate Canada

EMA/ESO/ Liaisons

Milena Borissova	EMA
Gilbert Camoin	EMA
Tom Janecek	NSF
Patricia Maruéjol	EMA
Ursula Röhl	ESO

Observers / Guests:

Carlota Escutia	ESSAC Vice-Chair
Nadine Hallmann	CEREGE
Silvia Spezzaferri	ESSAC Alternate Switzerland

Apologies

Georges Ceulener	ESSAC Delegate France
Rüdiger Stein	ESSAC Delegate Germany
Alan Stevenson	ESO
David Van Rooij	ESSAC Delegate Belgium
Antje Voelker	ESSAC Delegate Portugal
Szymon Uscinowicz	ESSAC Delegate Poland
Nicolas Waldmann	ESSAC Delegate Israel

LIST OF ACRONYMS

ACEX	Arctic Coring Expedition (Expedition 302)
AF	Academy of Finland
BCR	Bremen Core Repository
BGS	British Geological Survey (UK)
BoG	IODP-MI Board of Governors
CDEX	Center for Deep Earth EXploration (Japan)
CoNISMa	Consorzio Nazionale Interuniversitario per le Scienze del Mare (Italy)
CDP	Complex Drilling Project
CNR	Consiglio Nazionale delle Ricerche (Italy)
CNRS	Centre National de la Recherche Scientifique (France)
DASTI	Danish Agency for Science, Technology and Innovation
DFG	Deutsche ForschungsGemeinschaft (German Research Foundation)
DSDP	Deep Sea Drilling Project
ECORD FB	ECORD Facility Board
EC	European Commission
ECORD	European Consortium for Ocean Research Drilling
EDP	Engineering Development Panel
EPC	European Petrophysics Consortium
EMA	ECORD Managing Agency
ERA-Net	European Research Area Network
ESF	European Science Foundation
EPSP	Environmental Protection & Safety Panel
ESO	ECORD Science Operator
ESSAC	ECORD Science Support and Advisory Committee
FB	Facility Boards
FWO-Vlaanderen	Fund for Scientific Research-Flanders (Belgium)
FWF	Austrian Science Fund
GRICES	Gabineta de Relacoes Internacionais da Ciencias e do Ensino Superior (Portugal)
GSI	The Geological Survey of Ireland
ICDP	International Continental Scientific Drilling Project
ILP	Industry Liaison Panel (ECORD)
INGV	Istituto Nazionale di Geofisica e Vulcanologia (Italy)
INSU	Institut National des Sciences de l'Univers (France)
IOs	Implementing Organisations
IODP	International Ocean Discovery Program
IODP-MI	IODP Management International, Inc.
ISP	Initial Science Plan for the IODP
JAMSTEC	Japan Marine Science & TEchnology Center
J-DESC	Japanese Earth Drilling Science Consortium
JEODI	Joint European Ocean Drilling Initiative
JOI	Joint Oceanographic Institutions
JR	JOIDES Resolution

JRFB	JOIES Resolution Facility Board
LDEO	Lamont Doherty Earth Observatory
MEXT	Ministry of Education, Culture, Sports, Science & Technology (Japan)
MoU	Memorandum of Understanding
MOST	People's Republic of China Ministry Of Science and Technology
MSP	Mission-specific platform
NanTroSEIZE	Nankai Trough SEIsmogenic Zone Experiment
NERC	Natural Environment Research Council (UK)
NSF	National Science Foundation (USA)
NWO	Netherlands Organisation for Scientific Research
OD21	Ocean Drilling in the 21st Century (Japan)
ODP	Ocean Drilling Program
OEAW	Austrian Academy of Sciences
OGS	Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (Italy)
OTF	Operations Task Force
PEP	Proposal Evaluation Panel
RANNIS	The Icelandic Centre for Research
SAS	Science Advisory Structure
SASEC	Science Advisory Structure Executive Committee
SciMP	Scientific Measurements Panel
SCP	Site Characterization Panel
SEP	Science Evaluation Panel
SIPCOM	Science Implementation and Policy Committee
SNSF	Swiss National Science Foundation
SODV	Scientific Ocean Drilling Vessel
TAMU	Texas A & M University
ToR	Terms of Reference
USSAC	United States Science Advisory Committee
USSSP	United States Science Support Program
SVR	Swedish Research Council

See also <http://www.iodp.org/acronyms>

ESSAC subcommittee procedures

ESSAC has been structured in three subcommittees (Staffing and Nominations, Education and Outreach, and ad-hoc working group) to increase the efficiency of ESSAC and the involvement of the ESSAC Delegates in ESSAC activities and responsibilities. Subcommittee general tasks and composition are summarized below.

The subcommittees meet electronically to prepare the meetings on general issues and to work on specific issues at the request of the ESSAC Chair. Each subcommittee is coordinated by an ESSAC Delegate, nominated by the ESSAC Chair. The coordinator is in charge of writing a report for the Agenda book and for presenting the activities of the subcommittee at the meetings. A general discussion follows that presentation.

Staffing and Nominations subcommittee

Members: Lucas Lourens (Coordinator, NL), Gretchen Früh-Green (ESSAC Chair, CH), Dominique Weis (CDN, interim vice-chair), Georges Ceuleneer (F), Bridget Wade (UK), Ruediger Stein (D), Aarno Kotilainen (FIN), Antje Voelker (P).

General tasks:

- Provide nominations of ECORD representatives (delegates and alternates) on science advisory panels, facility boards and other planning groups.
- Co-ordinate applications, review all the applications and suggest nominations of shipboard participants.
- Review quotas of shipboard scientists between participating countries.
- Provide co-chief nominations for IODP Expeditions.

Immediate actions:

- Summarize the current ECORD composition of the Advisory Panels, identify future replacements (expertise), and suggest permanent alternates.
- Summarize the current composition of ESSAC delegates, identify future replacements (Delegates and alternates), and make recommendations.
- Summarize the quota balance of ECORD participation to IODP Expeditions.

Education and Outreach subcommittee

Members: Xavier Monteys (Coordinator, IRE), Gretchen Früh-Green (ESSAC Chair, CH), Nicolas Waldmann (IS), Julia Gutiérrez-Pastor (ESSAC Science Coordinator, CH), Bryndis Brandsdottir (ICE), Andrea Argnani (I), Helga F. Kleiven (N), Werner Piller (A), Marit-Solveig Seidenkrantz (DK), Ian Snowball (S), David Vaan Rooij (B), Szymon Uscinowicz (POL).

General tasks:

- Develop educational opportunities/programs: Teacher's workshops, Summer Schools etc., especially in non-traditional audiences.
- Review Summer School proposals.
- Review applications and suggest nominations for ECORD scholarships.
- Initiate applications of speakers for the Distinguished Lecturer Series and suggest nominations.
- Provide new ideas regarding new ways to raise funds for E&O activities.
- Advise on public outreach (societal relevance of the IODP science).

Immediate actions:

- Make recommendations for deadlines for submission of Summer School proposals and for applications for ECORD scholarships.
- Make suggestions of new ideas regarding E&O activities (societal relevance of the IODP science), especially in non-traditional audiences.
- Make suggestions regarding new ways to raise funds for E&O activities.
- Monitor ECORD database (e.g. ECORD publications).

AD-HOC Working Group on relevant themes

1. Introduction

Letter from the ESSAC Chair

Dear ESSAC Delegates, ESSAC alternates, ECORD Council members, and attendees of the ESSAC and ECORD Meetings in Zurich,

The ESSAC office is pleased to welcome you to Zurich for the 3rd ESSAC Meeting as well as the 2nd Joint ECORD Council-ESSAC Meeting. The first year of the International Ocean Discovery Program “Exploring the Earth under the Sea” is coming to an end, and we are continuing our efforts with education and outreach activities and staffing of expedition participants and panel members.

The *JOIDES Resolution* Expeditions in 2014 started off with IODP Expedition 349 South China Sea (a Complementary Project Proposal: CPP), with three ECORD scientists on board. A total of 20 ECORD scientists (including 1 co-chief scientist) participated on the three Izu Bonin Mariana (IBM) Expeditions: 350 IBM Rear Arc, 351 IBM Arc Origins, and 352 IBM Forearc, which aim to investigate the genesis and evolution of continental crust in the Izu-Bonin-Mariana convergent margin. For future IODP Expeditions in 2015, IODP has completed the selection process for ECORD scientists to participate in the *JR* Indian Monsoon Rainfall Expedition 353 and the Bengal Fan Expedition 354. These expeditions will include three ECORD co-chiefs. Special calls were issued for biostratigraphers for Exp. 353 and for specialists in planktonic foraminifera biostratigraphy and paleomagnetism for Exp. 354. We have also completed the application process for the Arabian Sea Expedition 355 (CPP; with 4-5 ECORD scientists) and the Indonesian Throughflow Expedition 356, and staffing is underway. We are pleased to see that many students and early career scientists have the opportunity to participate in *JR* expeditions and make up more than 50% of the ECORD participants in 2014 and 2015. A compilation of past and current staffing is given in *ESSAC-Annex 1*, and the country distribution and current quotas can be found in *ESSAC-Annex 2*.

The *JR* Facility Board also selected four expeditions for 2016 and one for 2017. We have issued calls for applications for three of these expeditions: Exp. 359 Maldives Monsoon; Exp. 360 Indian Ridge Moho; and Exp. 361 Southern African Climates. The deadline to apply for these expeditions is 1 October 2014, and staffing is expected to start early 2015. It is important to note that the *JOIDES Resolution* expeditions in 2015 and 2016 are contingent upon availability of funds. More information about the scientific objectives and dates of all expeditions can be found on the IODP website at <http://www.iodp.org/expeditions/>. The ESSAC Office is pleased to announce that we have revised the application procedure to participate on the expeditions, which we hope will make the application and evaluation process easier for the participants and the ESSAC delegates.

As reported previously, the IODP Advisory Panels have been greatly simplified. The Science Advisory Panel (SEP) reports to the *JOIDES Resolution* Facility Board (JRFB) and is responsible for evaluation of all IODP proposals. SEP currently consists of a subgroup of scientists who evaluate the proposals at all stages in terms of scientific excellence. A second subgroup reviews the site survey data packages and verifies

completeness and adequacy of the site survey data submitted by proponents to the IODP Site Survey Data Bank. ECORD has 9 members (including Dick Kroon as SEP Chair) in the science subgroup and 5 members in the site survey subgroup. The responsibility of the Environmental Protection and Safety Panel (EPSP) is to review all prospective drilling by the IODP drilling platform operators and to advise on safety requirements and appropriate technology needed to meet these requirements. ESSAC has recently selected Serge Berné (F) as a new member on SEP (site survey subgroup) and Dave Long (UK) for EPSP to replace members rotating off these panels. We have also issued a call for new SEP panel members to replace three members of the science evaluation subgroup who have rotated off the panel and the deadline to apply is 6 October 2014.

The ESSAC Office plans to issue two new calls after the joint ECORD Council-ESSAC meetings in October: one for two new members to the ECORD Facility Board to replace members from ECORD and the US rotating off the board at the end of 2015; and a call for the ESSAC Chair, who will serve as vice-chair in 2015, take over the ESSAC Office at the beginning of 2016 and serve for two years. Drafts of these calls will be presented for discussion and approval at the meetings in Zurich.

The ECORD/ICDP MagellanPlus Workshop Series Programme continues to be a success and is designed to support ECORD member scientists in developing new and innovative science proposals for submission to IODP and ICDP. There were six MagellanPlus workshops covering a variety of themes that have taken place in 2014 and currently three workshops are planned for 2015 (<http://www.ecord.org/magellanplus.html>).

We have started a new phase of the ECORD Distinguished Lecturer Programme (DLP) and offer five new lectures:

(<http://www.essac.ecord.org/index.php?mod=education&page=dlp>; see also *ESSAC-Annex 3*) that cover the major themes defined in the IODP Science Plan. ESSAC would like to thank the three past ECORD Distinguished Lecturers, Claude Hillaire-Marcel, Benoît Ildefonse and Roger Urgeles, who gave a total of 25 lectures in 14 ECORD countries in 2013 and 2014.

Once again young scientists had the opportunity to participate in two ECORD Summer Schools related to marine science research and ocean drilling in 2014:

- The ECORD-Urbino Summer School in Paleoclimatology (USSP) on Past Global Change Reconstruction and Modelling Techniques. University of Urbino, Italy, 9 to 24 July 2014
- ECORD Bremen Summer School – Subseafloor Biosphere: Current Advances and Future Challenges. MARUM, University of Bremen, Germany, September 22 to October 3, 2014.

As in past years, ESSAC provided ECORD Scholarships to young scientists to attend one of these summer schools. ESSAC received 57 scholarship applications for the USSP and 13 applications for the Bremen summer school. At the last meeting in Iceland, the ESSAC Education and Outreach Subcommittee chose to award 14 scholarships to attend the USSP and 4 scholarships to attend the ECORD Bremen Summer School (see *ESSAC-Annex 4* for a list of awardees). Furthermore, the ESSAC

Office received four applications to host new ECORD-sponsored summer schools in 2015. These were distributed to the ESSAC delegates and were discussed at the ESSAC meeting in Iceland. The subcommittee also evaluated ten applications from seven ECORD countries for the ECORD Research Grants to support outstanding young scientists in IODP-related research. Three PhD students and two Postdoctoral researchers were chosen to receive awards (See *ESSAC-Annex 5*).

As part of the Teachers at Sea programme, an initiative of the Consortium for Ocean Leadership, ESSAC offered the unique opportunity for teachers and educators of ECORD countries to sail on one of the three Izu Bonin IODP Expeditions. Two ECORD teachers were selected. Lesley Allen (UK) sailed on IODP Exp. 350 (Rear Arc). Markus Fingerle (Germany) had to post-pone his participation and will sail on Exp. 353 (Indian Monsoon Rainfall). We are looking forward to hearing about their experiences.

Further ESSAC-related activities included the EGU 2014 General Assembly Meeting (28 April – 2 May 2014), where we held a special session “EuroForum 2014: “Major achievements and future perspectives in scientific ocean and continental drilling”. We were pleased to host an Arne Richter Award for Outstanding Young Scientists Lecture given by Peter Bijl, which was highly attended. As has now become tradition at the EGU Meeting, more information about the new program and possibilities to get involved was available at the IODP-ECORD-ICDP Scientific Drilling booth in the exhibit hall and at the IODP-ICDP Town Hall Meeting. For the EGU 2015 General Assembly Meeting (12-17 April 2015), we are organising a session entitled “Achievements and perspectives in scientific ocean and continental drilling” (co-organized SSP3.3/BG10/CL5/GMPV), which will be part of a new Programme Subgroup SSP3.3 – Ocean and continental drilling (See *ESSAC-Annex 6*). More information about past and future IODP- and ECORD-related activities and upcoming meetings can be found in the ECORD Newsletter #22, which was published on time in April and thanks to the tremendous efforts of Patricia Maruéjol.

In summary, ESSAC remains active in science support and outreach activities and in shaping the future of ocean research. We are pleased to take part in this new phase of scientific ocean drilling and look forward to seeing exciting workshops, new science proposals and active participation by the science community. The ESSAC Office greatly appreciates the active involvement of the ESSAC Delegates in the numerous ranking and selection processes related to expeditions, panel membership, and education and outreach activities. Thank you all for your efforts and support with these tasks!

We look forward to hosting you in Zurich and wish everyone a successful and pleasant meeting,

Gretchen Früh-Green, ESSAC Chair
Julia Gutiérrez-Pastor, ESSAC Science Coordinator

1.1 Call to order, introductions

G. Früh-Green will pass on the introductions.

1.2 Welcome and meeting logistics

G. Früh-Green will provide information about the meeting logistics.

1.3 Discussion and approval of the (1) agenda and (2) minutes from the Keflavick 2ND ESSAC meeting

G. Früh-Green will summarize the current agenda and minutes and remark potential goals of the meeting and/or changes of the agenda.

http://www.essac.ecord.org/meetings/Minutes_2_FINAL.pdf

1.4 Review of the Keflavick ESSAC meeting action items

G. Früh-Green will present items since the last ESSAC meeting. The list below contains the actions items, which arose at the 2ND ESSAC meeting in Keflavick. Action items that have been accomplished by the ESSAC Office are labelled as “Done”. Action items not yet fulfilled are labelled “in progress” or “pending”. The complete list of consensus, motions and actions from the 1st meeting are listed in *ESSAC-Annex 7*.

> **ESSAC Action Item 1405-01:** The ESSAC chair shall discuss with Gilbert Camoin possibilities for the ESSAC chair or liaison to act as an official voting alternate on the JR Facility Board (JRFB) in the case that the official EMA representative cannot attend the JRFB meetings and ECORD would be without a vote in the final decisions. ***Done***

> **ESSAC Action Item 1405-02:** The ESSAC office shall contact EMA to enquire about the possibility to carry over the unused portion of the ECORD Grant budget for other purposes. ***Done***

> **ESSAC Action Item 1405-03:** The ESSAC office shall communicate the outcome of scholarships and grants to applicants. ***Done***

> **ESSAC Action Item 1405-04:** The ESSAC E&O Subcommittee shall reformulate the Call to apply for ECORD Scholarships to clarify what is meant by the acceptance of applications from non-ECORD members “under exceptional circumstances”. The discussion will be by email. ***In progress***

> **ESSAC Action Item 1405-05:** The ESSAC office shall include the stage of early career of each scholarship applicant when compiling the Excel file to rank. ***To do, in due time***

> **ESSAC Action Item 1405-06:** The ESSAC office shall make an internal Scholarship database for ESSAC to compile all the names of students that have applied, participated in and have been awarded scholarships in previous years up to the present (2007-present). This will facilitate the selection for future Scholarship applications. *In progress*

> **ESSAC Action Item 1405-07:** The ESSAC E&O subcommittee shall establish criteria to rank the ECORD Scholarship and Grant applications and will present a clear proposal of selection with standardised guidelines after the Breakout session. *To do, before next spring ranking*

> **ESSAC Action Item 1405-08:** The ESSAC office will attempt to add an option in the “apply to sail” webform for applicants to select both full and shorebased modes. *Done*

> **ESSAC Action Item 1405-09:** The ESSAC Office shall inform all DLP applicants of the status of their applications. *Done*

> **ESSAC Action Item 1405-10:** The ESSAC Office will issue a Call for institutions to host ECORD Distinguished Lecturers in 2014 and 2015. *Done*

> **ESSAC Action Item 1405-11:** The ESSAC Office will inform the lectures of their budget and responsibilities. In some cases, the ESSAC Office shall request revised lecture titles that more clearly reflect the link to ocean drilling. The ESSAC Office will provide guidelines for the lectures and introductory IODP / ECORD slides to be used as a mandatory part of the lectures. The ESSAC Office shall encourage the 2014/2015 Distinguished Lecturers to provide a short YouTube video summarising their presentation and to advertise the lectures on the ESSAC website. *Done*

> **ESSAC Action Item 1405-12:** The ESSAC office shall provide a draft version of the Call for Applications for future ECORD Distinguished Lecturers (post 2015), which will include the request to provide an abstract and a 3-5 minute YouTube video of the content of the planned lecture candidates as part of the application package. These videos should be made available to advertise the lectures on the ESSAC website. *To do, in due time*

> **ESSAC Action Item 1405-13:** The ESSAC office shall issue a general call to replace members of SEP rotating off the panel after the June 2014 SEP meeting (2 F, 1 CH) after the SEP chairs have indicated the needed expertise and subpanel distributions. *Done*

> **ESSAC Action Item 1405-14:** The ESSAC office will compile an official list of alternates for the IODP Advisory Panels and shall ask past members and those rotating off the advisory panels to be official alternates to SEP and EPSP. *In progress*

> **ESSAC Action Item 1405-15:** The ESSAC Office is to inform the applicants for past Advisory Panel calls of the status of their applications. *In progress*

> **ESSAC Action Item 1405-16:** The ESSAC office shall revise the wording of the general Calls to sail to (1) highlight the general expertise that may be required for the expedition and to (2) indicate that the candidate is required to send a copy of the application packages to the National Offices or national delegates. *Done*

> **ESSAC Action Item 1405-17:** The ESSAC office shall revise the wording of the special Calls to Sail that have short deadlines and which request specific expertise. To avoid confusion, these calls shall be named “Special Calls”, not emergency calls or urgent calls. The term “Urgent Call” shall refer to specific cases where a new member of the science party is required at very short notice, close to the sailing date. *In progress*

> **ESSAC Action Item 1405-18:** The ESSAC office shall try to reduce the size of email attachments of all calls, so that one is more likely to open them (such as when using a smart phone). *Done*

> **ESSAC Action Item 1405-19:** When issuing Calls to sail, the ESSAC office shall provide a short accompanying email text that is more informative and includes links to websites where more information is available. *In progress*

> **ESSAC Action Item 1405-20:** The ESSAC office shall send the outcome of expedition rankings and nominations to all delegates, after discussion and decision by the subcommittee members. *Done*

> **ESSAC Action Item 1405-21:** The ESSAC office shall prepare a letter to be sent to all ECORD scientists invited to sail on an expedition to remind them of their obligations, such as: (1) to report all publication resulting from the expedition to the ESSAC Office and to their national delegate/office; and (2) present their results at international meetings, such as EGU. *To do*

> **ESSAC Action Item 1405-22:** ESSAC will not rank applications related to Special Calls; however, the ESSAC Office shall distribute the applications to the ESSAC delegates for comments prior to sending them to IODP. *Done*

- > **ESSAC Action Item 1405-23:** The ESSAC Office will distribute initial lists of invitations to the N & S subcommittee for comments prior to informing the IODP Expedition Project Manager and Supervisor of Science Support (currently Adam Klaus). *In progress, to discuss at ESSAC meeting #3*
- > **ESSAC Action Item 1405-24:** The ESSAC Office will distribute information to the national alternates on a regular basis. *In progress*
- > **ESSAC Action Item 1405-25:** To ensure fair consideration of student and early stage post-doc applications, the ESSAC Office will separate these from other researchers in the excel sheets provided to the ESSAC delegates for rankings. *Done*
- > **ESSAC Action Item 1405-26:** The ESSAC Office shall include comment column(s) in the ranking tables to include intended research or comments on quality of candidate (sent by national delegate/office or from N & S discussions). *Done*
- > **ESSAC Action Item 1405-27:** When discussing quotas at the ECORD Council level, the ESSAC Chair is to convey ESSAC's opinion that when looking at the quota balance at the end of a 3-5 year period, one should keep in mind that scientists move around and may undertake or finish their IODP-related research in a different country from which they applied or sailed. Thus, a country can benefit from scientists who move from one country to another. *Done*
- > **ESSAC Action Item 1405-28:** ESSAC Office shall set up a Doodle Poll to determine the dates and Location of the May 2015 ESSAC meeting. *To do*

2. ESSAC Activities and News

2.1 ESSAC offices News

G. Früh-Green will present an update about the ESSAC news and Activities.

2.2 ESSAC representatives and National Office reports

Each ESSAC delegate will give a short summary about the latest national activities regarding IODP and ECORD issues. The current ESSAC delegates and alternates are given in the table down below:

ESSAC Delegates and Alternates		
Austria	Werner E. Piller werner.piller@uni-graz.at	Michael Wagreich michael.wagreich@univie.ac.at
Belgium	David Van Rooij David.VanRooij@Ugent.be	Kenneth Mertens kenneth.mertens@ugent.be
Canada	Dominique Weis dweis@eos.ubc.ca	Markus Kienast markus.kienast@dal.ca
Denmark	Marit-Solveig Seidenkrantz mss@geo.au.dk	Paul Cornils Knutz pkn@geus.dk
Finland	Aarno Kotilainen aarno.kotilainen@gtk.fi	Outti Hyttinen Outi.hyttinen@helsinki.fi
France	Georges Ceuleneer georges.ceuleneer@get.obs-mip.fr	Anne Le Friant lefriant@ipgp.fr
Germany	Ruediger Stein Ruediger.Stein@awi.de	Jochen Erbacher j.erbacher@bgr.de
Iceland	Bryndís Brandsdóttir bryndis@raunvis.hi.is	Gudrún Helgadóttir gudrun@hafro.is
Ireland	Xavier Monteys Xavier.Monteys@gsi.ie	David Hardy david.hardy@gsi.ie
Italy	Andrea Argnani andrea.argnani@ismar.cnr.it	TBD
Israel	Nicolas Waldman nwaldmann@univ.haifa.ac.il	Sigal Abramovich sigalabr@bgumail.bgu.ac.il
The Netherlands	Lucas Lourens llourens@geo.uu.nl	Stefan Schouten schouten@nioz.nl
Norway	Helga F. Kleiven kikki@uib.no	Katrine Husum katrine.husum@npolar.no
Poland	Szymon Uscinowicz szymon.uscinowicz@pgi.gov.pl	Piotr Przewdziecki piotr.przewdziecki@pgi.gov.pl
Portugal	Antje Voelker antje.voelker@lneg.pt	Luiz F. Menezes Pinheiro Imp@geo.ua.pt

Sweden	Ian Snowball	Jorijntje Henderiks
	Ian.Snowball@geol.lu.se	jorijntje.henderiks@geo.uu.se
Switzerland (Chair)	Gretchen Früh-Green	Silvia Spezzaferri
	frueh-green@erdw.ethz.ch	silvia.spezzaferri@unifr.ch
U.K.	Bridget Wade	Anthony Morris
	B.Wade@leeds.ac.uk	A.Morris@plymouth.ac.uk

2.3 Update on status of DLP - scheduling, budget

G. Früh-Green will present an update of the Distinguished Lecturer Programme 2014/2015 (*See ESSAC-Annex 3*).

2.3.1 Discussion about terms and non-ECORD members

3. Expeditions, Nominations and Staffing

3.1 Staffing

G. Früh-Green will report on Staffing (*See ESSAC-Annexes 1 and 2*).

3.1.1 Updates on expedition staffing and applications

3.1.2 Upcoming deadlines

3.1.3 Discussion – Quotas, CPPs, in-kind contributions

3.2 Update on advisory panel members and applications

G. Früh-Green will give an update on advisory panel members and current SEP applications.

3.4 Discussion of ESSAC vice-chair 2015-2016/ future chair 2016-2018

G. Früh-Green will lead a discussion to choose the upcoming ESSAC vice-chair 2015-2016 and will present a draft call for the future ESSAC Chair 2016-2018 for discussion and modification.

3.5 Upcoming calls for expeditions & panel members

G. Früh-Green will outline the upcoming calls for expeditions and panel members.

4. Education and outreach – updates and outstanding issues

4.1 ECORD Summer Schools 2014/2015 update

J. Gutierrez-Pastor will introduce briefly the ECORD Summer Schools 2014 and will give the word to L. Lourens, to report on the Urbino Summer School 2014 and U. Röhl, to report on the Bremen Summer School 2014. U. Röhl will also give a brief overview of the ECORD Training Course. Also, J. Gutierrez-Pastor will summarize the upcoming ECORD Summer Schools 2015.

4.2 ECORD Grants and Scholarships 2014

J. Gutierrez-Pastor will give a summary of the ECORD Scholarships and Grants 2014 (See ESSAC- Annexes 4 and 5).

4.2.1 Discussion of awards to non-ECORD applicants

4.3 Teachers at Sea

J. Gutierrez-Pastor will show the current status of ECORD Teachers at Sea.

4.3.1 Status of applications

4.3.2 Discussion of compensation and difference to US applicants

4.4 Upcoming E & O calls 2015

J. Gutierrez-Pastor will present the upcoming Education and Outreach Calls.

4.5 Changes to the ECORD/ESSAC websites / application procedures

J. Gutierrez-Pastor will show the main new changes in the ESSAC website.

5. General discussion of ESSAC policies and non-ECORD member applications

G. Früh-Green will lead a general discussion of ESSAC policies and non-ECORD member applications:

5.1 Discussion of Russia as “Accessing ECORD Member” – involvement in E & O activities

5.2 Formulation of consensus for non-ECORD applications for DLPs

5.3 Formulation of consensus for non-ECORD applications for ECORD Scholarships

5.4 Formulation of consensus for non-ECORD applications for ECORD Grants

6 Proposal and discussion of ESSAC Budget 2015

G. Früh-Green will present a proposal of the ESSAC Budget 2015 to be revised if necessary and presented to the ECORD Council for approval. See *ESSAC-Annex 8*

7. Next meetings

G. Früh-Green will review the outstanding issues for discussion during Joint ECORD/ESSAC meeting #2 and will look for candidates to host the next ESSAC meeting #4.

7.1 Any outstanding issues for discussion during Joint ECORD/ESSAC meeting #2?

7.2 ESSAC #4, May, 2015

8. Any other business

G. Früh-Green will ask and summarize if there is any other business. The consensus, motions and action items will be reviewed and approved by email following the meeting.

ESSAC-Annex 1

CURRENT STAFFING OF ECORD SCIENTISTS ON JR EXPEDITIONS 2014/2015

Expedition 349: South China Sea (CPP)

Co-chief Scientists: [Chun-Feng Li](#) & [Jian Lin](#)

Senior Scientists

BRIAIS, Anne (France)

Physical Properties

Post-doctoral Researchers and Early Career Scientists

HERNÁNDEZ ALMEIDA, Iván (Switzerland)

Paleontologist (radiolarians) **Special Call**

Masters and PhD Students

BAO, Rui (Switzerland, PhD) Organic Geochemist

Expedition 350: Izu Bonin Mariana: Rear Arc (30 March-30 May, 2014)

Co-chief Scientists: [Yoshihiko Tamura](#) & [Cathy Busby](#)

Senior Scientists

VAUTRAVERS, Maryline (UK)

Micropaleontology - Planktic Foraminifers **Special Call**

Post-doctoral Researchers and Early Career Scientists

BERGER, Julien (France)

Igneous Rocks/Volcaniclastics

JUTZELER, Martin (Germany)

Sediments/Volcaniclastics

JOHN, Eleanor (UK)

Micropaleontology - Planktic Foraminifers **Special Call**

MAHONEY, Sue (UK)

Physical Properties

HAMELIN, Cedric (Norway)

Igneous Rocks/Volcaniclastics

BARKER, Abigail (Sweden)

Igneous Rocks/Volcaniclastics

BORDIGA, Manuela (Sweden)

Micropaleontology – Nannofossils **Special Call**

Masters and PhD Students

JONAS, Ann-Sophie (Germany, MSc)

Organic Geochemistry

SCHINDLBECK, Julie (Germany, PhD)

Sediments/Volcaniclastics

Teachers at Sea

ALLEN, Lesley (UK)

Expedition 351: Izu Bonin Mariana: Arc Origins (30 May-30 July, 2014)

Co-chief Scientists: [Richard Arculus](#) & [Osamu Ishizuka](#)

Senior Scientists

MORRIS, Tony (UK)

Paleomagnetist

SAVOV, Ivan (UK)

Sedimentologist

Post-doctoral Researchers and Early Career Scientists

BRANDL, Philipp (Germany)	Igneous Petrologist
KENDER, Sev (UK)	Foraminifer Micropaleontologist
VAN DER LAND, Cees (UK)	Inorganic Geochemist
MAFFIONE, Marco (Netherlands)	Paleomagnetist
SENA, Clara (Portugal)	Inorganic Geochemist, Special Call

Masters and PhD Students

MCCARTHY, Anders (Switzerland, PhD)	Igneous Petrologist
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Teachers at Sea

FINGERLE, Markus (Germany)	WITHDRAWN
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Expedition 352: Izu Bonin Mariana: Fore Arc (30 July-30 September, 2014)

Co-chief Scientists: [Julian Pearce](#) (UK) & [Mark Reagan](#)

Senior Scientists

CARVALLO, Claire (France)	Paleomagnetist
GODARD, Margarite (France)	Inorganic Geochemist
ALMEEV, Renat (Germany)	Physical Properties
KUTTEROLF, Steffen (Germany)	Sedimentologist
PRYTULAK, Julie (UK)	Petrologist
ROBERTSON, Alastair (UK)	Sedimentologist
KURZ, Walter (Austria)	Structural Geologist, Special Call

Post-doctoral Researchers and Early Career Scientists

KIRCHENBAUR, Maria (Germany, Post-doc)	Inorganic Geochemist
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Expedition 353: Indian Monsoon Rainfall (29 Nov 2014-29 January 2015)

Co-chief Scientists: [Steven Clemens](#) & [Wolfgang Kuhnt](#) (Germany)

Senior Scientists

MARTINEZ, Philippe (France)	Sedimentologist
ANAND, Pallavi (UK)	Physical Properties
ROMERO, Oscar (Germany)	Diatom Micropaleontologist

Post-doctoral Researchers and Early Career Scientists

BOLTON, Clara (France)	Nannofossil Micropaleontologist
HATHORNE, Ed (Germany)	Inorganic Geochemist
LITTLER, Kate (UK)	Sedimentologist
BARTOL, Milos (Sweden)	Nannofossil Micropaleontologist
RODRIGUEZ, Mathieu (France)	Physical Properties WITHDRAWN

Masters and PhD Students

TAYLOR, Samuel (France, PhD)	Paleomagnetist
GIARIBOLDI, Karan (Italy, PhD)	Diatom Micropaleontologist Special Call

Teachers at Sea

FINGERLE, Markus (Germany)	Invited
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Expedition 354: Bengal Fan (29 January-31 March 2015)
Co-chief Scientists: [Christian France-Lanord](#) (France) & 1 Germany TBC

Senior Scientists

GALY, Albert (France)	Organic Geochemist	
HUYGHE, Pascale (France)	Sedimentologist	
MEYNADIER, Laura (France)	Paleomagnetist, Special Call	
WEBER, Michael (Germany)	Physical Properties Specialist	
NAJMAN, Yani (UK)	Sedimentologist	
CASTELLTORT, Sebastian (Switzerland)	Sedimentologist	WITHDRAWN

Post-doctoral Researchers and Early Career Scientists

ADHIKARI, Rishi Ram (Germany, Post-doc)	Organic Geochemist	
LANTZSCH, Hendrik (Germany, Res. assist.)	Sedimentologist (replacing Castelltort)	
ANTHONISSEN, Erik (Norway, Statoil)	Foraminifer Micropaleontologist (declined)	

Masters and PhD Students

FOX, Lyndsey (UK, PhD)	Foraminifer Micropaleontologist	
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Expedition 355: Arabian Sea Monsoon (CPP) (31 March-31 May 2015)
Co-chief Scientists: [Dhananjai Pandey](#) & [Peter Clift](#)

Selection in process

355 invitations sent to:

Senior Scientists

BENDLE, James (UK)	Organic Geochemistry	
ANDO, Sergio (Italy)	Sedimentologist	

Post-doctoral Researchers and Early Career Scientists

STEINKE, Stephan (Germany, Post-doc)	Planktic Foraminifers Micropaleontologist	
HAHN, Annette (Germany, Post-doc)	Physical Properties	

Masters and PhD Students

YU, Zhaojie (France, PhD)	Inorganic Geochemistry	
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Expedition 356: Indonesian Throughflow (31 July-30 September 2015)
Co-chief Scientists: [Stephen Gallagher](#) & [Craig Fulthorpe](#)

Selection in process

356 invitations sent to:

Senior Scientists

HENDERIKS, Jorijntje (Sweden)	Nannofossil Micropaleontologist	invited
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Post-doctoral Researchers and Early Career Scientists

ANGUE MINTO'O, Charlie (France, Post-doc)	Benthic Foram Micropaleontologist	invited
GROENEVELD, Jeroen (Germany, Post-doc)	Planktonic Foram Micropaleontologist	invited

Anticipated further invitations: 2 Germany, 1 UK, 1 Netherlands, 1 Norway

Staffing Balance & Quotas – Joides Resolution Expeditions in 2014

				349 S China Sea CPP	350 IBM Rear Arc		351 IBM Arc Origins		352 IBM Forearc		Co- chiefs	Quotas / Actual stand FY 2014					
Total number of designated ECORD Berths				2		8		8		8					26		
Member	Financial Contribution (\$ US)	%	JR Berths per Exp assuming 8/Exp	Invited	Special Call	Invited	Special Call	Invited	Special Call	Invited	Special Call		Total Berths invited	Total Berths special calls	berths entitled, excl. Sp. calls	Difference	Total Sailed, incl. co- chiefs
France	5,017,000	26.87	2.15	1		1				2		1	4	0	6.99	-2.99	4
Germany	5,600,000	29.99	2.40			3		1		3			7	0	7.80	-0.80	7
UK	4,080,000	21.85	1.75				1	2	4	2			7	2	5.68	1.32	10
Sum	14,697,000	78.72	6.30	1		5	2	5		7		1	18	2	20.47	-2.47	21
Austria	100,000	0.54	0.04					1		1			0	1	0.14	-0.14	1
Belgium	25,000	0.13	0.01										0	0	0.03	-0.03	0
Canada	150,000	0.80	0.06										0	0	0.21	-0.21	0
Denmark	170,000	0.91	0.07										0	0	0.24	-0.24	0
Finland	80,000	0.43	0.03										0	0	0.11	-0.11	0
Iceland*	30,000	0.16	0.01										0	0	0.04	-0.04	0
Ireland	140,000	0.75	0.06										0	0	0.19	-0.19	0
Israel	30,000	0.16	0.01										0	0	0.04	-0.04	0
Italy	400,000	2.14	0.17										0	0	0.56	-0.56	0
Netherlands	500,000	2.68	0.21										1	0	0.70	0.30	1
Norway	1,100,000	5.89	0.47										1	0	1.53	-0.53	1
Portugal	90,000	0.48	0.04											1	0.13	-0.13	1
Poland	30,000	0.16	0.01											0	0.04	-0.04	0
Sweden	528,000	2.83	0.23										1	1	0.74	0.26	2
Switzerland	600,000	3.21	0.26										1	1	1		2
Sum	3,973,000	21.28	1.70	1	1	2	1	2	1	0	1	0	4	4	5.53	-1.53	8
TOTAL	18,670,000	100	8	2	1	7	3	7	1	7	1	1	23	6	26	-4.00	30

*ECORD member 2013-2014 only

Completed Staffing – *Joides Resolution* Expeditions 349 – 352 in 2014 and Expeditions 353 & 354 in 2015

				Exp 349 S China Sea CPP	Exp 350 IBM Rear Arc		Exp 351 IBM Arc Origins	Exp 352 IBM Forearc		Co- chiefs	Quotas / Actual stand FY 2014				Exp 353 Indian Monsoon Rainfall 2015	Exp 354 Bengal Fan 2015				
Total number of designated ECORD Berths				2	8		8	8				26			8	8				
Member	Financial Contribution (\$ US)	%	JR Berths per Exp assuming 8/Exp	Invited	Special Call	Invited	Special Call	Invited	Special Call	Invited	Special Call	Total Berths invited	Total Berths special calls	berths entitled, excl. Sp. calls	Difference	Total Sailed, incl. co- chiefs	Invited	Special Call	Invited	Special Call
France	5,017,000	26.87	2.15	1		1		2				4	0	6.99	-2.99	4	3		2	1
Germany	5,600,000	29.99	2.40			3		3				7	0	7.80	-0.80	7	2		3	
UK	4,080,000	21.85	1.75			1	2	4	2	1		7	2	5.68	1.32	10	2		2	
Sum	14,697,000	78.72	6.30	1		5	2	5	7	1		18	2	20.47	-2.47	21	7	0	7	1
Austria	100,000	0.54	0.04						1			0	1	0.14	-0.14	1				
Belgium	25,000	0.13	0.01									0	0	0.03	-0.03	0				
Canada	150,000	0.80	0.06									0	0	0.21	-0.21	0				
Denmark	170,000	0.91	0.07									0	0	0.24	-0.24	0				
Finland	80,000	0.43	0.03									0	0	0.11	-0.11	0				
Iceland*	30,000	0.16	0.01									0	0	0.04	-0.04	0				
Ireland	140,000	0.75	0.06									0	0	0.19	-0.19	0				
Israel	30,000	0.16	0.01									0	0	0.04	-0.04	0				
Italy	400,000	2.14	0.17									0	0	0.56	-0.56	0				
Netherlands	500,000	2.68	0.21					1				1	0	0.70	0.30	1			1	
Norway	1,100,000	5.89	0.47			1						1	0	1.53	-0.53	1				
Portugal	90,000	0.48	0.04					1				0	1	0.13	-0.13	1				
Poland	30,000	0.16	0.01									0	0	0.04	-0.04	0				
Sweden	528,000	2.83	0.23			1	1					1	1	0.74	0.26	2	1			
Switzerland	600,000	3.21	0.26	1	1			1				2	1	0.84	1.16	3				
Sum	3,973,000	21.28	1.70	1	1	2	1	2	1	0	1	4	4	5.53	-1.53	8	1	1	0	0
TOTAL	18,670,000	100	8	2	1	7	3	7	1	1		23	6	26	-4.00	30	8	1	7	1

*ECORD member 2013-2014 only

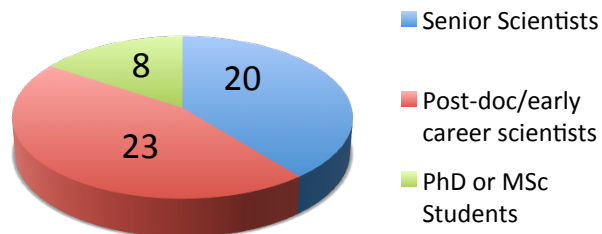
Projected Balance & Quotas – *Joides Resolution* Expeditions for FY 2015

Expected Contributions FY 2015				Exp 353 Indian Monsoon Rainfall		Exp 354 Bengal Fan		Exp 355 Arabian Sea Monsoon CPP		Exp 356 Indonesian Flowthrough		Co-chiefs	Totals / Projected stand FY 2015 (NB: expeditions not yet definitely staffed)				Projected Quotas for 8 JR Expeditions in FY 2014 & 2015 (Exps. 349 - 356)					
Total number of designated ECORD Berths				8		8		5		8					29					55		
Member	Financial Contribution (\$ US)	%	JR Berths per Exp assum. 8/Exp	Invited	Special Call	Invited	Special Call	Invited	Special Call	Invited	Special Call		Total Berths invited	Total Berths special calls	berths entitled, excl. Sp. Calls & Cc	Diff.	Total Sailed, incl. co-chiefs	Total Berths invited	Total Berths special calls	berths entitled, excl. Sp. Calls & Cc	Diff.	Total Sailed, incl. co-chiefs
France	5'017'000	26.92	2.15	3		2	1	1		1		1	7	1	7.81	-0.81	9	11	1	14.79	-3.79	13
Germany	5'600'000	30.04	2.40	2		3		2		3		2	10	0	8.71	1.29	12	17	0	16.51	0.49	19
UK	4'080'000	21.89	1.75	2		2		1		1			6	0	6.35	-0.35	6	13	2	12.03	0.97	16
Sum	14'697'000	78.85	6.31	7	0	7	1	4	0	5	0	3	23	1	22.83	0.17	27	41	3	43	-2.33	48
Austria	100'000	0.54	0.04	1				1	1			0	0	0.16	-0.16	0	0	1	0.29	-0.29	1	
Belgium	25'000	0.13	0.01									0	0	0.04	-0.04	0	0	0	0.07	-0.07	0	
Canada	150'000	0.80	0.06									0	0	0.23	-0.23	0	0	0	0.44	-0.44	0	
Denmark	170'000	0.91	0.07									0	0	0.26	-0.26	0	0	0	0.50	-0.50	0	
Finland	80'000	0.43	0.03									0	0	0.12	-0.12	0	0	0	0.24	-0.24	0	
Iceland*	No contrib.	0.00	0.00									0	0	0.00	0.00	0	0	0	0.04	-0.04	0	
Ireland	140'000	0.75	0.06									0	0	0.22	-0.22	0	0	0	0.41	-0.41	0	
Israel	30'000	0.16	0.01									0	0	0.05	-0.05	0	0	0	0.09	-0.09	0	
Italy	400'000	2.15	0.17									2	1	0.62	1.38	3	2	1	1.18	0.82	3	
Netherlands	500'000	2.68	0.21									0	0	0.78	-0.78	0	1	0	1.47	-0.47	1	
Norway	1'100'000	5.90	0.47	1				1	1			1	0	1.71	-0.71	1	2	0	3.24	-1.24	2	
Portugal	90'000	0.48	0.04									0	0	0.14	-0.14	0	0	1	0.27	-0.27	1	
Poland	30'000	0.16	0.01									0	0	0.05	-0.05	0	0	0	0.09	-0.09	0	
Sweden	528'000	2.83	0.23									2	0	0.82	1.18	2	3	1	1.56	1.44	4	
Switzerland	600'000	3.22	0.26									0	0	0.93	-0.93	0	2	1	1.77	0.23	3	
Sum	3'943'000	21.15	1.69	1	1	0	0	1	0	3	0	0	5	1	6.13	-1.13	6	10	5	11.67	-1.67	15
TOTAL	18'640'000	100	8	8	1	7	1	5	0	8	0	3	28	2	29	-0.96	33	51	8	55	-4.00	63

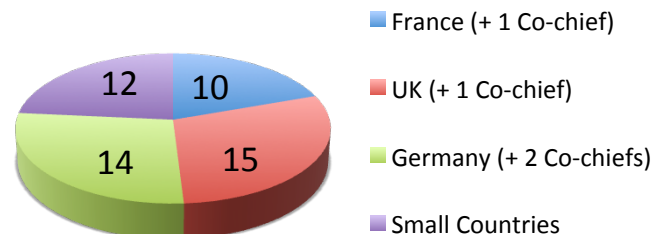
Staffing numbers in red indicate anticipated invites or invitations awaiting confirmation of acceptance

Staffing Distributions in 2014 & 2015: JR Expeditions 349 to 355*

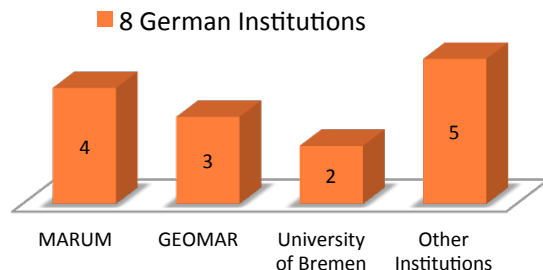
STAGE IN ACADEMIC CAREER



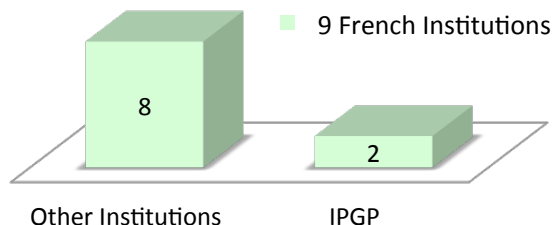
DISTRIBUTION BY COUNTRY



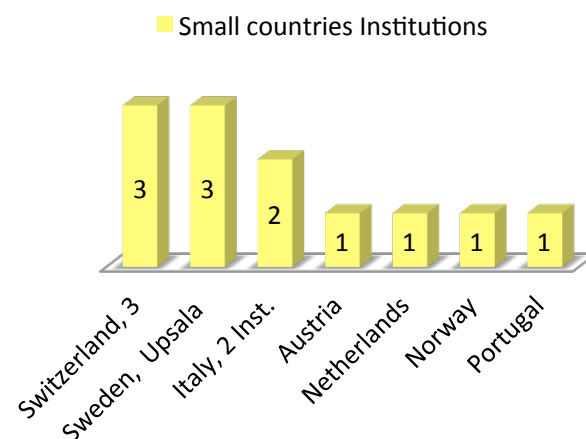
Germany: 14 Scientists



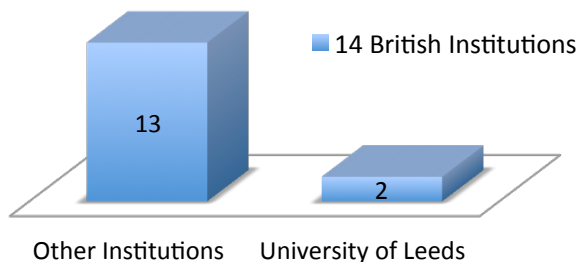
France: 10 Scientists



7 Small countries: 12 Scientists



UK: 15 Scientists



*Includes participants from special calls

ECORD invites you to Host a Lecture

The European Consortium for Ocean Research Drilling (ECORD) is sponsoring an initiative for a lecture series to be given by leading scientists involved with the International Ocean Discovery Program (IODP).

Christian France-Lanord

Centre de Recherches
Pétrographiques et Géochimiques
-CNRS, Nancy, France



Gabriele Uenzelmann-Neben

Alfred-Wegener-Institut
Helmholtz-Zentrum für Polar
- und Meeresforschung,
Bremerhaven, Germany



Jens Kallmeyer

GFZ German Research
Centre for Geosciences,
Helmholtz Centre Potsdam,
Germany



Paola Vannucchi

Earth Sciences Department,
Royal Holloway, University of
London, Surrey, UK



Antony Morris

School of Geography,
Earth and Environmental Sciences,
Plymouth University, UK



Applications to host a *Distinguished Lecturer* will be accepted from any college, university or non-profit organisation in all European countries, Israel and Canada.

CLIMATE AND OCEAN CHANGE

Himalaya: from mountains to drilling in the Bengal fan

**Reconstructing palaeo-circulation:
Reading sediment drifts with the aid
of IODP information**

BIOSPHERE FRONTIERS

**What controls abundance and activity
of microbial life in subsurface
sediments? New insights from
scientific drilling.**

EARTH IN MOTION

**Understanding megathrust earthquakes
through ocean drilling**

EARTH CONNECTIONS

**What can magnetism tell us about
oceanic tectonics? New insights from
scientific drilling.**

Apply by email to

essac.office@erdw.ethz.ch

More information at:

<http://www.essac.ecord.org>

ESSAC-Annex 4

ECORD SUMMER SCHOOL SCHOLARSHIPS: AWARDEES 2014

ECORD Summer School: BREMEN 2014

SCHOLARSHIPS: 400 Euros/Student

Name	Country	Institution
PHD STUDENTS		
Juassi, Marion	Denmark	Center for Geomicrobiology, Aarhus University
Rajala, Pauliina	Finland	VTT Technical Research Centre of Finland
Zhao, Rui	Norway	Centre for Geobiology, University of Bergen
POST-DOCTORAL RESEARCHERS		
Hilligsøe, Karen Marie	Denmark	Center for Geomicrobiology, Aarhus University

ECORD Summer School: URBINO 2014

SCHOLARSHIPS: 960 Euros/student

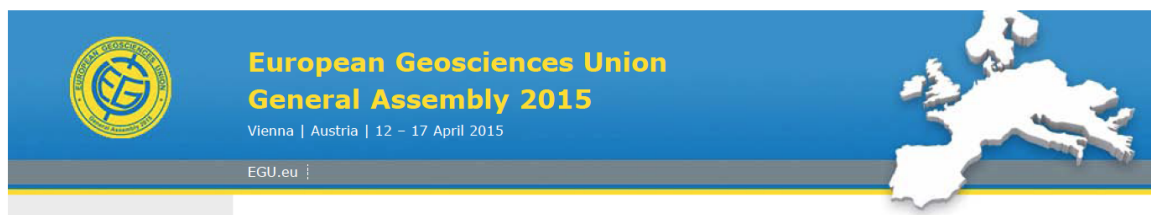
Name	Country	Institution
PHD STUDENTS		
Brombacher, Anieke	UK	National Oceanography Centre Southampton
Charidemou, Miroslav	UK	Cardiff University
Hulse, Dominik	UK	University of Bristol
Owen, Robert	UK	University of Oxford
Smith, Richard	UK	National Oceanography Centre, University of Southampton
Vickers, Madeleine	UK	Plymouth University, UK
Jonas, Ann Sophie	Germany	Institute of Geosciences, Christian-Albrechts-University Kiel
Wengler, Marc	Germany	Alfred-Wegener-Institute, Bremerhaven
Amberg, Chloé	France	Université Lille1, Lambersart
Yu, Zhaojie	France	University of Paris XI
Vansteenberghe, Stef	Belgium	Vrije Universiteit Brussel/Free University of Brussels
Oliveira, Dulce	Portugal	CIIMAR - Interdisciplinary Centre of Marine and Environ. Research
Niezgodzki, Igor	Poland	Polish Academy of Sciences, Krakow Research
MASTERS STUDENTS		
Bista, Diksha	Canada	Dalhousie University, Halifax

ESSAC-Annex 5

ECORD RESEARCH GRANTS 2014: AWARDEES

	Country	Institution	€
PHD STUDENTS			
Cameron, Adele	UK	Centre for Earth, Planetary, Space & Astronomical Research, Open University	1370
Fox, Lyndsey	UK	School of Earth and Environment, University of Leeds	2015
Garcia Gallardo, Angela	Austria	Karl-Franzens University of Graz	1200
POST-DOCTORAL RESEARCHERS			
Müller, Juliane	Germany	Alfred Wegener Institute (AWI)	2000
Sena, Clara	Portugal	CESAM, University of Aveiro	2000

ESSAC Annex 6



Achievements and perspectives in scientific ocean and continental drilling

Co-organised: SSP3.3/BG10*/CL5*/GMPV

Convener: Gretchen Fröh-Green

Co-Conveners: Anneleen Foubert, Martin Ziegler, Thomas Wiersberg

Scientific drilling through the International Ocean Discovery Program (IODP) and the International Continental Scientific Drilling Program (ICDP) continues to provide unique opportunities to investigate the workings of the interior of our planet, Earth's cycles, natural hazards and the distribution of subsurface microbial life. The past and current scientific drilling programs have brought major advances in many multidisciplinary fields of socio-economic relevance, such as climate and ecosystem evolution, palaeoceanography, the deep biosphere, deep crustal and tectonic processes, geodynamics and geohazards. This session invites contributions that present and/or review recent scientific results from deep earth sampling and monitoring through ocean and continental drilling projects. Furthermore, we encourage contributions that outline perspectives and visions for future drilling projects, in particular projects using a multi-platform approach.

LIST OF CONSENSUS, MOTIONS AND ACTIONS
2nd ESSAC MEETING
Keflavick, 26-28 may, Iceland

1. INTRODUCTION

ESSAC CONSENSUS 1405-01: ESSAC approves the agenda of the 2nd ESSAC meeting on 26-28 May, in Keflavik, Iceland.

ESSAC CONSENSUS 1405-02: ESSAC approves the minutes of the 1st ESSAC meeting on 4-6 November in Haifa, Israel.

2. IODP Platform Operator NEWS

> ESSAC Action Item 1405-01: The ESSAC chair shall discuss with Gilbert Camoin possibilities for the ESSAC chair or liaison to act as an official voting alternate on the JR Facility Board (JRFB) in the case that the official EMA representative cannot attend the JRFB meetings and ECORD would be without a vote in the final decisions.

8. EDUCATION AND OUTREACH

ESSAC Consensus 1405-03: ESSAC approves the funding of € 10,000 each for two ECORD Summer Schools in 2015: the ECORD Bremen Summer School 2015 "Ocean crust processes: magma, faults, fluxes, and life" and the ECORD-Urbino Summer School in Paleoclimatology 2015.

ESSAC CONSENSUS 1405-04: ESSAC approves 5 awards (applications with high quality) of ECORD Research Grants 2014, totalling € 8585: 2 UK, 1 Austria, 1 Germany and 1 Portugal. This will leave a total of 6415 in the 2014 ESSAC Budget.

> ESSAC Action Item 1405-02: The ESSAC office shall contact EMA to enquire about the possibility to carry over the unused portion of the ECORD Grant budget for other purposes.

ESSAC CONSENSUS 1405-05: ESSAC approves to use part of the remaining funds of ECORD Grants to fund an ECORD Summer School in 2015.

ESSAC CONSENSUS 1405-06: ESSAC shall contribute €5000 for student travel support to attend the International School of Foraminifera, Urbino in June 2015, pending approval by the ECORD Council.

ESSAC CONSENSUS 1405-07: ESSAC approves 18 awardees of ECORD Summer School Scholarships 2014: 14 awards of € 960/student for the Urbino Summer School in Paleoclimatology 2014 (6 UK, 2 France, 2 Germany, 1 Belgium, 1 Canada, 1 Poland, and 1 Portugal); and 4 awards of € 400/student for the ECORD Bremen Summer School 2014 "Subseafloor Biosphere: Current Advances and Future Challenges" (2 Denmark, 1 Finland, 1 Norway).

> ESSAC Action Item 1405-03: The ESSAC office shall communicate the outcome of scholarships and grants to applicants.

> ESSAC Action Item 1405-04: The ESSAC E&O Subcommittee shall reformulate the Call to apply for ECORD Scholarships to clarify what is meant by the acceptance of applications from non-ECORD members "under exceptional circumstances". The discussion will be by email.

> ESSAC Action Item 1405-05: The ESSAC office shall include the stage of early career of each scholarship applicant when compiling the Excel file to rank.

> ESSAC Action Item 1405-06: The ESSAC office shall make an internal Scholarship database for ESSAC to compile all the names of students that have applied, participated in and have been awarded scholarships in previous years up to the present (2007-present). This will facilitate the selection for future Scholarship applications.

> ESSAC Action Item 1405-07: The ESSAC E&O subcommittee shall establish criteria to rank the ECORD Scholarship and Grant applications and will present a clear proposal of selection with standardised guidelines after the Breakout session.

> ESSAC Action Item 1405-08: The ESSAC office will attempt to add an option in the "apply to sail" webform for applicants to select both full and shorebased modes.

8.5 DISTINGUISHED LECTURER PROGRAMME

ESSAC CONSENSUS 1405-08: ESSAC has selected the following people to be ECORD Distinguished Lecturers for the next 24 months (2014/2015): C. France-Lanord and G. Uenzelmann-Neben (Climate and Ocean Change); A. Morris (Earth Connections); J. Kallmeyer (Biosphere Frontiers); P. Vannucchi (Earth in Motion).

> ESSAC Action Item 1405-09: The ESSAC Office shall inform all DLP applicants of the status of their applications.

> ESSAC Action Item 1405-10: The ESSAC Office will issue a Call for institutions to host ECORD Distinguished Lecturers in 2014 and 2015.

> ESSAC Action Item 1405-11: The ESSAC Office will inform the lectures of their budget and responsibilities. In some cases, the ESSAC Office shall request revised lecture titles that more clearly reflect the link to ocean drilling. The ESSAC Office will provide guidelines for the lectures and introductory IODP / ECORD slides to be used as a mandatory part of the lectures. The ESSAC Office

shall encourage the 2014/2015 Distinguished Lecturers to provide a short YouTube video summarising their presentation and to advertise the lectures on the ESSAC website.

ESSAC CONSENSUS 1405-09: For future DLP calls (post 2015), the candidates will be requested to provide a short abstract of the intended lecture and a short (3-5 minute) YouTube video that summarises what the candidates plan to present in their lectures.

> ESSAC Action Item 1405-12: The ESSAC office shall provide a draft version of the Call for Applications for future ECORD Distinguished Lecturers (post 2015), which will include the request to provide an abstract and a 3-5 minute YouTube video of the content of the planned lecture candidates as part of the application package. These videos should be made available to advertise the lectures on the ESSAC website.

9. NOMINATION AND STAFFING

> ESSAC Action Item 1405-13: The ESSAC office shall issue a general call to replace members of SEP rotating off the panel after the June 2014 SEP meeting (2 F, 1 CH) after the SEP chairs have indicated the needed expertise and subpanel distributions.

> ESSAC Action Item 1405-14: The ESSAC office will compile an official list of alternates for the IODP Advisory Panels and shall ask past members and those rotating off the advisory panels to be official alternates to SEP and EPSP.

> ESSAC Action Item 1405-15: The ESSAC Office is to inform the applicants for past Advisory Panel calls of the status of their applications.

> ESSAC Action Item 1405-16: The ESSAC office shall revise the wording of the general Calls to sail to (1) highlight the general expertise that may be required for the expedition and to (2) indicate that the candidate is required to send a copy of the application packages to the National Offices or national delegates.

> ESSAC Action Item 1405-17: The ESSAC office shall revise the wording of the special Calls to Sail that have short deadlines and which request specific expertise. To avoid confusion, these calls shall be named "Special Calls", not emergency calls or urgent calls. The term "Urgent Call" shall refer to specific cases where a new member of the science party is required at very short notice, close to the sailing date.

> ESSAC Action Item 1405-18: The ESSAC office shall try to reduce the size of email attachments of all calls, so that one is more likely to open them (such as when using a smart phone).

> ESSAC Action Item 1405-19: When issuing Calls to Sail, the ESSAC office shall provide a short accompanying email text that is more informative and includes links to websites where more information is available.

ESSAC CONSENSUS 1405-10: ESSAC agrees to have the national delegates/offices provide information as to priorities of first-time applicants relative to “frequent sailors”, which may often have the required expertise and experience need for the expedition.

> ESSAC Action Item 1405-20: The ESSAC office shall send the outcome of expedition rankings and nominations to all delegates, after discussion and decision by the subcommittee members.

> ESSAC Action Item 1405-21: The ESSAC office shall prepare a letter to be sent to all ECORD scientists invited to sail on an expedition to remind them of their obligations, such as: (1) to report all publication resulting from the expedition to the ESSAC Office and to their national delegate/office; and (2) present their results at international meetings, such as EGU.

> ESSAC Action Item 1405-22: ESSAC will not rank applications related to Special Calls; however, the ESSAC Office shall distribute the applications to the ESSAC delegates for comments prior to sending them to IODP.

> ESSAC Action Item 1405-23: The ESSAC Office will distribute initial lists of invitations to the N & S subcommittee for comments prior to informing the IODP Expedition Project Manager and Supervisor of Science Support (currently Adam Klaus)

ESSAC CONSENSUS 1405-11: In an effort to increase feedback and increase participation in the ranking process, ESSAC agrees that the national delegates can decide to involve alternates in the various tasks of ranking and nomination for expeditions, grants, scholarships, etc.

> ESSAC Action Item 1405-24: The ESSAC Office will distribute information to the national alternates on a regular basis.

> ESSAC Action Item 1405-25: To ensure fair consideration of student and early stage post-doc applications, the ESSAC Office will separate these from other researchers in the excel sheets provided to the ESSAC delegates for rankings.

> ESSAC Action Item 1405-26: The ESSAC Office shall include comment column(s) in the ranking tables to include intended research or comments on quality of candidate (sent by national delegate/office or from N & S discussions).

> ESSAC Action Item 1405-27: When discussing quotas at the ECORD Council level, the ESSAC Chair is to convey ESSAC’s opinion that when looking at the quota balance at the end of a 3-5 year period, one should keep in mind that scientists move around and may undertake or finish their IODP-related research in a different country from which they applied or sailed. Thus, a country can benefit from scientists who move from one country to another.

ESSAC Consensus Item 1405-12: ESSAC agrees to have D. Weis as interim ESSAC Vice-Chair.

12. NEXT ESSAC MEETING

<p>ESSAC Consensus Item 1405-13: ESSAC agrees to hold the May 2015 ESSAC meeting in one of the following three locations: UK, Canada or Sweden. Selection of the location will be made by email and Doodle Poll.</p>

> **ESSAC Action Item 1405-28:** ESSAC Office shall set up a Doodle Poll to determine the dates and Location of the May 2015 ESSAC meeting.

ESSAC Annex 8

ESSAC Budget for FY 2015; ETH Zurich	Budget FY15 (€)	Budget FY14 (€)	Evolution 2014-2015	Budget FY13 (€)	Notes
	Jan - Dec 15	Jan - Dec 14		Oct 12 - Sep 13	
Salaries					
Science coordinator	95'000	94'000	1.06%	48'000	1
Family allowance	6'015	5'900	1.95%		2
Chair, compensation	50'000	50'000	0.00%		
Total Salaries	151'015	149'900	0.74%	48'000	
Travel and subsistence costs					
Science coordinator	6'000	6'000	0.00%	5'000	
Chair	10'000	11'000	-9.09%	11'000	
Office costs					
General office costs	11'000	11'000	0.00%	14'000	
Meetings					
ESSAC May Meeting	2'000	2'000	0.00%	2'000	
ESSAC October Meeting	2'500	2'000	25.00%	2'000	
Travel support for invited Speakers to ESSAC meetings	4'000	4'000	0.00%	3'000	3
Travel support for ESSAC Liaison to SEP meetings	5'000	6'000	-16.67%		
Conference travel support	4'000	5'000	-20.00%	3'000	4
Education & Outreach					
Support for ECORD Distinguished Lecturer Programme	18'000	18'000	0.00%	18'000	
ECORD Summer School support	20'000	20'000	0.00%	20'000	
ECORD Training Course	7'500		new item		
ECORD Summer School student support	15'000	15'000	0.00%	15'000	
ECORD Grants	15'000	15'000	0.00%	15'000	
Workshop scientist support				5'000	
Overhead				17'000	
<i>Subtotal non-salary costs</i>	<i>120'000</i>	<i>115'000</i>	<i>4.35%</i>	<i>130'000</i>	
Total ECORD Contribution in Euro	271'015	264'900	2.31%	178'000	5
Total ECORD Contribution in US \$	357'740	361'996	-1.18%	178'000	6

Notes

- Salaries set by ETH Human Resources; assumes 100 % position = 114600 CHF, 1€ = 1.21 CHF. Includes all
- Family allowance set by Swiss law: CHF 4409.00 1st child; CHF 2847.00 2nd child.
- Invited Speakers: Presentations of expedition results, proposed expeditions, workshop results, etc.
- Travel support for keynote and invited speakers at the ECORD-ICDP Special Session, EGU Vienna
- No overhead charged by the ETH.
- End \$ amount subject to exchange rate fluctuations. FY 15 based on 1€ = 1.32 US \$; FY 14 based on 1€ = 1.3665 US \$