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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2. ECS Award 2019: submit nominations by 15 June 2018
3. Publications
4. AOB
EGU Structure update

Current President: Jonathan Bamber

EGU office in Munich, Executive Secretary: Philippe Courtial

Incoming President: Alberto Montanari

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- Original sessions: 1,355; 1,028 still active, 327 withdrawn
- Withdrawn: 309 scientific sessions, 7 SC, and 11 side events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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EGU General Assembly 2018 – some numbers

Papers in programme 2005–2018

![Graph showing the number of papers in the programme from 2005 to 2018. The number of papers increases from 10,135 in 2005 to 17,323 in 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

<table>
<thead>
<tr>
<th>Status</th>
<th>Total</th>
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<tr>
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<td>18,283</td>
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<tr>
<td>Thereof rejected</td>
<td>2</td>
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<tr>
<td>Thereof withdrawn</td>
<td>431</td>
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<tr>
<td>Scheduled</td>
<td>17,850</td>
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<tr>
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<td>49</td>
</tr>
<tr>
<td>Thereof withdrawn PICOs</td>
<td>66</td>
</tr>
<tr>
<td>Thereof withdrawn posters</td>
<td>547</td>
</tr>
<tr>
<td>Active scheduled</td>
<td>17,188</td>
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</table>
### EGU General Assembly 2018 – some numbers

**Biogeosciences Division**

<table>
<thead>
<tr>
<th>years</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
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</thead>
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<tr>
<td>Number of abstracts</td>
<td>659</td>
<td>696</td>
<td>753</td>
<td>727</td>
<td>901</td>
<td>817</td>
<td>1020</td>
</tr>
</tbody>
</table>
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
President: Giuliana Panieri (NO) 2017-2019

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Science Officers:
1. General Biogeosciences: Giuliana Panieri
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3. Marine Biogeosciences: Helmuth Thomas
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5. Geomicrobiology and Extreme environments and Early evolution of life: Helge Niemann
6. Palaeo Biogeosciences: Tobias Himmler
7. Freshwater Biogeosciences: Lutz Merbold
8. Extraterrestrial biogeosciences and Earth analogs: Angelo Pio Rossi
9. Industrial Biogeosciences & Technology: Alina Stadnitskaia

Approval
BG Early Career Scientists

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 representative

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

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.
BG Activities

2019 Proposals:
- Event on «general biogeosciences»: Union symposia (?)
- Topical event (Mary Anning new conference series)
- ECS meet “seniors” event
EGU Topical Events

- **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.
BG Awards

2017 Outstanding Student Poster and PICO (OSPP) Awards

Joachim Jansen

Poster entitled:
*Carbon trace gas dynamics in subarctic lakes*
(Jansen, J.; Jammet, M.; Thornton, B.; Wik, M.; Friborg, T.; Crill, P.)
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:
BG Awards

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
2018 Division Outstanding Early Career Scientists Award

We need nominations!
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:
  
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

… 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

- Participation:
  - 14,443 scientists
  - 4,473 students (thereof)
  - 110 countries

- Presentations given:
  - 3,489 orals
  - 7,135 posters
  - 1,002 PICOs
  - 712 sessions

- Travelling:
  - 2,828 km on average
  - 40,630,360 km in total
  - 5.54 hours on average
  - 79,591 hours in total

as of 2018-04-12 11:50:31
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)
News for the EGU General Assembly 2019

- **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
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](http://www.egu.eu/H2020survey)
Or at the EGU Booth (Brown Level, -2)
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.
Currently 550 submissions to BGD per year

Current Impact Factor 3.85 (has been >3.5 since 2010)
Acceptance rates: 1st January to 31st December 2017 (and 2016 for comparison)

<table>
<thead>
<tr>
<th>BG Discussions</th>
<th>2017 papers</th>
<th>2016 papers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total reviews</strong></td>
<td>522</td>
<td>-5.8%</td>
</tr>
<tr>
<td>Withdrawn</td>
<td>4</td>
<td></td>
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<tr>
<td>Still in review</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td><strong>Total decisions</strong></td>
<td>517</td>
<td></td>
</tr>
<tr>
<td><strong>Accepted</strong></td>
<td>424 (82%)</td>
<td>+3.7%</td>
</tr>
<tr>
<td>Thereof</td>
<td></td>
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</tr>
<tr>
<td>initially</td>
<td></td>
<td></td>
</tr>
<tr>
<td>after one revision</td>
<td>299 (70.5%)</td>
<td></td>
</tr>
<tr>
<td>after two revisions</td>
<td>118 (27.8%)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7 (1.7%)</td>
<td></td>
</tr>
<tr>
<td><strong>Rejected</strong></td>
<td>83 (18%)</td>
<td>-3.7%</td>
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<tr>
<td>Thereof</td>
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</tr>
<tr>
<td>initially</td>
<td></td>
<td></td>
</tr>
<tr>
<td>after one revision</td>
<td>93 (100%) (%)</td>
<td></td>
</tr>
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</tbody>
</table>


### Acceptance rates: 1\textsuperscript{st} January to 31\textsuperscript{st} December 2017 (and 2016 for comparison)

<table>
<thead>
<tr>
<th>BG</th>
<th>2017 papers</th>
<th>2016 papers</th>
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<tbody>
<tr>
<td>Total reviews</td>
<td>481</td>
<td>-13.3%</td>
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<tr>
<td>Withdrawn</td>
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<td>Total decisions</td>
<td>459</td>
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<td>Accepted</td>
<td>410 (89.3%)</td>
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<td>176 (42.9%)</td>
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<td>194 (47.3%)</td>
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<td>after three revisions</td>
<td>37 (9%)</td>
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<td>after four revisions</td>
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<tr>
<td>after five revisions</td>
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<tr>
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<td>30 (61.2%)</td>
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<tr>
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<td>18 (36.7%)</td>
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<td>1 (2%)</td>
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<tr>
<td>after three revisions</td>
<td>0 (0%)</td>
<td></td>
</tr>
</tbody>
</table>
Outstanding editors

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

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