

Biogeosciences Division

Alina Stadnitskaia

Business Meeting | 27 April 2017



Biogeosciences

Division



Meetings | Publications | Outreach | www.egu.eu

AGENDA

1. Report on the 2016/2017 EGU Activities
2. EGU structure update
3. EGU Office Report
4. PICO
5. Topical Events
6. Report on the 2016/2017 BG Activities
7. BG president elections
8. Suggestions for the EGU 2018 Programme
9. EGU Topical Events
10. BG Publications – BIOGEOSCIENCES Journal -
11. Vladimir Vernadsky Medal
12. Division Outstanding Early Career Scientists Award
13. Medals & Awards
14. BG Outstanding Student Poster and PICO (OSPP) Awards
15. BG Awards
16. Suggestions regarding the Activities of the Union, such as Meetings, Publications and Outreach Activities
17. AOB

EGU Structure update

Current President: Jonathan Bamber



Outgoing President: Hans Thybo



EGU office in Munich, Executive Secretary:
Philippe Courtial



Media and Communications Manager:
Barbara Ferreira.



A new Science Policy Officer!
WELCOME to Chloe Hill starting likely 15 May

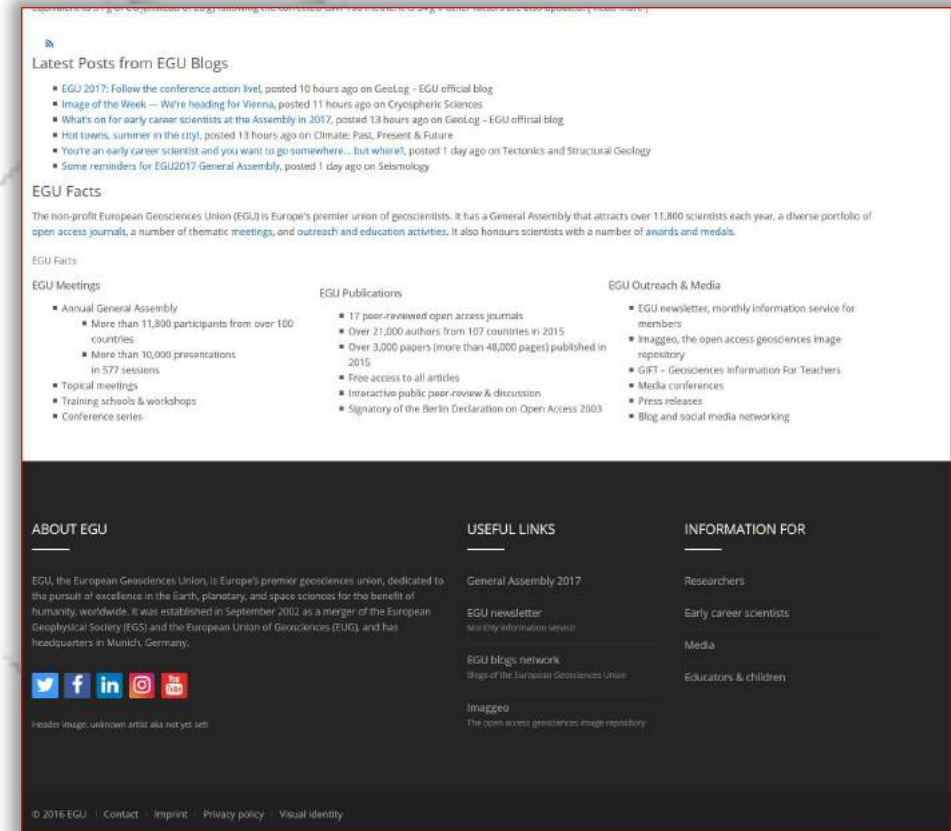
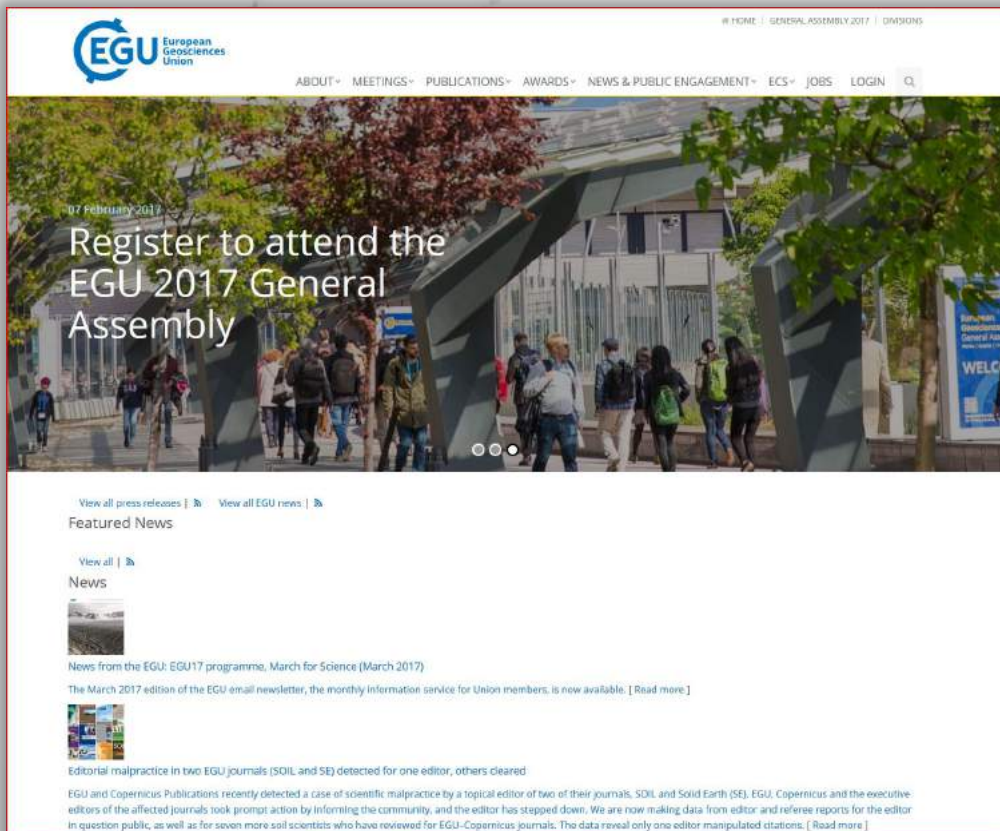


March for Science Vienna – 22.04.2017

EGU Membership for 2017

Membership	2013 04 April	2014 26 April	2015 09 April	2016 15 April	2017 20 April
Honorary	73	76	77	80	84
Life	50	71	86	106	129
Regular	3140	3438	3336	4275	4676
Student	1372	1667	1719	1915	2074
Emeritus	132	142	144	156	182
Complimentary	3325	3730	3359	3598	3850
Total	8092	9124	8721	10130	10995

EGU Website – New layout



In implementation ...
Div. Websites & User sites remaining

Press activities & EGU Today & Networking

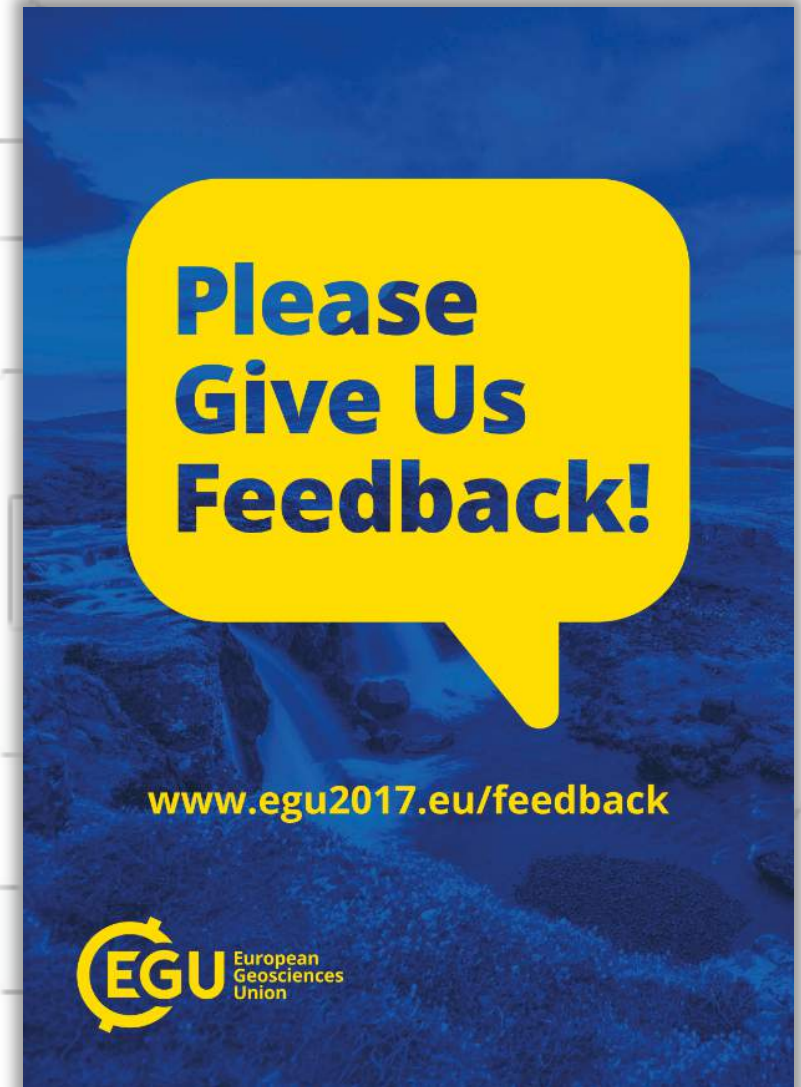
- **Press activities** 8 Press conferences: opportunity for scientists to present their work to journalists; opportunity to get the EGU conference and its research to reach a wider audience
- **ECS Networking** ECS meetings - Sessions of special interest for ECS ...
- **EGU today**
 - EGU's daily newsletter at the General Assembly (2 pages per day)
 - Highlights interesting disciplinary and Union sessions, Medal Lectures, Short Courses, GeoCinema events, etc.
 - About 2500 paper copies day will be distributed as last year



GA Survey

www.egu2017.eu/feedback

- Distribution:
 - via email to participants and EGU members after the GA
 - links on social media & blog
 - egu2017.eu website
 - Flyers/cards in Vienna
- Survey live during the General Assembly until mid June



Report on the 2017 EGU Activities

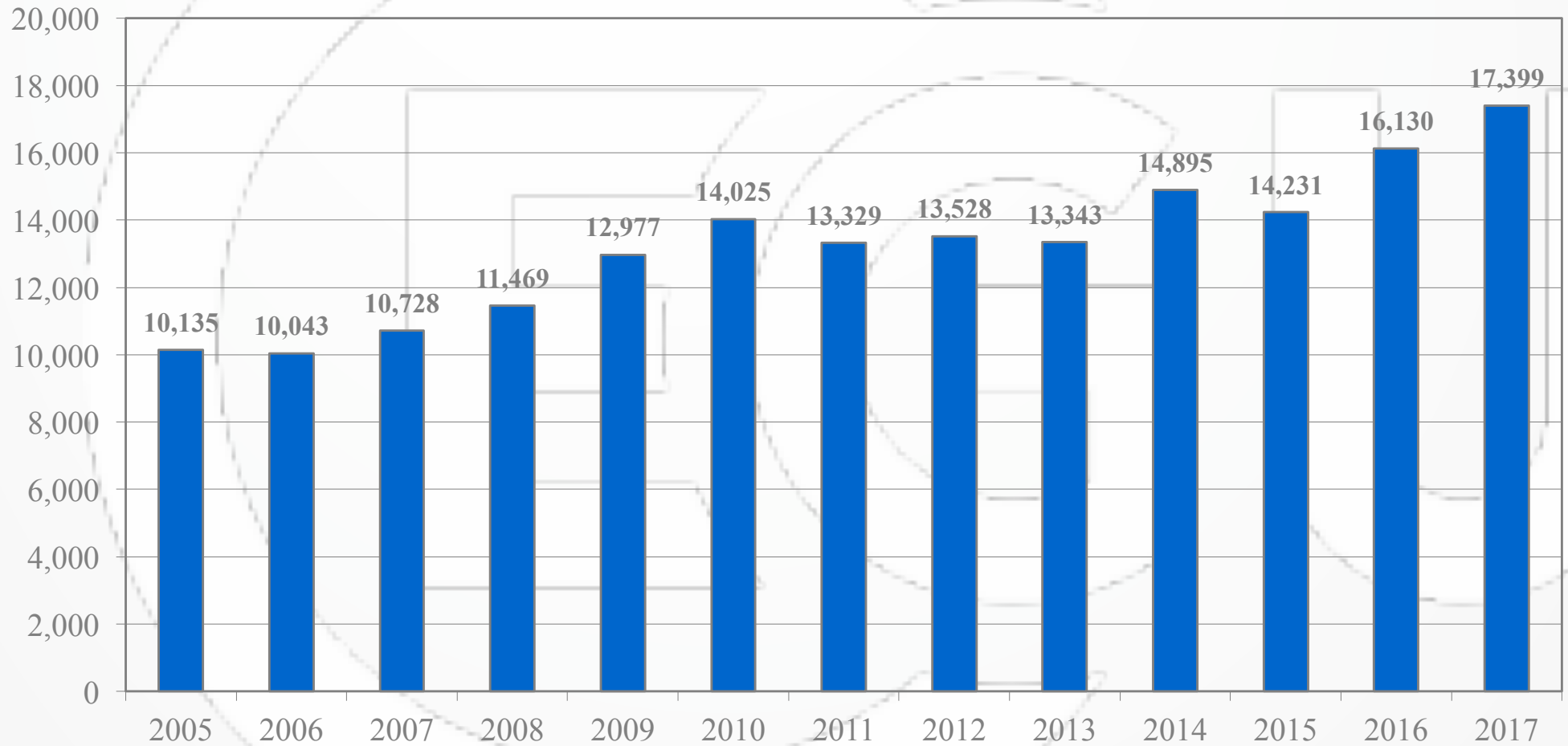
EGU General Assembly 2017 facts

As of 19 April (17:01), the Assembly 2017 provides:

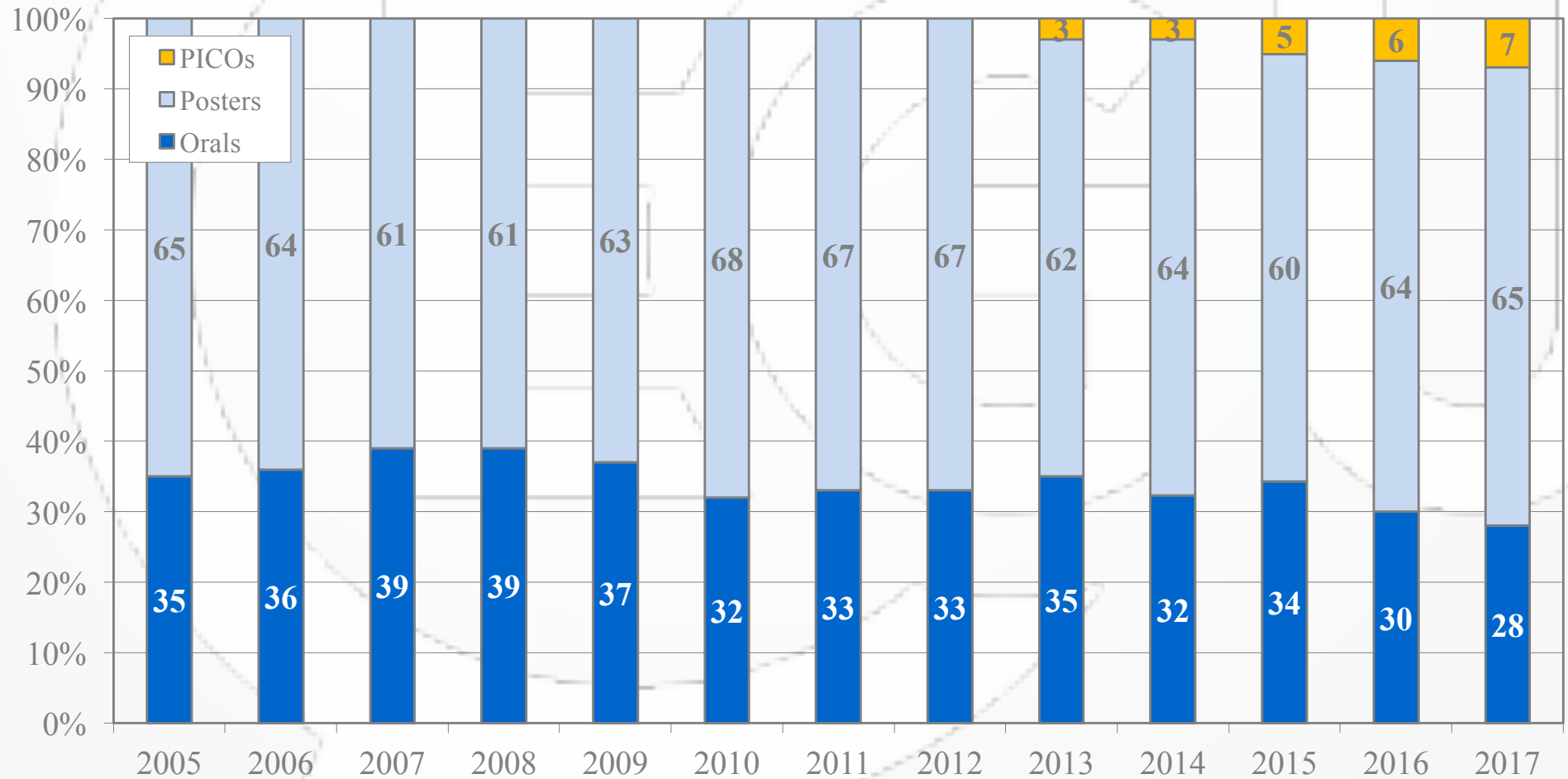
- 17,399 papers in programme | +7.87% (2016)
- 4,849 orals | 11,312 posters | 1,238 PICOs | ratio 28 / 65 / 7
- 11,331 registrations in advance | +3.55% (2016)
- 649 unique scientific sessions | 88 short courses | 322 side events*
- 383 out of 649 scientific sessions are co-organized (59%)
- The 383 co-organized include 12 IE sessions with 261 presentations
- Original sessions: 1,432; 1,059 still active, 373 withdrawn
- Withdrawn: 356 scientific sessions and 17 side events

*Side events include: SSE (w/o US), OEM (w/o EOS), STM (w/o SC), FAN, AM

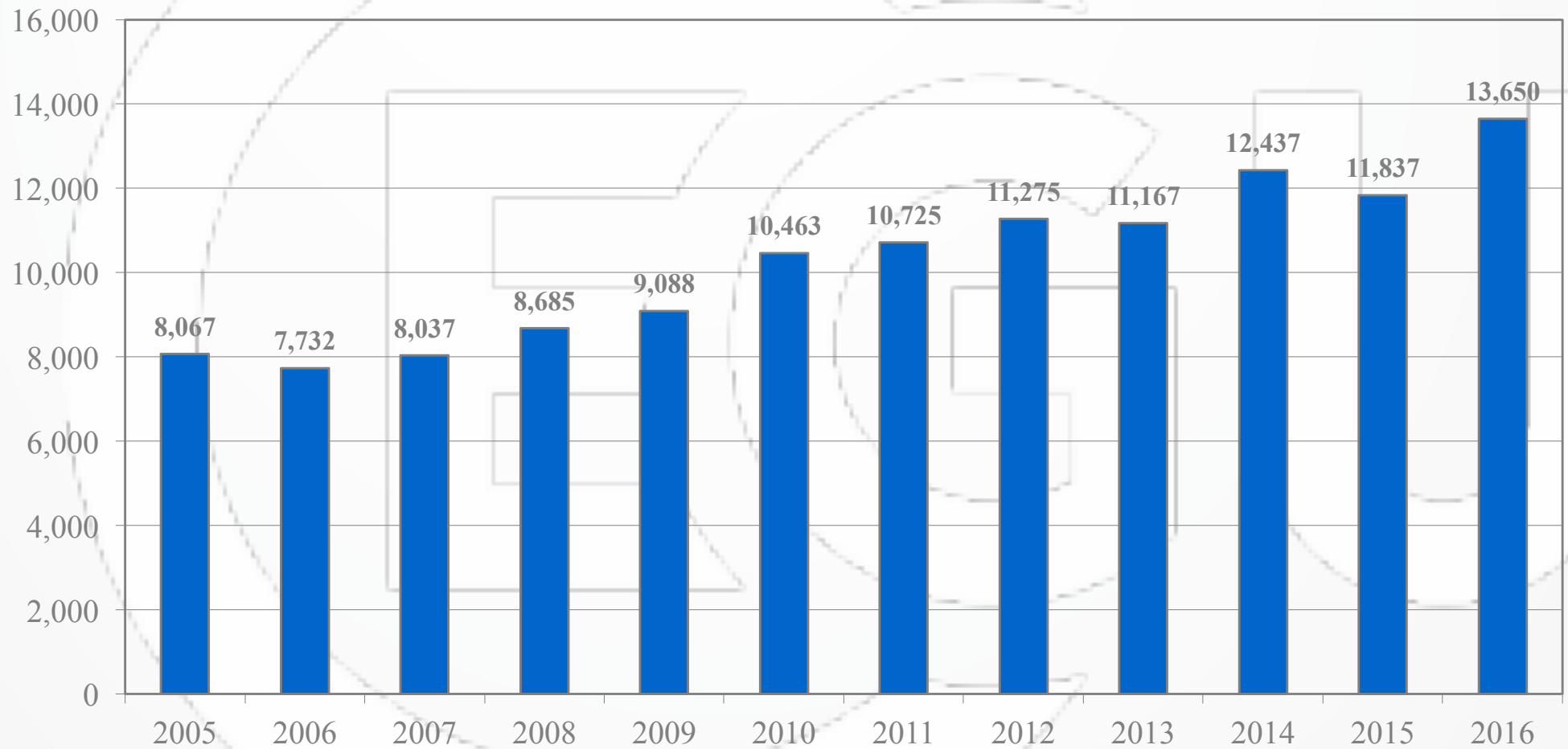
Papers in programme 2005–2017



Presentation ratio 2005–2017



Participants at EGU General Assemblies 2005–2016



Report on the 2017 EGU Activities

The concept of PICO

ONLY at EGU



- Sample session: 40 abstracts = 6 orals (1 block) and 34 poster
- Oral sessions: + audience | – just six contributions in one time block
- Poster sessions: + networking | – too many posters in one time block
- PICO: combination of short introductions and display presentations
- Add-on: touch screens instead of poster boards, interactive content



A PICO session

- PICO Spot: combination of lecture room and touch screens
- Sample session: 40 abstracts = 2 x 20 PICOs (2 time blocks)
- Time block starts with 20 x 2-minutes-madness for the audience
- Afterwards, audience moves to the 20 touch screens
- Each touch screen holds all presentations of that session
- Each author gets one touch screen in the order of the 2-minutes-madness
- The scheduled presentation is already open and can be presented
- Author and visitor can also switch to other PICO presentation for comparison
- Extra touch screens show the daily content for individual consumption

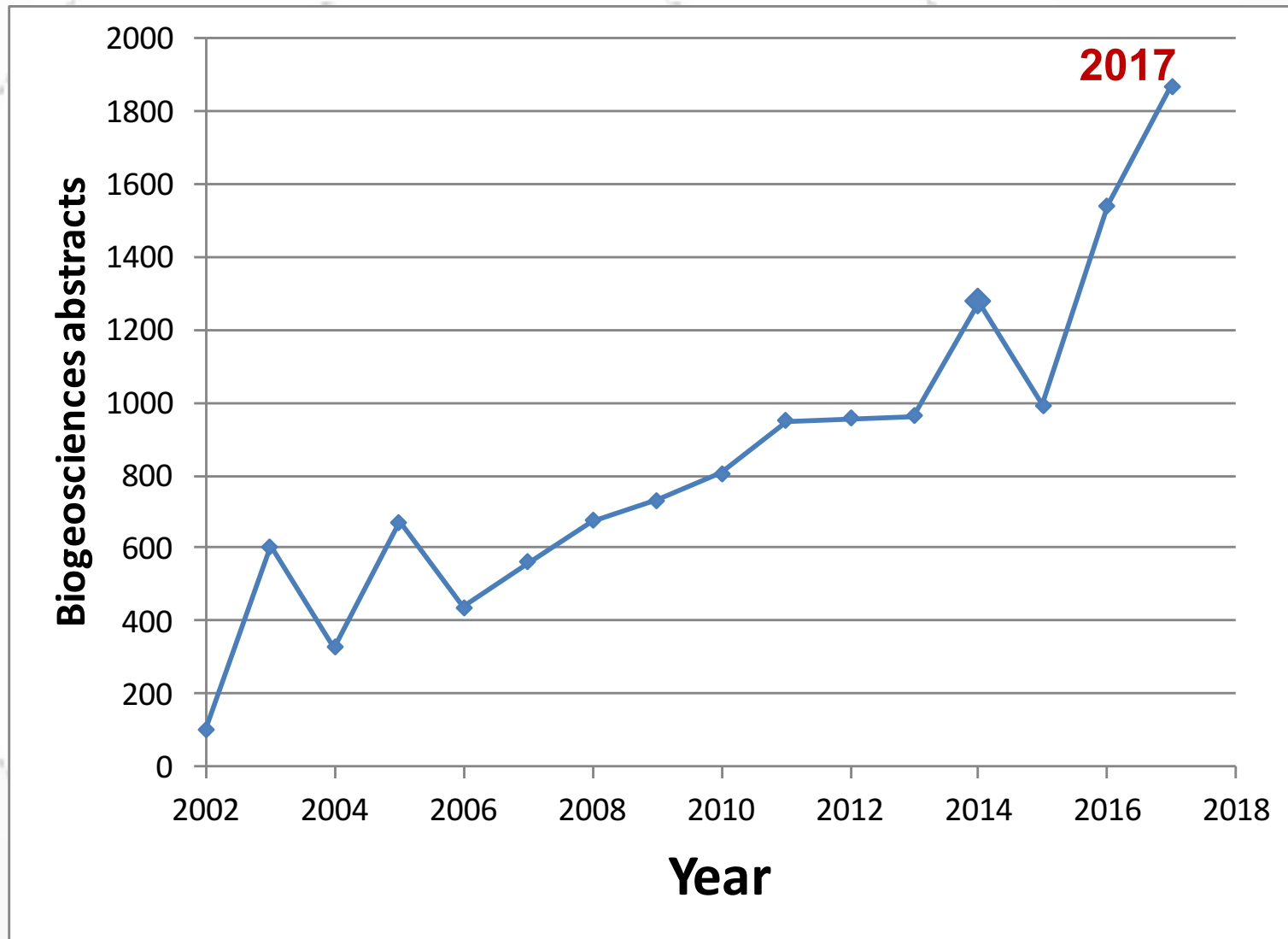


Topical events

EGU supports the organisation of meetings to promote the exchange of science:

- **EGU Galileo Conferences**
First two in 2017, next call at the end of 2018
- **Conferences series**
Three scheduled for 2017, possibly more in the future, presently on hold
- **Training schools** (formerly: co-sponsored events)
Open call: June 2017 (one call only for 2018)

Report on the BG activities



Report on the BG activities

Program Group Statistics

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
BG sessions	9	17	13	23	25	21	33	32	32	36	27	36	30	42	64	74
Co-organised intersessions						-11	(9)	(8)	(5)	(15)	(12)	(12)	(29)	(12)	(25)	-46
Oral presentations	71	230	178	204	152	202	236	240	227	317	303	329	394	381	439	520
posters	72%	38%	54%	30%	35%	36%	35%	33%	28%	33%	32%	34%	31%	38%	29%	28%
PICOs	28	376	149	468	287	361	439	493	579	631	654	619	833	536	971	1124
	28%	62%	46%	70%	65%	64%	65%	67%	72%	67%	68%	64%	65%	54%	63%	60%
												13	50	74	130	225
												1%	4%	7%	8%	12%
Total:	99	606	327	672	439	563	675	733	806	948	957	961	1277	991	1540	1869

BG Structure update

Biogeosciences Division Council

Outgoing President: Alina Stadnitskaia(NL) 2013 - 2017

Incoming President: *Giuliana Panieri* (NO) 2017-2019

Deputy President: Cornelia Rumpel (FR)

Science Officers:

1. **General Biogeosciences**
2. Terrestrial Biogeosciences
3. Marine Biogeosciences
4. **Freshwater Biogeosciences**
5. Earth System Biogeosciences
6. Paleo Biogeosciences
7. Geomicrobiology & Extreme Environments
8. Industrial Biogeosciences & Technology

Giuliana Panieri

Cornelia Rumpel

Caroline Slomp

Lutz Merbold

Andy Ridgwell

HAS TO BE APPOINTED

Helge Niemann

Alina Stadnitskaia

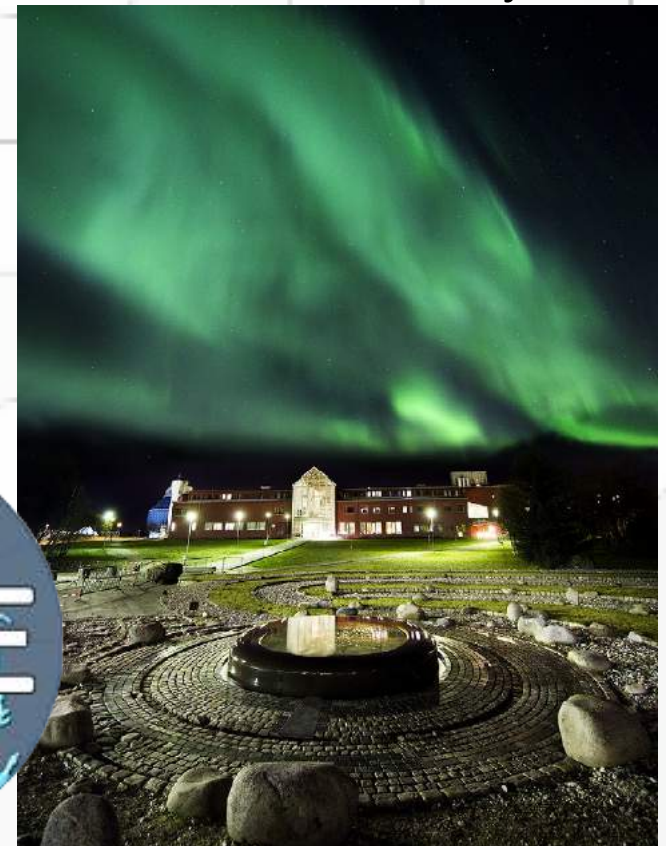
BG Structure update

President of the Biogeosciences Division 2017-2019

Dr. Giuliana Panieri



CAGE – Center of Excellence for Arctic Gas hydrate, Environment and Climate, The Arctic University of Norway, Tromsø





President of the Biogeosciences Division 2017-2019





President of the Biogeosciences Division 2017-2019

Professional expertise:

- 1996 BSc in Geology, University of Bologna
- 2001 PhD Paleontology, Agip-Eni and University of Modena and Reggio-Emilia
- 2003 Post-Doc in Micropaleontology, University of Bologna and Louisiana State University
- Independent micropaleontological consultant
- 2013 – now: CAGE - UiT The Arctic University of Norway
- 2013 – now: Leader of AMGG, Research School
- 2015 – now: Scientific responsible of Stable Isotope Laboratory -SIL, CAGE - UiT
- 2016 – now: Adjunct scientist WHOI, Woods Hole Oceanographic Institution

BG Structure update

Deputy President of the Biogeoscience Division



The French National Research Centre (CNRS) at the Institute of Ecology and Environment.

Research expertise and interests:

- Terrestrial biogeochemical cycling in the soil-plant-atmosphere continuum.
- Dynamics of terrestrial organic matter at the molecular scale.
- Origin and fate of terrestrial organic matter in soils, sediments and coal mining areas, in natural and managed ecosystems.
- Temperature and tropical environments.

Division president elections 2017

Election of a new division president for divisions with a president who starts her/his second term now and who is outgoing in 2019:

- Elections in autumn 2017 with 2 candidates minimum
- The elected person will become incoming division deputy president at the GA 2018
- and division president at the GA 2019
- These divisions have an appointed division deputy president for GA 2017 to GA 2018 (who needs to be approved by the division meeting of the GA 2017 (that is now). This is no change)

Division president election 2017

Division presidents who start their first term now:

- They can be re-elected once. They can stand as candidate this autumn 2017. **In case of re-election:**
- The division president who is re-elected will appoint a deputy-president for the periods GA 2018 - GA 2019 and GA 2019 – GA 2020
- Remember to regardless appoint a deputy president for the upcoming year from GA 2017 to GA 2018
- Appointed deputy division presidents have to be approved by the division meeting (no change to current practice)
- The next election is in 2019, the elected person will become the division deputy president at the GA 2020 and division president at the GA 2021
- If not re-elected: previous slide scenario!

BG Structure update

Scientific Officer for the Freshwater BG - Dr. Lutz Merbold



Head of Mazingira Centre
International Livestock Research Institute (ILRI)

Research expertise and interests:

- Detailed understanding of greenhouse gas exchange (H_2O , CO_2 , N_2O and CH_4) in diverse ecosystems worldwide including wetlands, woodlands, forests, savannas and managed grasslands.
- Definition of major meteorological as well as biological factors influencing ecosystem GHG fluxes and link the biogeochemical cycles of carbon, nitrogen and water.
- Exchange of GHGs at the process level (leaf and soils) and larger scales (regional to global) and remote sensing approaches.

BG Structure update

Biogeosciences Division Council

Publications

Awards & Medals

Vladimir Ivanovich Vernadsky

Medal Committee

Early Career Scientists Representative

Public Outreach and Education Officers

Scientific Affairs

Foreign Affairs

Jürgen Kesselmeier -
Jörn Peckmann (Chair)

Caroline Slomp – has to go

Gerd Gleixner

Giovanni Aloisi

Gerhard Herndl

Donald Canfield

Pierre-Antoine Dessandier

Pierre-Antoine Dessandier &

Jasper Bloemen

Giuliana Panieri


Giuliana Panieri

BG Early Career Scientists

EGU European Geosciences Union

Early Career Scientists!

Want to know what activities there are for ECS at the General Assembly? Visit www.egu.eu/ecs/at-the-assembly



That's not all! You can find out more about what the EGU does for early career scientists at www.egu.eu/ecs

www.egu.eu/ecs

Early Career Scientist Specials **EGU** European Geosciences Union

Did you know that about half of EGU General Assembly participants are Early Career Scientists? If you are one, check our board of specials below!



- ECS Meeting Corner at the Opening Reception (Foyer E)
- ECS Lounge, near Foyer C on 2nd Floor (Red Level)
- Meet EGU's ECS Representative, Tue, 09:15–10:30 (EGU Booth)
- ECS and Medallist Reception, Tue, 19:00–20:30 (F2)
- EGU ECS Forum, Wed, 12:15–13:15 (Room L1)
- Outstanding Poster and Pico (OSPP) Award

Want to know what else there is for ECS at the General Assembly? Visit www.egu.eu/ecs/at-the-assembly

BG Early Career Scientists Representative



Dr. Pierre-Antoine Dessandier

Postdoktorate

NTF/IG - Center for Arctic Gas
Hydrate, Environment and
Climate

BG BLOG

<http://blogs.egu.eu/divisions/bg/>



ABOUT

Welcome to the blog of the Biogeosciences (BG) Division of the European Geosciences Union (EGU). Here, you will find mainly early career scientists bloggers writing about the latest research on all aspects of the interaction between life and the geo-, hydro-, and atmosphere. The blog is run with great enthusiasm by **Jasper Bloemen**. If you want to contribute to this blog, please get in touch with the editor, **Jasper Bloemen (Jasper.Bloemen@uibk.ac.at)**.

SUGGESTIONS FOR EGU 2018

General Assembly 2017

- » The 2017 program will be remained the same from the current "skeleton program". However, you can still:
 - Suggest 5-6 general scientific directions that can “accommodate” a wide range of sub-divisions.
 - New sessions and existing sessions - confirm/cancel.
 - Motivate young scientists to convene.
 - Involvement of scientists working for industry – bring together.
- » Topical conferences/meetings (200 people max) - **EGU Galileo conferences**.
- » Suggestions can be made from **NOW to about July 2017**:
 - Tentative session title.
 - Aim of the session.
 - Name and email address of convener(s).

- » Call for sessions mid-June/July
- » Programmed finalized in September 2017
- » Call for abstracts in Oct 2017–10 Jan 2018
- » Support application: Oct–01 Dec 2017

BG PUBLICATIONS

Publications..... Jürgen Kesselmeier

OUTSTANDING EDITOR AWARD



Dr. Jürgen Kesselmeier

Jürgen was nominated by the
Coi-editors-in-Chief as an
outstanding editor of
Biogeosciences for the Year
2016

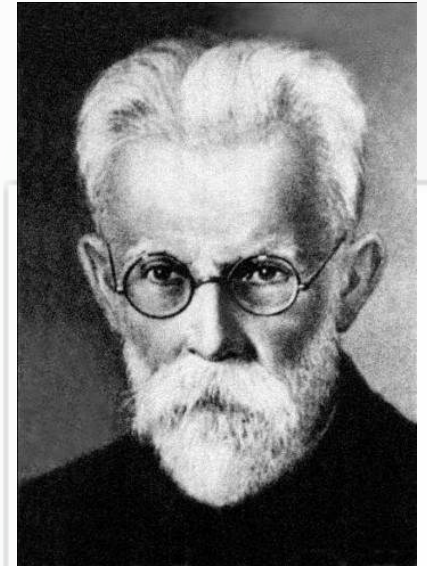
OUTSTANDING EDITOR AWARD



Prof. Dr. Yakov Kuzyakov

Yakov was nominated by the Coi-editors-in-Chief as an outstanding editor of Biogeosciences for the Year 2016

VLADIMIR IVANOVICH VERNADSKY MEDAL



Prof. Dr. Jack Middelburg

For Jack's seminal contributions to biogeosciences, linking macrofaunal ecology and biogeochemical processes.

BG Division Outstanding Young Scientist Award



Michaela A. Dippold

Michaela's original research involves the use of position specific labeling of organic molecules to understand their turnover and fate in soil. This approach infers microbial use and transformation of organic molecules and their contribution to C stabilisation is a big step forward towards the quantitative understanding of processes controlling soil C turnover.

for Michaela's outstanding research in the field of terrestrial biogeosciences. The originality of her research is the use of position specific labeling of organic molecules to understand their turnover and fate in soil.

BG Division Outstanding Student Poster and PICO (OSPP) Award

- 1. Michael O'Sullivan**
- 2. Va Khin Lau**
- 3. Olga Makarieva**
- 4. Maire Holz**

AOB