

Division meeting for Biogeosciences (BG)

Giuliana Panieri

EGU2018 Vienna | 12 April 2018



Meetings | Publications | Outreach | www.egu.eu

1. Welcome
 2. GA 2018 – some numbers
 3. Information on EGU – Activities, Programs, Publications
 4. BG Structure, Activities, and Publications
 5. Early Career Scientists: Report from Pierre-Antoine Dessandier
 6. BG Blog
 7. BG Awards
 - Vladimir Ivanovich Vernadsky Medal:
Antje Boetius (Alfred Wegener Institute Helmholtz Center for Polar and Marine Research, Max Planck Institute for Marine Microbiology, MARUM University Bremen)
 - Outstanding Poster and PICO Award 2017:
Joachim Jansen
Kimberly Galvez
Raphael Weber
Sara Milner
1. Vladimir Ivanovich Vernadsky Medal 2019: submit nominations by 15 June 2018
 2. ECS Award 2019: submit nominations by 15 June 2018
 3. AOB

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EGU Structure update

Current President:
Jonathan Bamber



Incoming President:
Alberto Montanari



EGU office in Munich,
Executive Secretary:
Philippe Courtial



Media and
Communications
Manager:
Barbara Ferreira



EGU General Assembly 2018 – some numbers

As of 5 April (12:45), the Assembly 2018 provides:

- 17,323 papers in programme | -0.44% (2017)
- 4,776 orals | 11,128 posters | 1,419 PICOs | ratio 28 / 64 / 8
- 12,733 registrations in advance | +12.37% (2017)
- 666 unique scientific sessions | 68 short courses | 294 side events*
- 433 out of 666 scientific sessions are co-organized (65%)
- The 433 co-organized include 20 IE sessions with 459 presentations
- Original sessions: 1,355; 1,028 still active, 327 withdrawn
- Withdrawn: 309 scientific sessions, 7 SC, and 11 side events

*Side events include the programme groups ML, PCN, FAM, TSM, SEV, PC, PPAA

EGU General Assembly 2018 – some numbers

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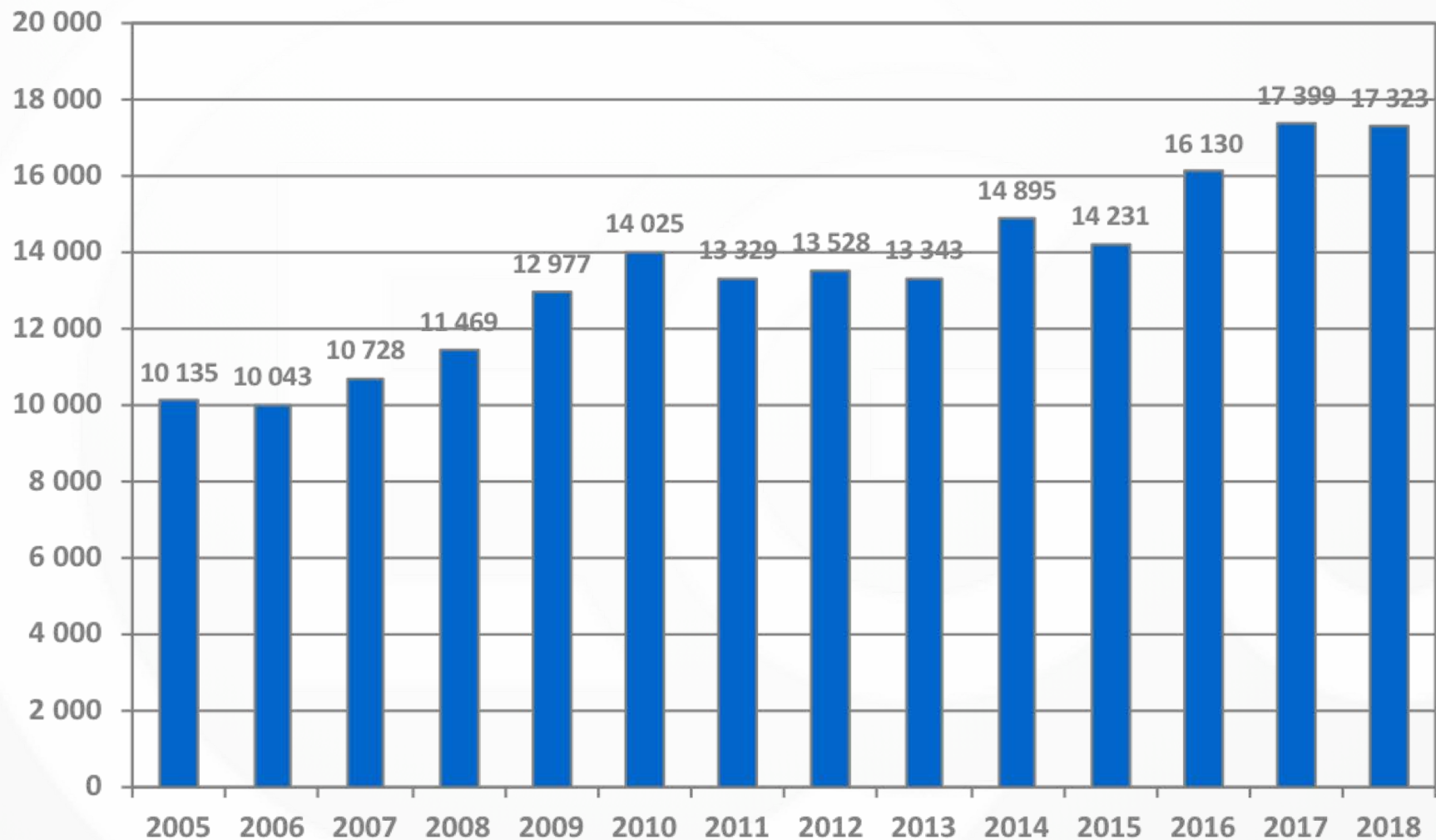
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Union Symposia (US);
 Great Debates (GDB);
 Medal Lectures (ML);
 Short courses (SC);
 Educational and Outreach Symposia (EOS);
 EGU Plenary, Ceremonies and Networking (PCN);
 Feedback and administrative meetings (FAM);
 Townhall and splinter meetings (TSM);
 Side events (SEV);
 Press conferences (PC).

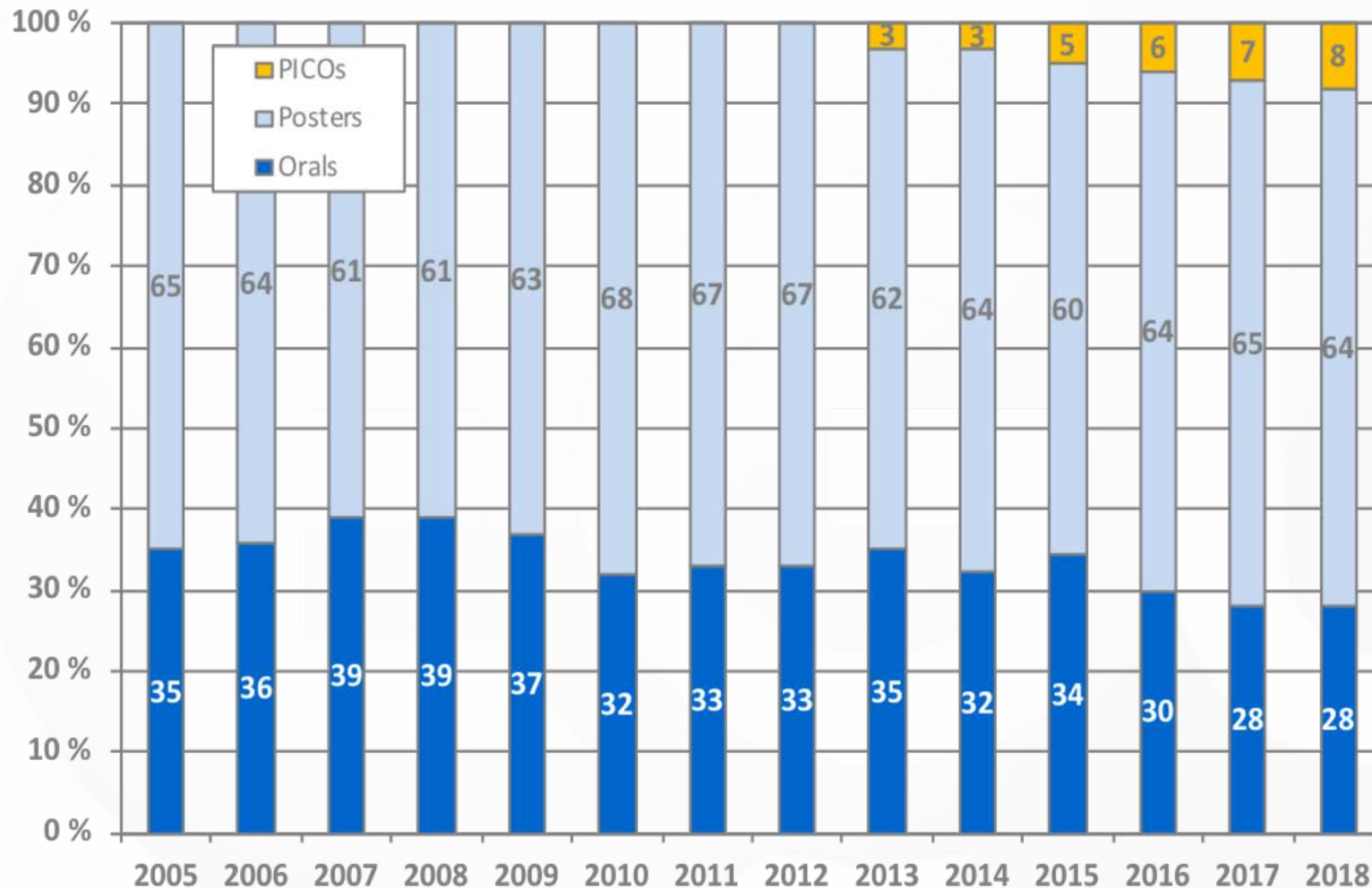
EGU General Assembly 2018 – some numbers

Papers in programme 2005–2018



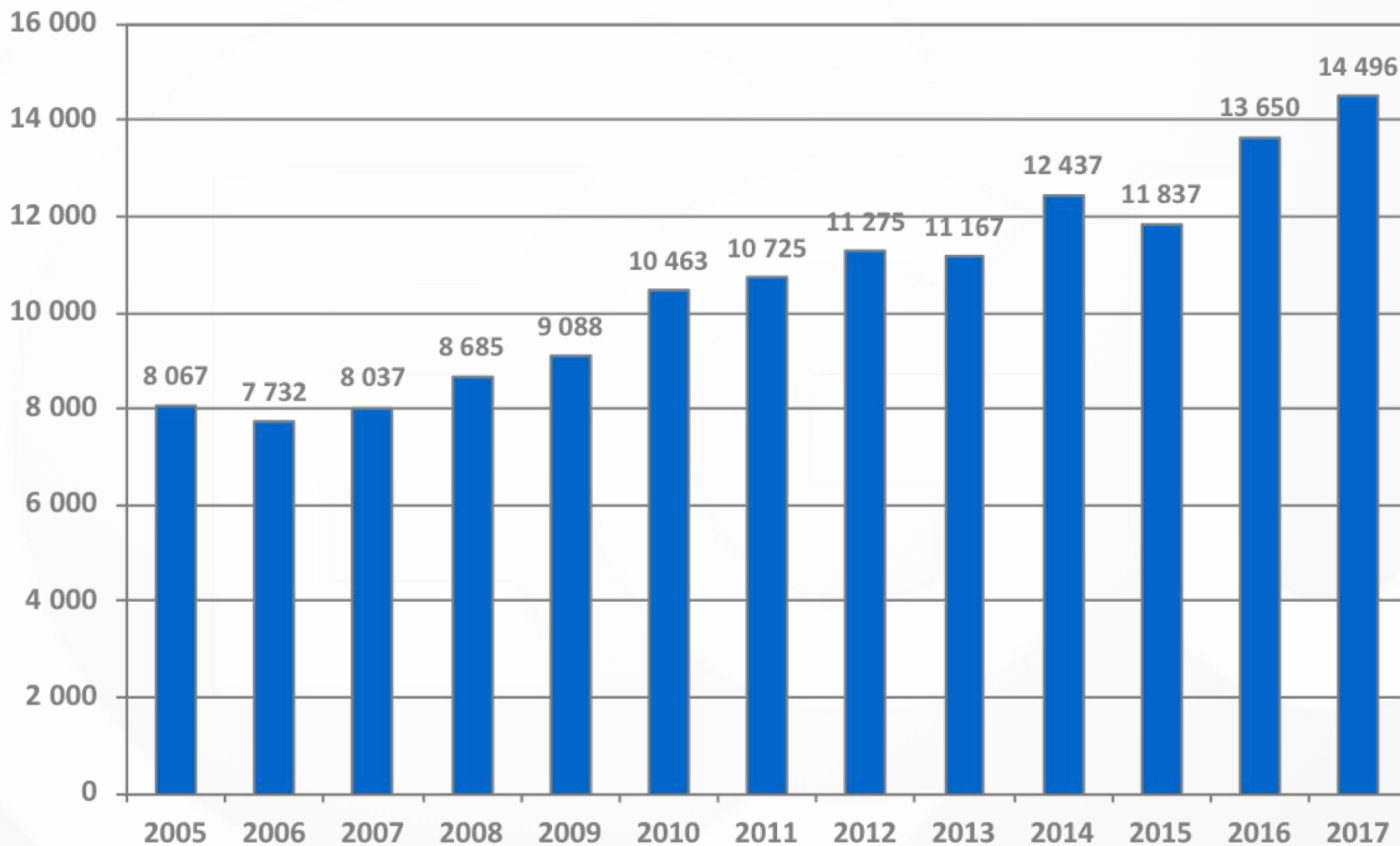
EGU General Assembly 2018 – some numbers

Presentation ratio 2005–2018



EGU General Assembly 2018 – some numbers

Participants at EGU General Assemblies 2005–2017



All abstract statuses	
Submitted	Total: 18,283
	Thereof rejected: 2
	Thereof withdrawn: 431
Scheduled	Total: 17,850
	Thereof withdrawn orals: 49
	Thereof withdrawn PICOs: 66
	Thereof withdrawn posters: 547
Active scheduled	Total: 17,188

EGU General Assembly 2018 – some numbers

Biogeosciences Division

years	2012	2013	2014	2015	2016	2017	2018
Number of abstracts	659	696	753	727	901	817	1020

Information on 2018 – Activities

- Measures to reduce environmental impact of the General Assembly (e.g. CO2 emission offset, water bottles)
- Poet-in-residence
- Cartoonist-in-residence
- Public lecture, Th 19:00, Natural History Museum
- Lecture rooms staffed at lunch breaks
- OSPP ‘volunteer to judge’
- 5 US, 4 GDB, 60 SMI, 60 SMP, 15 TM
- 70 short courses. New Short Courses co-chair needed for GA19-GA23
- Mentoring programme matched 153 mentees with 97 mentors (ca 70 mentees unmatched – need more mentors!)

President: Giuliana Panieri (NO) 2017-2019

Deputy President: Cornelia Rumpel (FR)

Science Officers:

1. General Biogeosciences: Giuliana Panieri
2. Terrestrial Biogeosciences: Cornelia Rumpel
3. Marine Biogeosciences: Carolyn Stomp
4. Earth System Biogeosciences:
5. Geomicrobiology, Extreme environments and Early evolution of life : Helge Niemann
6. Palaeo Biogeosciences:
7. Freshwater Biogeosciences: Lutz Merbold
8. Extraterrestrial biogeosciences and Earth analogs:
9. Industrial Biogeosciences & Technology: Alina Stadnitskaia

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BG Early Career Scientists



Pierre-Antoine
Dessandier
(CAGE, UIT)
ECS
representative



Vincent Carrier
(CAGE, UIT)
will be in
charge of the
communication
(blog,
facebook,
twitter)



Olivia Trani
(new EGU
communication
officer) will help with
the blog editing and
all other issues



Roelof
Rietbroek ex
ECS union-
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Stephanie
Zihms
ECS union-
representative

Early career scientist representatives exist in each division, lead by one ECS union-rep. The ECS union-representative is **member of the outreach** and of the **education committees**.

What they do:

Skype meeting every month between all ECS-rep to discuss several topics:

- Next EGU GA activities (ECS rep workshop, forum for ECS, meeting the ECS, social events)
- Propose short courses
- Communicate news from ECS union-rep about EGU and committees

Objectives in Biogeoscience:

Building a new team to take care of the blog and make a link between the BG subdivisions

We would like to find an **ECS in each subdivision**, to be in charge of:

- Creation of an active group for the blog
- Giving feedback about courses/workshops needed by the ECS community
- Contacting authors for the blog and/or short courses
- Organising dinner for ECS to meet researchers from BG division

This year: ECS-rep had workshop Saturday 07/04; networking and career reception 09/04; forum 12/04; ECS official meeting 13/04.

2019 Proposals:

- Event on «general biogeosciences»: Union symposia (?)
- Topical event (Mary Anning new conference series)
- ECS meet “seniors” event

- **Galileo Conferences**

Exploring new frontiers in fluids processes in subduction zones,
24-29 June 2018, Leibnitz, Austria

*The anatomy of abrupt climate change: dissecting the palaeo-
record to trace the mechanisms of climate variability, 27-31*
August 2018, Gniew, Poland

- **Training Schools**

13 funded in 2018, Call for 2019 opens 1 June

- **Conference Series**

Two new conferences added:

Mary Anning: Biochemical processes in the Earth system

Angioletta Coradini: Solar System and Planetary Processes

Mary Anning Conference



Scope: Biogeochemical Processes in the Earth System

When: to be held every two years

Call: for proposals opens 1 June 2018

Aim: to promote novel and innovative research related to biogeochemical cycles in the Earth system and bring together experienced and early career scientists for an interdisciplinary discussion.

Angioletta Coradini Conference

Scope: Solar System and Planetary Processes

When: to be held every two years

Call: for proposals opens 1 June

Aim: to promote novel and innovative research related to all aspects of space research, in particular chemical and physical processes and their interactions with the Sun, other host stars, the heliosphere and astrospheres with the planetary magnetospheres, atmospheres and climate.



2017 Outstanding Student Poster and PICO (OSPP) Awards

Joachim Jansen

Poster entitled:

Carbon trace gas dynamics in subarctic lakes

(Jansen, J.; Jammot, M.; Thornton, B.; Wik, M.; Friberg, T.; Crill, P.)



2017 Outstanding Student Poster and PICO (OSPP) Awards

Kimberly C. Galvez

Poster entitled:

The Variability of Cold-water Coral Growth within the Straits of Florida (Galvez, K. C.; Eberli, G. P.; Hebbeln, D.; Wienberg, C.; Titschak, J.)



2017 Outstanding Student Poster and PICO (OSPP) Awards

Sara Milner

Poster entitled:

Assessing the biomineralization processes in the shell microstructure of modern brachiopods: variations in the oxygen isotope composition and minor element ratios (Milner, S.; Rollion-Bard, C.; Burckel, P.; Tomasovych, A.; Angiolini, L.; Henkel, D.;)



2017 Outstanding Student Poster and PICO (OSPP) Awards

Raphael Weber

Poster entitled:

Shaded trees save their carbon (Weber, R.; Hoch, G.)





BG Awards

2018 Division Outstanding Early Career Scientists Award

EGU

2018 Division Outstanding Early Career Scientists Award

We need nominations!

2017 Vladimir Ivanovich Vernadski Award

Antje Boetius

The 2018 Vladimir Ivanovich Vernadsky Medal is awarded to Antje Boetius for groundbreaking contributions to biogeosciences and spearheading research on methane-based metabolisms and the marine carbon cycle



Vernadski Medal

Recipients



Antje Boetius

2018



Jack J. Middelburg

2017



Carlos M. Duarte

2016



Klaus Butterbach-
Bahl

2014



Albertus J. Dolman

2013



Jean-Pierre Gattuso

2012



Ulf Riebesell

2011



Donald Canfield

2010



Edward F. DeLong

2008



Jaap S. Sinninghe
Damsté

2007



Claude Lorius

2006



Paul G. Falkowski

2005



Ernst-Detlef Schulze

2004

Nominations for the EGU Medals

- Quality of nominees and the diversity are essential to maintain the prestige EGU A&M.
- Nominations for all the medals and awards are to be submitted online by 15 June of each year (absolute deadline).
- Check the EGU website for further information:

<https://www.egu.eu/awards-medals/proposal-and-selection-of-candidates>

I have a brilliant candidate for a medal / award ...

- Who can nominate? => EGU members (like, everybody in this room ...)
- Whom can you nominate? => anybody except EGU officials ... and yourself!
- When? => June, 15th is the absolute deadline, you can do it NOW
- How? Online: <https://www.egu.eu/awards-medals/proposal-and-selection-of-candidates/>

... and what if you do not nominate?

The EGU reserve the right to not confer the medal when there is only one nomination.

Outstanding Student Poster and PICO Award

Criteria for application

Current or recent undergraduate students (Bsc, Msc, PhD)

First author and present at the conference

Evaluation criteria

scientific quality of the presentation

design

student's ability to answer questions

marks given from 0 to 10

In total 128 contributions from 37 sessions

3 judges per contribution for eligibility

>3 judges: 15, 3 judges: 101, 2 judges: 9, 1 judge: 2, 0 judges: 1

Outstanding Student Poster and PICO Award

- » Responsibility of the conveners
 - Ideally, nominations should be finished one week before the conference
 - Eligibility criteria: PhD, no conflict of interest
 - Check your e-mails for instructions
 - Talk to me if you need help

- » OSPP judges
 - New this year: “**OSPP: volunteer to judge**” button
 - We try to make your assignment as simple as possible
 - Try to match your interests – judge a poster you wanted to look at anyway
 - It is not all about the award, you can help a student to have a great conference
 - If you cannot judge an assigned contribution, tell us as soon as possible
 - Students will receive evaluation forms without the names of the judges
 - Talk to the session convener or me if there is a problem

Communications at the General Assembly

EGU Today

- Daily newsletter highlighting scientific sessions, short courses and other activities at the Assembly
- Paper copies will be distributed daily and can be downloaded at: egu2018.eu/egu_today.html

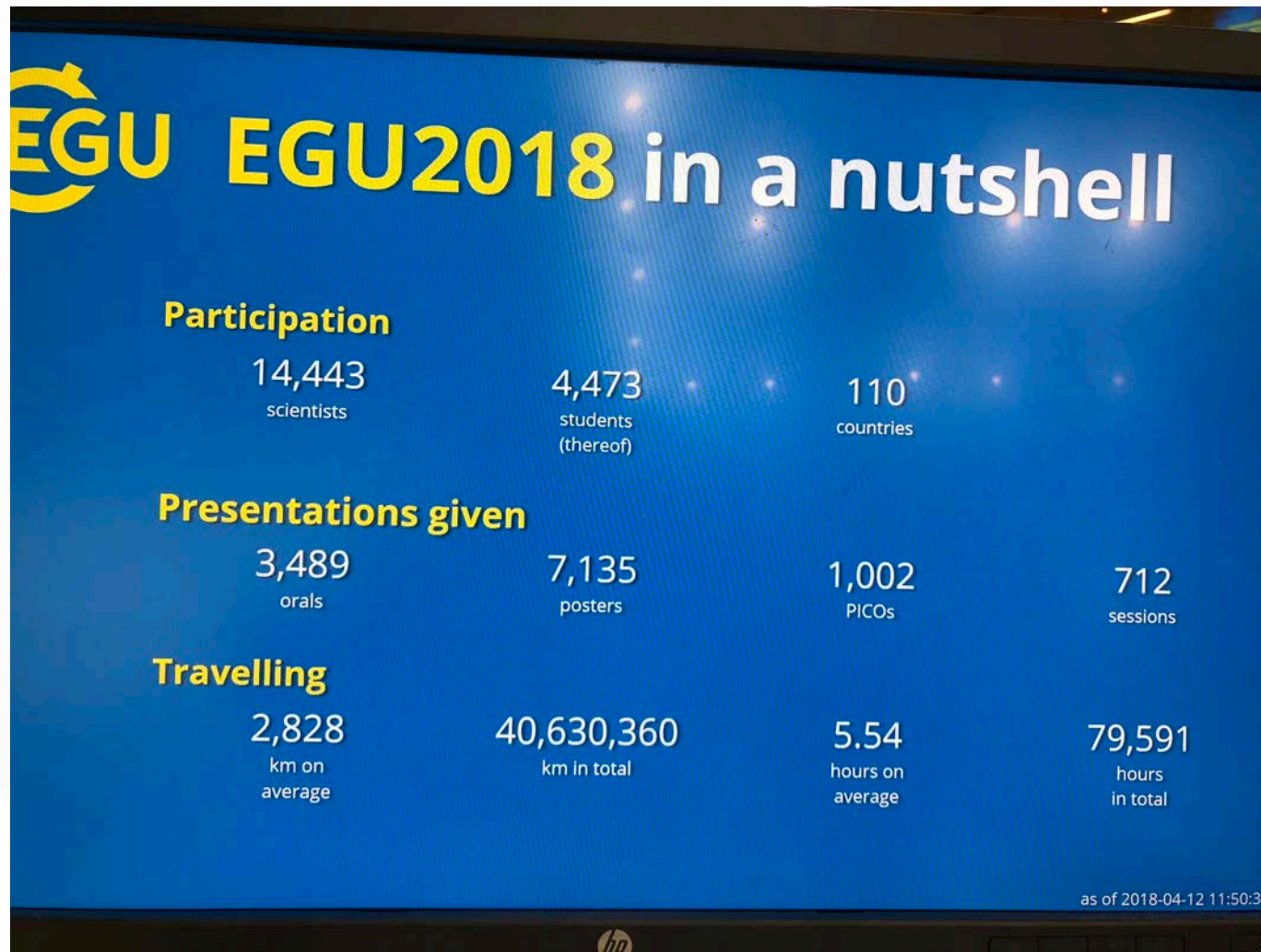
Blogs

- GeoLog, the EGU Blog Network & EGU Division Blogs will be sharing great sessions, research, interviews and more throughout the Assembly
- Follow them at geolog.egu.eu and blogs.egu.eu

Social Media

- Sessions will be advertised on Twitter (@EuroGeosciences) and Facebook (European Geosciences Union)
- For behind the scenes access to the conference follow us on Instagram (@EuroGeosciences)
- Participants can ask questions & keep updated by following #EGU18

EGU General Assembly 2018 facts



EGU General Assembly 2018

- No-shows: Alert conveners, presenting author and PG chair if no (co-) author of abstract registered by two weeks prior to GA2018. If an abstract was not presented and not withdrawn, or withdrawn after scheduled presentation, we ask conveners if they received any feedback. If no reason, Copernicus will withdraw abstracts from www.egu2018.eu
- Statement stressing that **all scientific presentations at our General Assembly have equal importance**, independent of format, was released 20.02.2018 www.egu.eu/about/statements/ and www.egu2018.eu/
- Warning for (co-)convener orals at session scheduling
- 1 solicited presentation per oral block (and 2 solicited possible to accommodate session merges)

- No solicited presentations by conveners: “Authors (first and co-authors) should not have a solicited presentation in a session they (co-)convene. (Co-)conveners should not be presenting author, and are discouraged from being co-author, on oral presentations in a session they convene.”
- 1 abstract rule: “Authors are allowed as first author to submit either one regular abstract plus one abstract solicited by a convener, or two solicited abstracts.”
- Number of conveners on a session: At session submission minimum 2 – maximum 5
- Number of convenerships as a recommendation: 1 as main convener, maximum 3 (co-)convenerships total

Timeline for the EGU General Assembly 2019

01 Jun – 21 Jun 18	Call-for-skeleton. Only sub-programme structure (headers), no sessions
25 Jun – 13 Sep 18	Public call-for-sessions Includes GDB and US
17 Sep – 12 Oct 18	Session programme finalization
11 Oct 18	PC Meeting Ismanning
15 Oct 18 – 10 Jan 19	Abstract submission

The Horizon 2020 Geoscience Survey

Experience with EU funding programmes?

Help us tell policymakers about what EU funded research areas geoscientists feel should be focused on, improved or continued.

Online: www.egu.eu/H2020survey
Or at the EGU Booth (Brown Level, -2)

EXPERIENCE WITH
EU FUNDING PROGRAMMES?
WE NEED YOUR FEEDBACK!



Credit: European Parliament/CS about 2015/0227/PL Parliament website/EGU/Burgerszone (distributed via Wikimedia Commons)

Help us tell policymakers about what EU funded research areas geoscientists feel should be focused on, improved or continued.

**HEAD TO THE EGU BOOTH (BROWN LEVEL, -2)
TO COMPLETE THE SURVEY NOW!**

www.egu.eu/H2020survey



Biogeosciences (BG)

www.biogeosciences.net

Co-editors-in-chief:

Michael Bahn, Katja Fennel,
S.W.A. Naqvi & Anja Rammig

Associate Editors: 65

Publisher: Copernicus GmbH
on behalf of the
European Geosciences
Union (EGU).



European
Geosciences
Union

Aims & Scope

Biogeosciences (BG) is an international scientific journal dedicated to the publication and discussion of research articles, short communications, and review papers on **all aspects of the interactions between the biological, chemical, and physical processes** in terrestrial or extraterrestrial life with the **geosphere, hydrosphere, and atmosphere.**

The objective of the journal is to cut across the boundaries of established sciences and achieve an interdisciplinary view of these interactions. **Experimental, conceptual, and modelling approaches** are welcome.

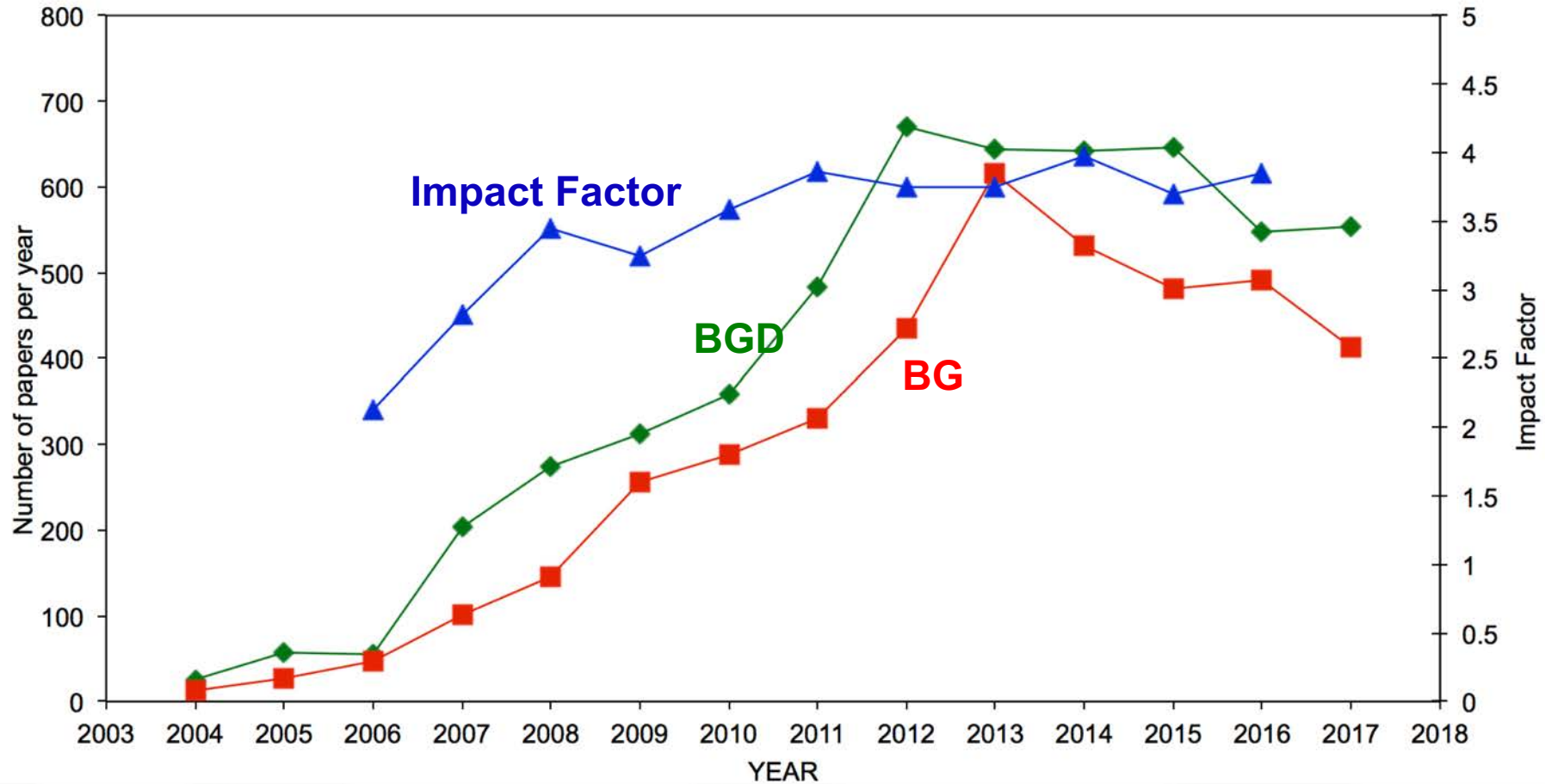
Open access & Open peer review

The review process, referee comments, open comments and authors answers are public, archived and citable as well.

BGD manuscripts as well as BG papers are archived and fully citable - Ideas and rights of authors are fully protected from the beginning.

Coverage of costs by authors, as there is no other income for the publisher.

Copyright stays with the authors.



Current Impact Factor 3.85 (has been >3.5 since 2010)

Currently 550 submissions to BGD per year

Acceptance rates: 1st January to 31st December 2017 (and 2016 for comparison)

BG Discussions	2017 papers	2016 papers
Total reviews	522 -5.8%	554
Withdrawn	4	6
Still in review	1	0
Total decisions	517	548
Accepted	424 (82%) +3.7%	429 (78.3%)
Thereof		
initially	299 (70.5%)	277 (64.6%)
after one revision	118 (27.8%)	142 (33.1%)
after two revisions	7 (1.7%)	10 (2.3%)
Rejected	83 (18%) -3.7%	119 (21.7%)
Thereof		
initially	93 (100%)	117 (98.3%)
after one revision	(%)	2 (1.7%)

Acceptance rates: 1st January to 31st December 2017 (and 2016 for comparison)

BG	2017 papers	2016 papers
Total reviews	481 -13.3%	555
Withdrawn	1	1
Still in review	21	3
Total decisions	459	551
Accepted	410 (89.3%) -0.5%	495 (89.8%)
Thereof		
after one revision	176 (42.9%)	227 (45.9%)
after two revisions	194 (47.3%)	232 (46.9%)
after three revisions	37 (9%)	33 (6.7%)
after four revisions	3 (0.7%)	2 (0.4%)
after five revisions	0 (0%)	1 (1.8%)
Rejected	49 (10.7%) +0.5%	56 (10.2%)
Thereof		
initially	30 (61.2%)	19 (33.9%)
after one revision	18 (36.7%)	34 (60.7%)
after two revisions	1 (2%)	2 (3.6%)
after three revisions	0 (0%)	1 (1.8%)

Gerhard Herndl in 2014

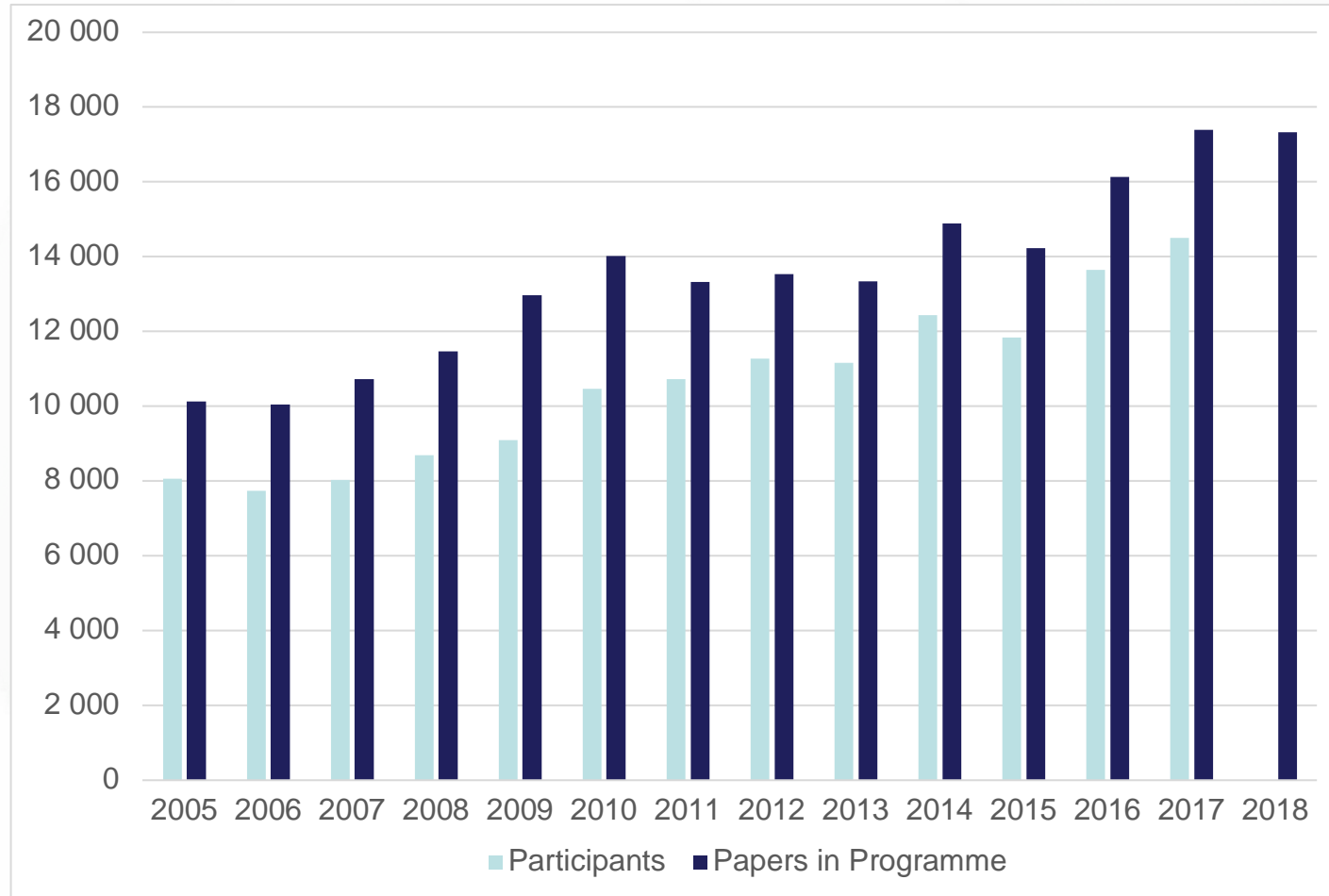
Jack Middelburg and **Paul Stoy** in 2015

Jürgen Kesselmeier and **Yakov Kuzyakov** in 2016

Sönke Zähle in 2017

Future format General Assembly

Papers in programme 2005–2018 and participants 2005-2017



Future format General Assembly

The need for a change

- We may reach maximum poster capacity in ~2 years
- Oral sessions can reach 80% median room fill in ~2 years, meaning 50% of the rooms will be full to overfull
- There is no possibility for new rooms or extra space in the ACV
- EGU has signed a contract with the ACV until 2024
- 60% - 65% (2013-2018) of abstracts are posters, which are presented in 1.5 hours only



We need to act