

4 – *ECORD : state of the art  
and future directions*

*(G. Camoin)*



# *ECORD Management*

Exec ECORD Council members :

M. Webb  
G. Lüniger  
A. Kjaer

ECORD Council Chair :

M. Diament (> 12/15)



ECORD Council Vice-Chair :

M. Friberg (> 12/15)

New EFB members (2016) :

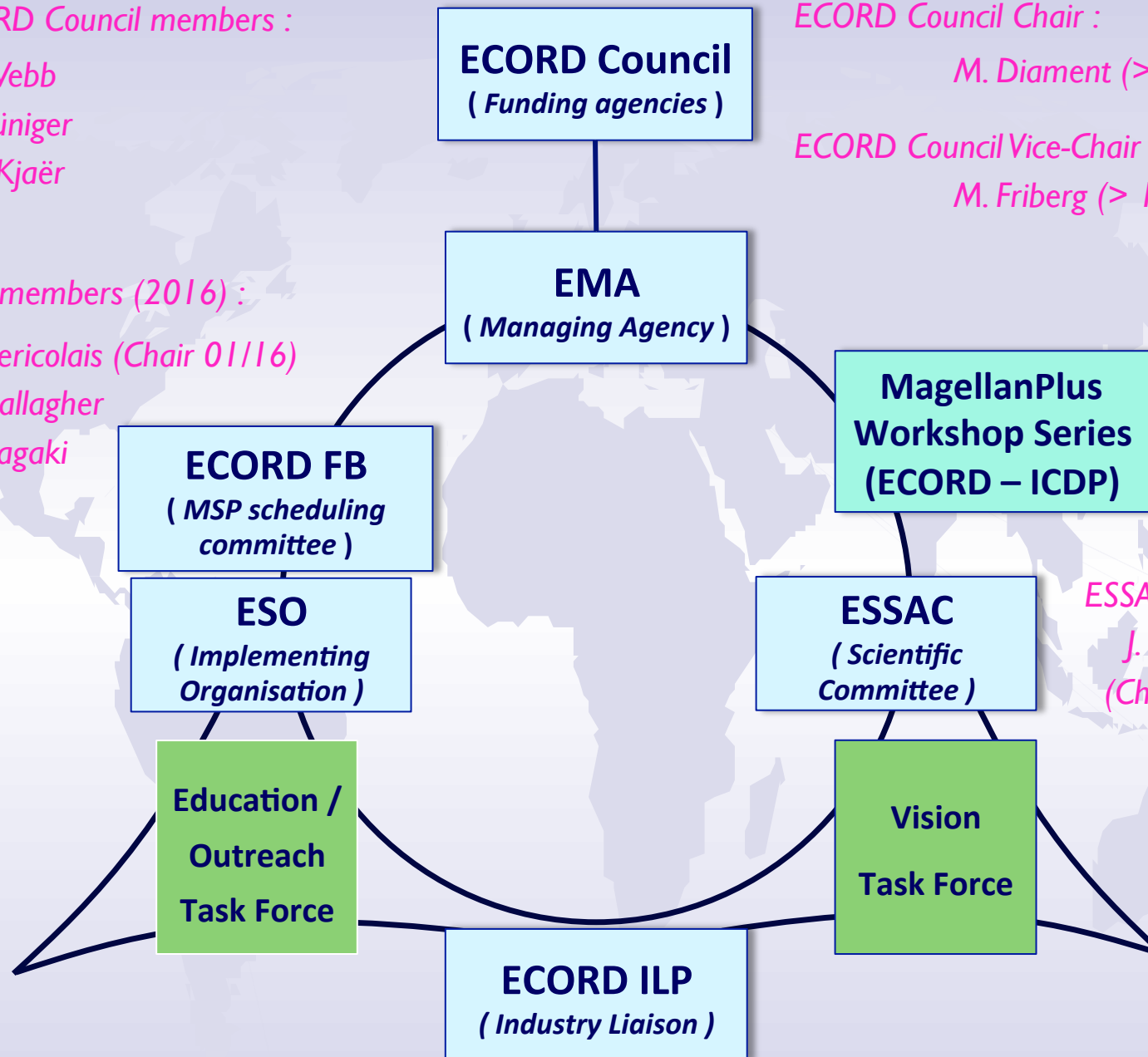
G. Lericolais (Chair 01/16)  
S. Gallagher  
F. Inagaki

MagellanPlus Chair :

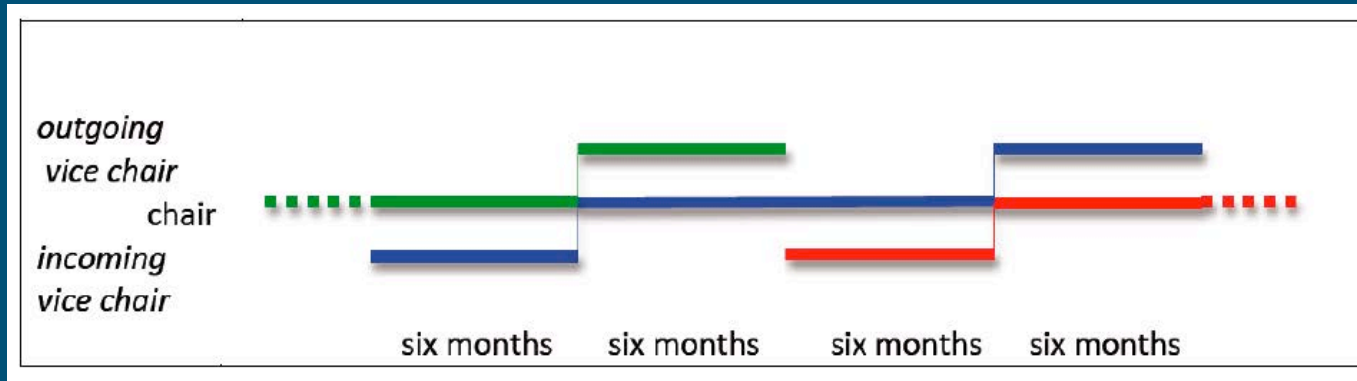
L. Lourens

ESSAC Vice-Chair :

J. Behrmann  
(Chair : 01/16)



# ECORD Council



Rotation scheme	Chair	Country	Vice Chair
Oct 12 - March 13	Mike Webb	UK	Anne De Vernal
April 13 - Dec 13	Mike Webb	UK	Guido Lüniger
Jan 14 - Jun 14	Guido Lüniger	Germany	Mike Webb
Jul 14 - Dec 14	Guido Lüniger	Germany	Michel Diament
Jan 15 - Jun 15	Michel Diament	France	Guido Lüniger
Jul 15 - Dec 15	Michel Diament	France	Magnus Friberg
Jan 16 - Jun 16	Magnus Friberg	Sweden	Michel Diament
Jul 16 - Dec 16	Magnus Friberg	Sweden	TBN



# *ECORD Membership*

# 17 ECORD members

Austria	> FY18
Belgium	> FY16
Canada	> FY15
Denmark	> FY16
Finland	> FY18
France	> FY18
Germany	> FY18
Ireland	> FY16
Israel	> FY18
Italy	> FY18
Netherlands	> FY18
Norway	> FY18
Poland	> FY18
Portugal	> FY18
Sweden	> FY16
Switzerland	> FY18
UK	> FY18

Canada



Israel





### SPAIN IS BACK IN ECORD

Spain has recently decided to join ECORD and the International Ocean Discovery Program on January 1<sup>st</sup>, 2016. Spain, which has been very active in ECORD and the Integrated Ocean Drilling Program from 2003 through 2010, will therefore become the 18<sup>th</sup> ECORD member in the new IODP.

EMA will finalize soon the signature of the ECORD MoU by the relevant Spanish Ministry. The ECORD community welcomes its Spanish colleagues in the International Ocean Discovery Program and warmly thanks Carlota Escutia for all her efforts to bring back Spain in ECORD.



*Carlota Escutia explains IODP science to Spanish students visiting the JOIDES Resolution (photo John Beck and IODP).*

Spanish annual contribution  
(2016 onwards) : 150,000 €

> 18 ECORD members  
in 2016

> cf. Agenda item # 9 (C. Escutia)



# II. Kıyı ve Deniz Jeolojisi Sempozyumu IODP-ECORD Toplantısı 15-16 EKİM 2015

İTÜ MADEN FAKÜLTESİ  
İHSAN KETİN  
KONFERANS SALONU

2nd Coastal and Marine Geology Symposium, Istanbul, Turkey

## ❖ ECORD introductory Talks

(N. Hallmann, D. McInroy, A. Stevenson, G. Camoin) :

Science, Operations, Management, European initiatives,  
Outreach

## ❖ Distinguished Lectures :

C. France-Lanord, P. Vannucchi, J. Kallmeyer

> cf. Agenda item # 9 (N. Cagatay)





# Russia

> Contacts with ROSNEDRA > cf. Agenda item # 9 (E. Petrov)

> Following contacts with J. Thiede,  
letter sent on April 12th, 2015 to :

- Academician Robert Nigmatulin
- Academician Alexander Lisitzin
- Professor Lobkovsky
- Academician Eric Galimov
- Georgi Cherkashov
- Professor Sergey Apolonov
- Professor Andrey Zhirov

# *Amphibious Drilling Proposals*

> cf. Agenda item # 28 (J. Erbacher)

*ECORD ILP situation –  
Collaboration with industry*

- > AAPG Annual Conference and Exhibition in Denver (may 2015). Industry downturn caused by current low oil price has reduced interest in non core-business. Denver attendees hit a record low in AAPG history.
- > Liaised through AAPG network with privately owned Nigerian companies (during AAPG Denver conference) to access data supporting pre-proposal on Atlantic margin (T. Wagner, Newcastle).
- > ILP meeting planned for 21-23 September was not held for lack of interest from industry reps.

***ECORD Council consensus / Action ?***

The image shows the cover of the ECORD Annual Report 2015. The background is a solid dark blue color. At the top, there are several thin, wavy lines in lighter shades of blue and teal, creating a sense of movement and depth. The title "ECORD Annual Report 2015" is centered in the middle of the page in a white, serif font.

*ECORD Annual Report 2015*

# ECORD Annual Report 2015

January 1, 2015 – December 31, 2015

## Contents

- 1. FY2015 highlights** (G. CAMOIN)
- 2. Operating and participating to Mission-Specific Platforms** (R. GATLIFF, D. McINROY et al.)
- 3. Anticipating next MSP expeditions**
  - 4.1 - ECORD-FB (K. GOHL)
  - 4.2 - MSP proposals at the Science Evaluation Panel (D. KROON)
- 4. Participating in 2015 IODP JR expeditions** (G. FRÜH-GREEN and J. GUTIERREZ-PASTOR)
- 5. Selected 2015 IODP publications from ECORD scientists in 2015** (J. GUTIERREZ-PASTOR, N. HALLMANN & P. MARUEJOL)
- 6. Archiving IODP cores: the IODP Bremen Core Repository** (U. ROEHL)
- 7. Engaging the community**
  - 7.1 - The development of future drilling proposals : the MagellanPlus Programme (L. LOURENS)
  - 7.2 - Training young scientists (G. FRÜH-GREEN and J. GUTIERREZ-PASTOR)
  - 7.3 - Sponsoring research for young scientists (G. FRÜH-GREEN and J. GUTIERREZ-PASTOR)
  - 7.4 - Promoting IODP science through ECORD DLP (G. FRÜH-GREEN and J. GUTIERREZ-PASTOR)
- 8. Collaborating**
  - 8.1 - European Commission (G. CAMOIN / N. HALLMANN)
  - 8.2 - Other science programs and initiatives (G. CAMOIN / N. HALLMANN)
  - 8.3 - Industry (A. MOSCARIELLO)
- 9. Communicating** (P. MARUEJOL, J. GUTIERREZ-PASTOR, A. STEVENSON, A. GERDES)
- 10. FY 2015 and FY2016 budgets**
  - ECORD (G. CAMOIN / N. HALLMANN)
  - EMA (G. CAMOIN / N. HALLMANN)
  - ESSAC (G. FRÜH-GREEN / J. BEHRMANN)
  - ESO (R. GATLIFF / D. McINROY)
  - Bremen Core Repository (U. ROEHL)

- ECORD Outreach (P. MARUEJOL)

### 11. ECORD entities

- ECORD Managing Agency
- ECORD Science Operator
- ECORD Council
- ECORD Executive Bureau
- ECORD Science Support and Advisory Committee
- ECORD Facility Board
- ECORD Industry Liaison Panel
- ECORD Outreach and Education Task Force
- ECORD Vision Task Force

### 12. ECORD participation on IODP panels

- SEP, EPSP, IODP Forum and other IODP Facility Boards

### List of acronyms

# Timeline

*Call for contributions : early December 2015*

*Deadline : January 15, 2016*

*Review of all sections (GC / NH) > January 31, 2016*

*Further editing (PM / AS / GC / NH) > February, 26, 2016*

*Sending of printed copies : March 15, 2016*



# *ECORD Partnership*



# ECORD partnership

✓ ECORD contributes to the annual funding of the JOIDES Resolution : US\$ 7 M



> access to the JR for ECORD scientists :

8 ECORD / JR exp

> 1 member on the JR Facility Board

✓ ECORD contributes to the annual funding of the Chikyu \*\* : US\$ 1 M minimum

\*\* Level of funding defined each year by the ECORD Council

> access to the Chikyu for ECORD scientists :

3+ ECORD / Chikyu exp

> 1 member on the Chikyu IODP Board

✓ MSP exp. : 10+ ECORD ; 13 US and ass. memb. ; 4 JPN ;

1-3 co-funded projects (cash or in-kind)



Co-Chief scientists not counted against participation levels on all IODP expeditions

# ECORD Council Spring Meeting; Stockholm, Sweden

- **ACTION (EMA/ECORD Council):** to write an official letter to the Japanese stating the concerns about the *Chikyu* situation. It should be mentioned that ECORD paid already twice but that there was no expedition and that ECORD expects a new evaluation of the number of ECORD scientists for the next expedition which is expected to take place in 2016 .

## Letter to Taira-san (June 7th, 2015)

- ✓ ECORD will suspend its membership of the Chikyu program for at least two years, 2015 and 2016
- ✓ 2014 ECORD membership fee might cover ECORD's participation to the 2016 engineering Chikyu expedition if there is a sufficient number of ECORD scientists involved in the scientific program ; if not, our 2014 membership fee would cover ECORD's participation to the next Chikyu IODP expedition which is tentatively planned in 2017

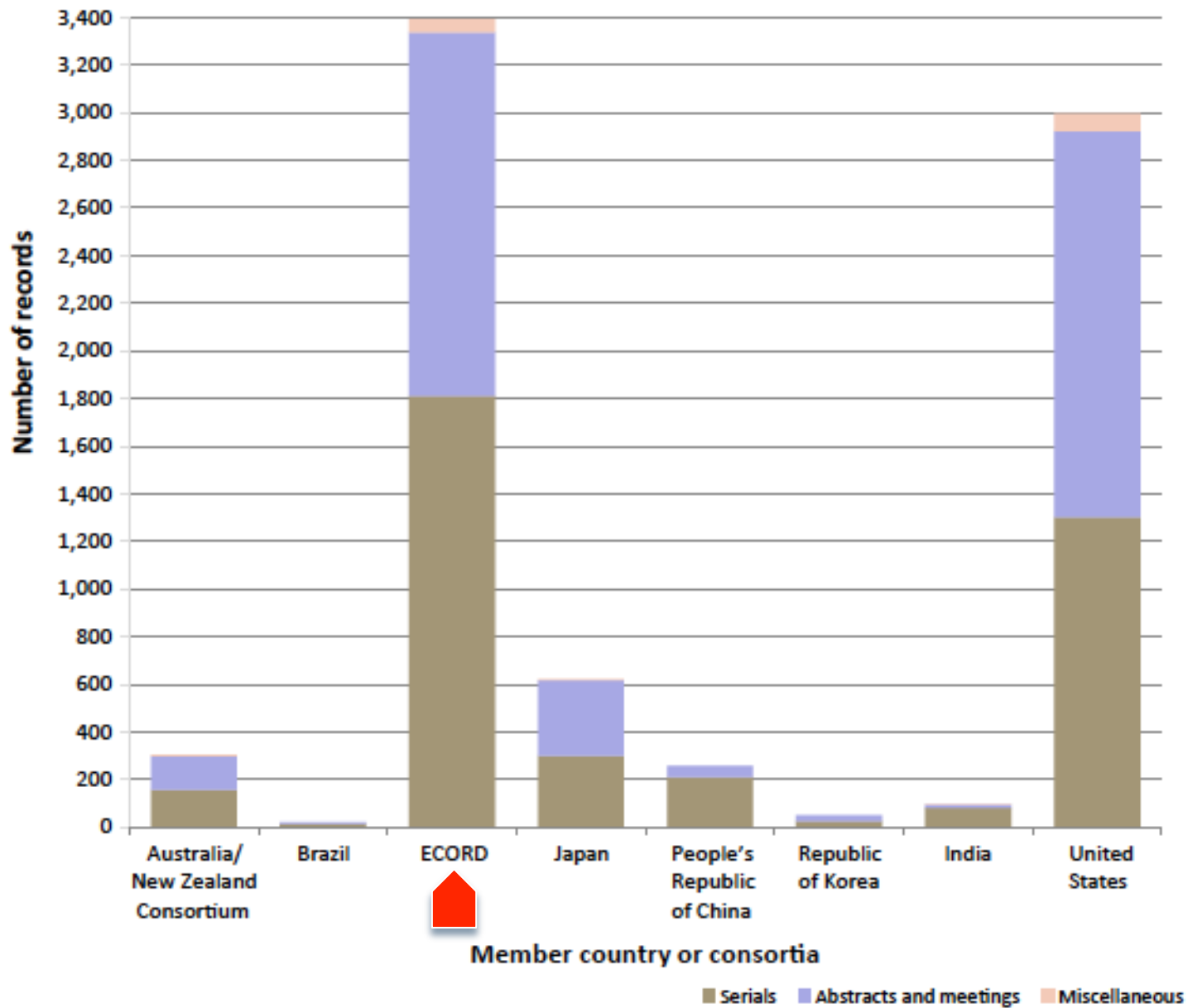
# *2015 Ocean Drilling Citation Report*

*Published Wednesday, 30 September, 2015*

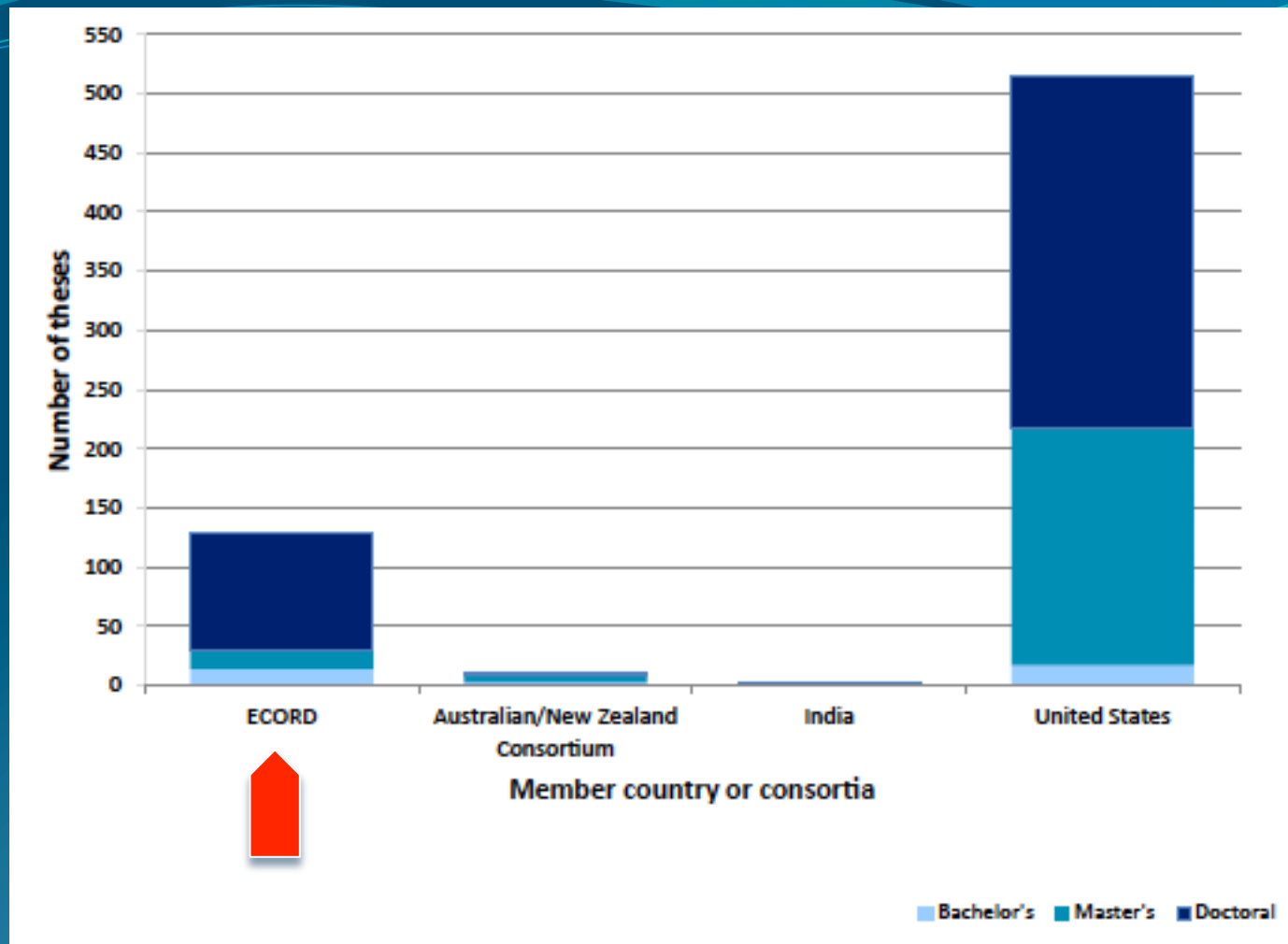
[http://iodp.tamu.edu/publications/AGI\\_studies/AGI\\_study\\_2015.pdf](http://iodp.tamu.edu/publications/AGI_studies/AGI_study_2015.pdf)

Number of DSDP-, ODP-, IODP-1,  
and IODP-2 related contributions to  
non-Program publications (1969-2014)

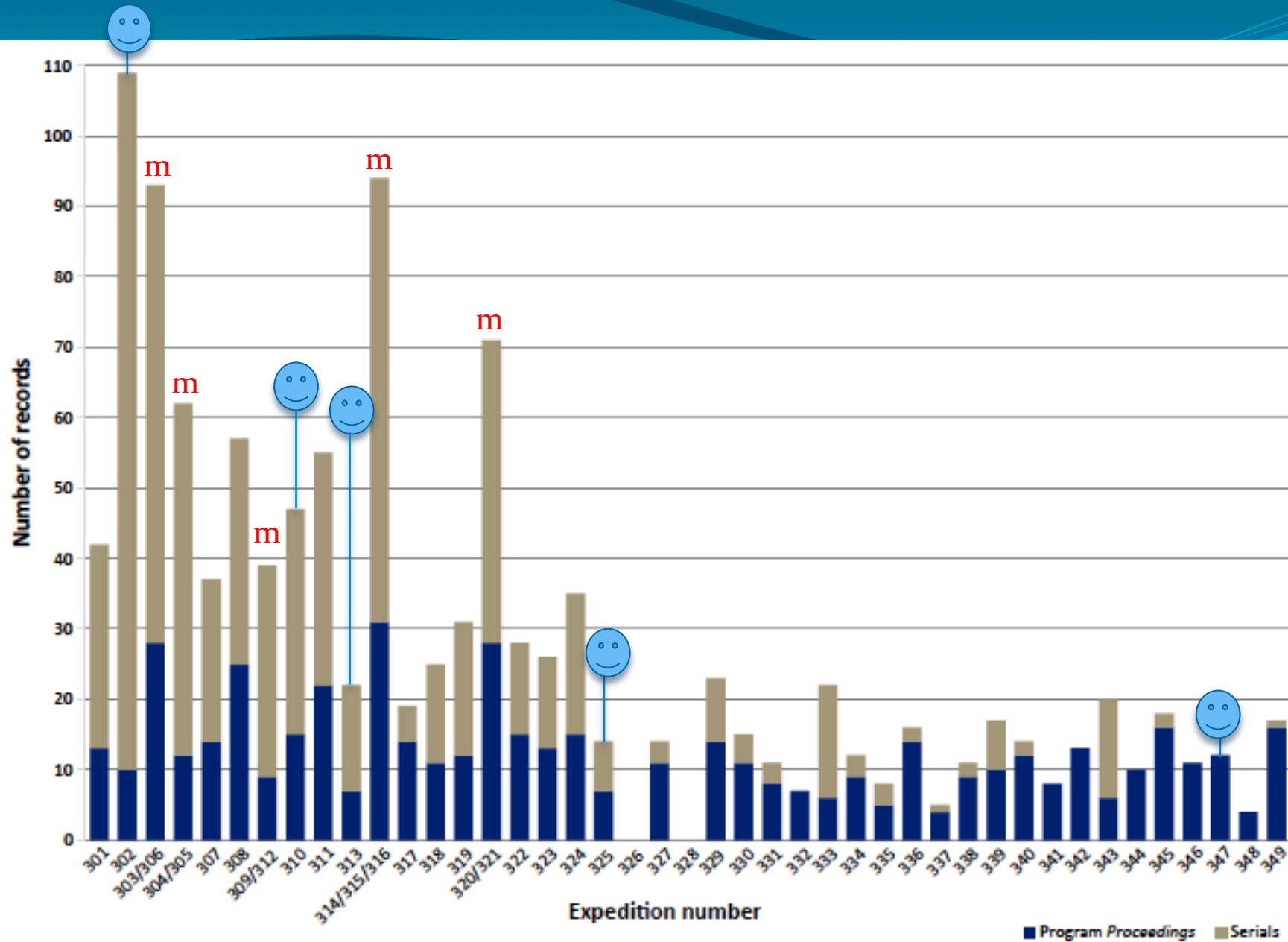
Member country or consortia	Publications contributed to	First-authored publications
Australia/New Zealand Consortium	1,051	625
Australia	723	375
New Zealand	328	250
Brazil	58	42
ECORD	11,832	7,250
Austria	65	20
Belgium	151	74
Canada	1,292	781
Denmark	197	79
Finland	39	35
France	1,804	1,096
Germany	2,802	2,072
Ireland	31	14
Israel	44	30
Italy	740	426
Netherlands	530	302
Norway	435	223
Poland	40	17
Portugal	78	26
Sweden	329	165
Switzerland	462	244
United Kingdom	2,793	1,646
India	227	188
Japan	1,544	1098
People's Republic of China	431	348
Republic of Korea	118	60
United States	10,238	9,067
Totals	25,499	18,678



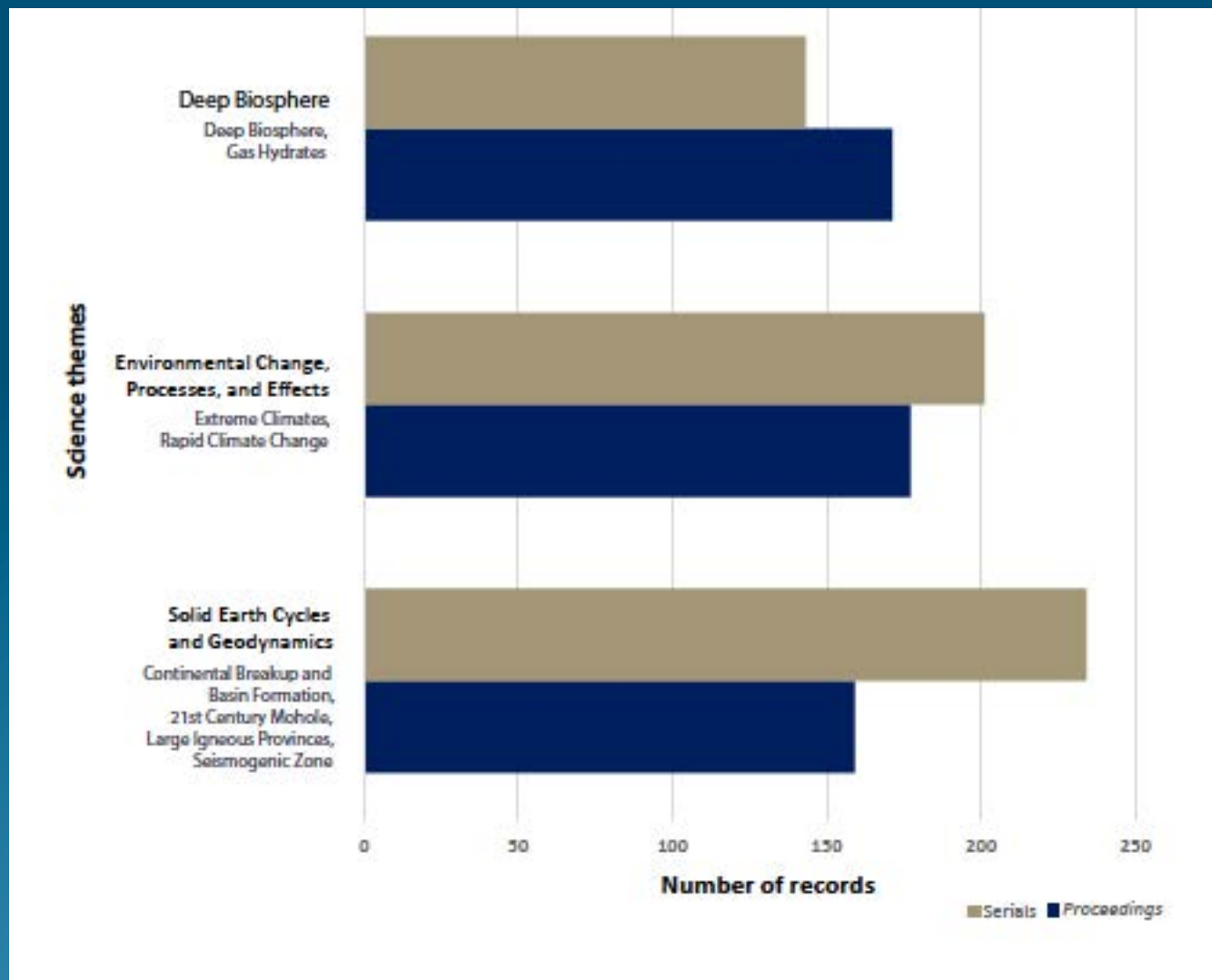
Number of DSDP-, ODP-, and IODP related non-Program publications based on first author affiliation (2003-2014)



Number of theses based on Program Science (1969-2014)



Number of IODP Proceedings and expedition-related non-Program publications



Integrated Ocean Drilling Program Proceedings and non-Program serial publications according to Science Plan themes



*Previous meetings*



✓ Outreach & Education Task Force, Nancy, France, Jan. 15



✓ DFG Senate Commission, Tübingen, Germany – Feb. 15



✓ ECORD Council Spring meeting, Stockholm, Sweden – Mar 15



✓ ECORD Exec, Aix-en-Provence, France – Mar 15



✓ ECORD - FB, Aix-en-Provence, France – Mar 15



✓ Chikyū IODP Board, Yokohama, Japan – Mar 15



✓ JR Facility Board, Arlington VA, USA – May 15



✓ ESSAC Spring meeting, Uppsala, Sweden – May 15



✓ IODP Forum, Canberra, Australia – Jul 15



✓ Outreach & Education Task Force, Potsdam, Germany - Oct. 15



✓ IODP-ECORD Day, Istanbul, Turkey - Oct 15



✓ ECORD Council / ESSAC, Naples, Italy – Oct. 15

✓ AGU, San Francisco, USA - Dec. 14

✓ EGU, Vienna, Austria - Apr. 15

*Next meetings*



✓ IODP-ECORD Day, Lisbon, Portugal - Nov. 15



✓ Outreach & Education Task Force, Bremen, Germany - Jan. 16



✓ Chikyū IODP Board, Yokohama, Japan – Mar 16



✓ JR Facility Board, Arlington VA, USA – May 16



✓ ESSAC Spring meeting, TBD – May 16



✓ ECORD Council Spring meeting, TBD – Jun 16



✓ ECORD Exec, Brussels, Belgium – Jun 16



✓ ECORD - FB, Brussels, Belgium – Jun 16



✓ IODP Forum, Rio de Janeiro, Brazil – Sept. 16



✓ Outreach & Education Task Force, Edinburgh, UK - Oct. 16



✓ ECORD Council / ESSAC, TBD - Oct. 16

✓ AGU, San Francisco – Dec. 15

✓ EGU, Vienna, Austria - Apr. 16

✓ International Geological Congress, Capetown, South Africa - Aug.-Sept. 16

# IODP Forum consensus

**Forum Consensus 15-04:** The IODP Forum recommends that all IODP Platform Providers coordinate their actions towards the development of joint activities at the occasion of the International Geological Congress which will be held on August 27th-September 4th, 2016 in Cape Town, South Africa. Activities should include the organization of an IODP-ICDP booth, an IODP-related science session, and membership drive for South Africa.

# IODP Symposium at IGC 2016



35<sup>TH</sup> INTERNATIONAL  
GEOLOGICAL CONGRESS

## IODP Symposium at IGC 2016

Dear IODP Supporters,

Contributions are encouraged for the IODP symposium entitled "**Achievements and Perspectives in Scientific Ocean Drilling**" at the 35<sup>th</sup> International Geological Congress in Cape Town, South Africa from August 27<sup>th</sup> to September 4<sup>th</sup>, 2016. This symposium appears under '**Marine Geosciences and Oceanography**' theme - <http://www.35igc.org/Themes/29/Marine-Geosciences-and-Oceanography>.

### ACHIEVEMENTS AND PERSPECTIVES IN SCIENTIFIC OCEAN DRILLING

#### Conveners:

Gilbert CAMOIN, CEREGE, Aix-en-Provence, France - [gcamoin@cerege.fr](mailto:gcamoin@cerege.fr)

James AUSTIN, UTIG, Austin, USA - [jamie@utig.ig.utexas.edu](mailto:jamie@utig.ig.utexas.edu)

Keir BECKER, RSMAS, Miami, USA - [kbecker@rsmas.miami.edu](mailto:kbecker@rsmas.miami.edu)

Yoshi TATSUMI, Kobe University, Japan - [tatsumi@diamond.kobe-u.ac.jp](mailto:tatsumi@diamond.kobe-u.ac.jp)

The International Ocean Discovery Program (IODP) provides 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 drilling projects. Furthermore, we encourage contributions that outline perspectives and visions for future drilling projects, in particular projects using a multi-platform approach.

# ECORD Council Spring meeting #2, May 2016

> *Location : TBD*

> *Date : June 1st, 2016 (cf. Doodle poll)*

> *Agenda items :*

- *ECORD, EMA and ESO renewals post FY18*
- *ECORD ILP activities – Collaboration with industry*
- *MSP proposals*

*ECORD Council consensus / Action ?*

# *Future directions*

- ✓ *Relationships with industry*
- ✓ *ERIC status*
- ✓ *New opportunities for an European infrastructure*
- ✓ *New funding sources*