

# Ocean Sciences Division Meeting 2019

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Karen Heywood

Vienna | April 2019



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Meetings | Publications | Outreach | [www.egu.eu](http://www.egu.eu)

# Ocean Sciences Division Meeting 2018

## Agenda

1. **Introduction – EGU OS Division**
2. **Outstanding Student Poster and PICO competition**
3. **Outstanding Early Career Scientist Award**
4. **Fridtjof Nansen Medal**
5. **Ocean Science journal**
6. **EGU General Assembly : past, present and future**
7. **Discussion and feedback**

### President : Karen Heywood

- until April 2021
- elections for Deputy President in Autumn 2019
  - *to start April 2020 for a year shadowing*
  - *will take over as president in April 2021.*

### Deputy president : Johan van der Molen



## ***OS Division Officers:***

OS1 Ocean General Circulation and Climate

Marcus Dengler

OS2 Coastal Oceans, Semi-enclosed and Marginal Seas

Sandro Carniel

OS3 Ocean Biogeochemistry and Biology

Bill Austin

OS4 Global processes and oceanographic techniques

Aida Alvera Azcarate

ECS Rep

Gwyn Evans



# Early Career Scientists

We need you to get involved in OS!

- Volunteer as a convenor or co-convenor
- Organise events (scientific, career-development or social) or short courses
- Suggest ways that we can help you
- Join our OS ECS committee!
- Contact Gwyn at [dafydd.evans@noc.soton.ac.uk](mailto:dafydd.evans@noc.soton.ac.uk) or [ecs-os@egu.eu](mailto:ecs-os@egu.eu)
- Join the ECS-OS mailing list [os-ecs@lists.egu.eu](mailto:os-ecs@lists.egu.eu) at the OS website [www.egu.eu/os](http://www.egu.eu/os)
- See <http://www.egu.eu/ecs/> for more ECS info

## Winners of Outstanding Student Poster and PICO (OSPP) Award from EGU 2018 (out of 56 entrants)

**Carine van der  
Boog**

Delft University of  
Technology

Poster

*Mechanisms  
Affecting the Life  
Cycle of  
Anticyclonic Eddies  
in the Caribbean  
Sea*



**Félix Margirier**  
Sorbonne  
University, Paris

PICO

*The next Deep  
Waters formed in  
the Northwestern  
Mediterranean Sea  
will be warmer and  
saltier than ever!*

*Thank you to our OSPP coordinator Aida Alvera Azcarate!*

## Selection procedure

- During abstract submission, indicate (i) participation in OSPP and/or (ii) availability as poster/PICO judge
- Conveners must allocate 3 poster judges per poster/PICO
- Evaluations online at EGU OSPP judge app
- OS Division select the winning poster(s) or PICO(s)
- **There must be at least two reviews to evaluate the poster/PICO!!!**
- **71 entrants this year (guideline 1 award per 30 entrants)**

## Prize for the winners

- invitation to EGU GA in 2020 (no registration fees)
- publication of related paper in EGU journal is free of charge

## OS Division Outstanding Early Career Scientist Award

**2019 Winner: Peter Landschützer**  
MPI Hamburg



The 2019 Division Outstanding Early Career Scientist Award is awarded to Peter Landschützer for *outstanding and game-changing contributions to the quantification of the evolving ocean carbon sink, its variation and its drivers.*

Award lecture is Thursday afternoon in session OS3.1!



## OS Division Outstanding Early Career Scientist Award

Objective: to recognize a early career scientist for their achievements in Ocean Sciences

Nomination: No Self Nomination. Submit nomination to EGU before **June 15<sup>th</sup>** including:

- Nomination letter (1/2 page)
- CV (1 page)
- Selected bibliography (1/2 page)

Selection: Winner selected by OS Division officers

# Fridtjof Nansen Medal

## 2019 Medalist: Anne Marie Tréguier

Laboratoire d'Océanographie Physique et Spatiale,  
CNRS-IFREMER-IRD-UBO, IUEM, Plouzane, France



The 2018 Fridtjof Nansen Medal is awarded to Anne Marie Tréguier for leading contributions to the numerical modelling of the eddying ocean from the global to the regional scale, and for crucially advancing the understanding of the influence of mesoscale eddies.

Medal lecture was on Monday

[www.egu.eu/os](http://www.egu.eu/os)

# Thank you to the Nansen Medal Committee!

Jochem Marotzke (Chair; MPI, Hamburg, Germany)

Monika Rhein (Bremen, Germany)

John M. Huthnance (NOC Liverpool, UK)

Marilaure Gregoire (University of Liege, Belgium)

Steve Griffies (GFDL, USA)

*Suggested replacement for your approval*

Anne Marie Tréguier (Laboratoire d'Océanographie Physique et Spatiale, CNRS-IFREMER-IRD-UBO, IUEM, France)

# Fridtjof Nansen Medal

## Call for nominations for the 2020 medalist:

Medals programme recognises eminent scientists for their outstanding research contribution in ocean sciences, and identifies the awardees as role models for the next generation of early career scientists.

For the awardees: to act as global ambassadors for the European Geosciences Union

Nominations are to be submitted online before June 15th each year at <https://www.egu.eu/user-area/nominations/form/>

No self nomination, do not nominate Medal Committee Members or OS President

**→ look at the EGU Website, item **Awards & Medals** and sub-item **Proposal & Selection of Candidates****

## Georg Wüst prize will be awarded to Hans Burchard today!

The German Society for Marine Research (Deutsche Gesellschaft für Meeresforschung, DGM) awards the Georg Wüst Prize every two years to a person who has made a significant contribution to ocean research.

The prize is supported by the Springer journal Ocean Dynamics.

Wednesday, 10th April 2019

Room N2

Chairperson: J.-O. Wolff

19:00–20:00

Hans Burchard

Leibniz Institute for Baltic Sea Research, Physical Oceanography, Rostock,  
Germany

[The Baltic Sea – a challenging numerical laboratory for ocean mixing studies](#)

# ***Ocean Science Journal***

EGU “family”, Open Access  
(including Discussion/review stage)

***John Huthnance (Chief Editor)***

Editors

2018 statistics (cf 2017, 2016)

Special Issues

Discussion items

# Editors

## New Executive Editors:

Anne Marie Treguier, Trevor McDougall  
Bill Jenkins and Eric Delhez to retire end 2019

*Want to appoint another then – suggestions?*

## Topic editors

*More needed – Suggestions and volunteers welcome*

# Statistics

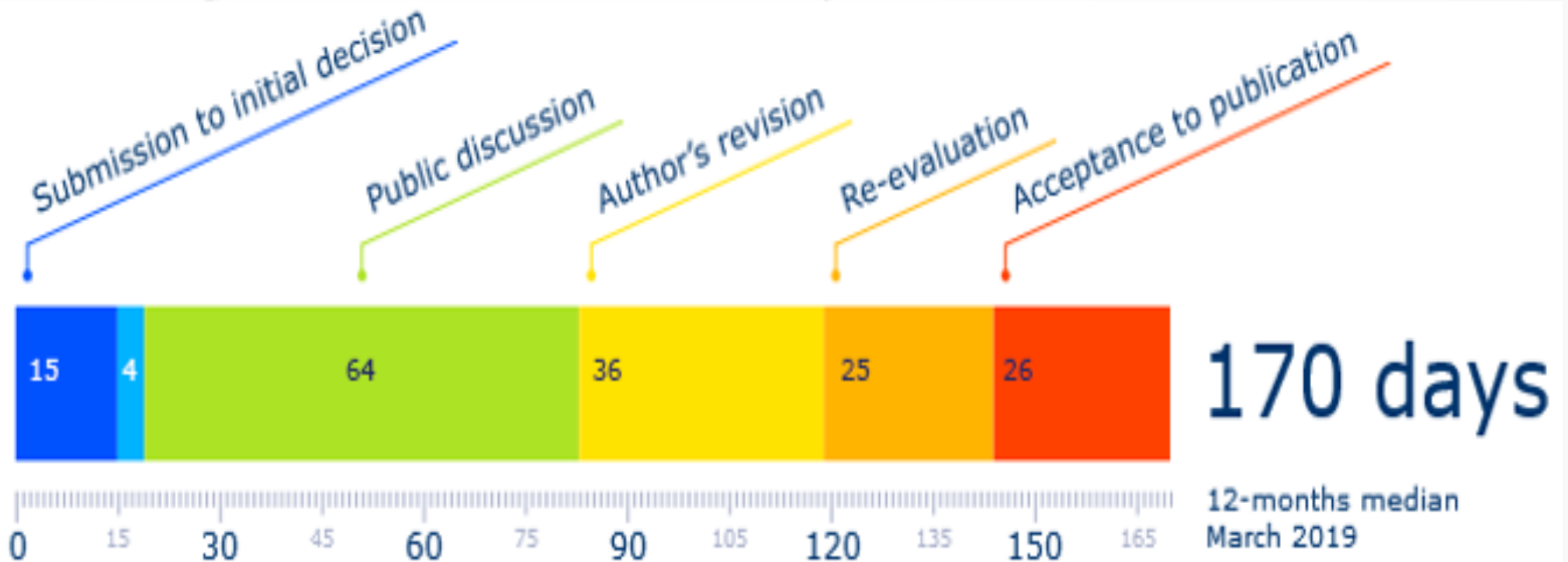
|                  | OSD         | OS         |
|------------------|-------------|------------|
| Submissions 2018 | 166         | 107        |
| Submissions 2017 | 104         | 90         |
| Submissions 2016 | 102         | 93         |
| Acceptances 2018 | 113 (85.6%) | 95 (91.3%) |
| Acceptances 2017 | 93 (95.9%)  | 75 (87.2%) |
| Acceptances 2016 | 69 (90.8%)  | 79 (86.8%) |

2018 had many submissions for Special Issues  
but also record for regular submissions

Large majority accepted after revisions



# Statistics



**Fast compared with most journals, depends on authors!**

**Impact factor 2017: 2.289**, (2016: 2.821 / 2015: 2.985 / 2014: 2.232 / 2013: 1.962 / 2012: 2.192 / 2011: 2.293)

**APCs/page charges: €77(Latex) or €93 (Word) / page**

# Special Issues

Suggestions welcome, but we have several:

## 2019

Ocean deoxygenation: drivers and consequences – past, present and future (*BG/CP/OS inter-journal*)

## 2018

Coastal marine infrastructure in support of monitoring, science, and policy strategies

Coastal modelling and uncertainties based on CMEMS products

Developments in the science and history of tides (*OS/ACP/HGSS/NPG/SE inter-journal*)

Shipping and the Environment – From Regional to Global Perspectives (*ACP/OS inter-journal*)

The Copernicus Marine Environment Monitoring Service (CMEMS): scientific advances

## **EGU *Encyclopedia of Geosciences*:**

“front end” to regular EGU journal articles, especially reviews  
*OS needs “champion(s)”*

**Please anyway consider OS for your papers**

Process is fast, efficient; APCs relatively small

The trend is to open access publishing like this

Short Course on Open publishing, Friday 10.45, R2.16

<https://www.ocean-science.net/>

**jmh@noc.ac.uk**

## GA 2019 statistics (as of 5 April 2019, 16:48)

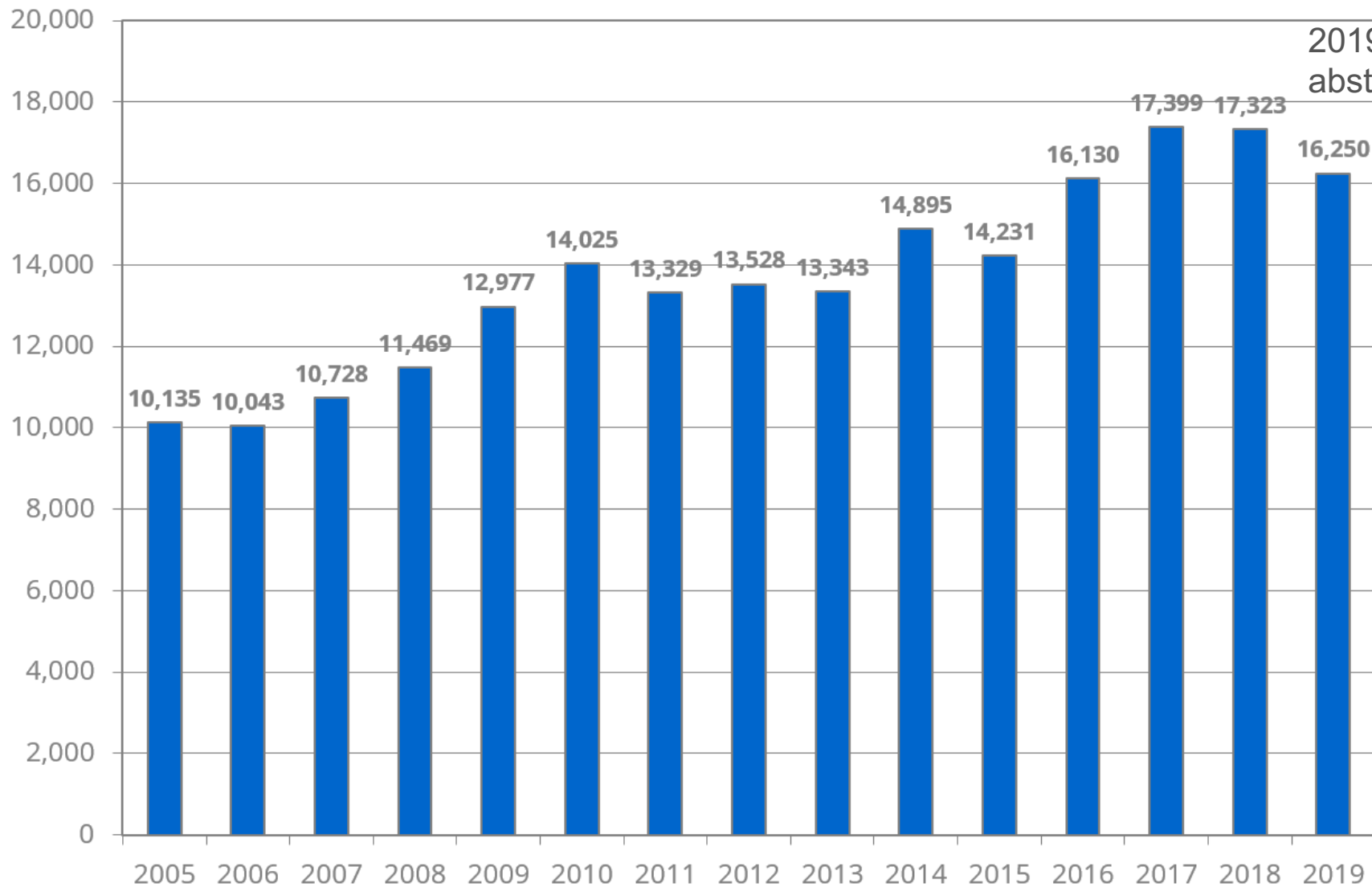
- 16,250 abstracts in programme | -6.2% relative to 2018
- (16,922 active abstracts 29 Jan 2019)
- 5,531 orals | 9,432 posters | 1,287 PICOs | ratio 34 / 58 / 8
- 14,283 registrations in advance | +12.17%
- 683 unique scientific sessions | 87 short courses | 338 side events\* (total 1108)
- 508 out of 683 scientific sessions are co-organized (74.4%), thereof 24 ITS
- Original sessions 1471; 1108 still active, 363 withdrawn

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

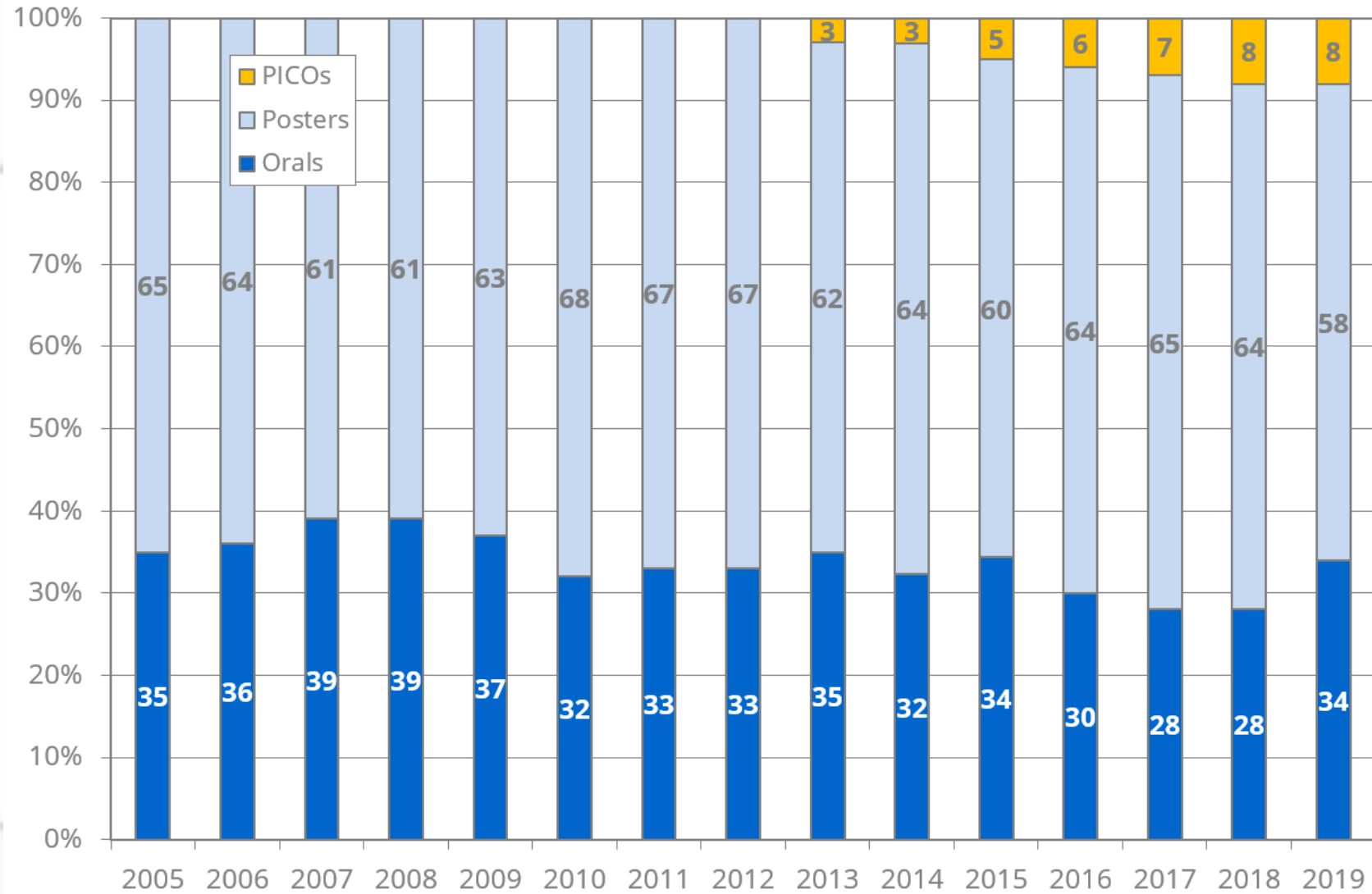
# Abstracts in programme 2005 – 2019

2018 withdrawal of no-show abstracts

2019 one first-author abstract rule

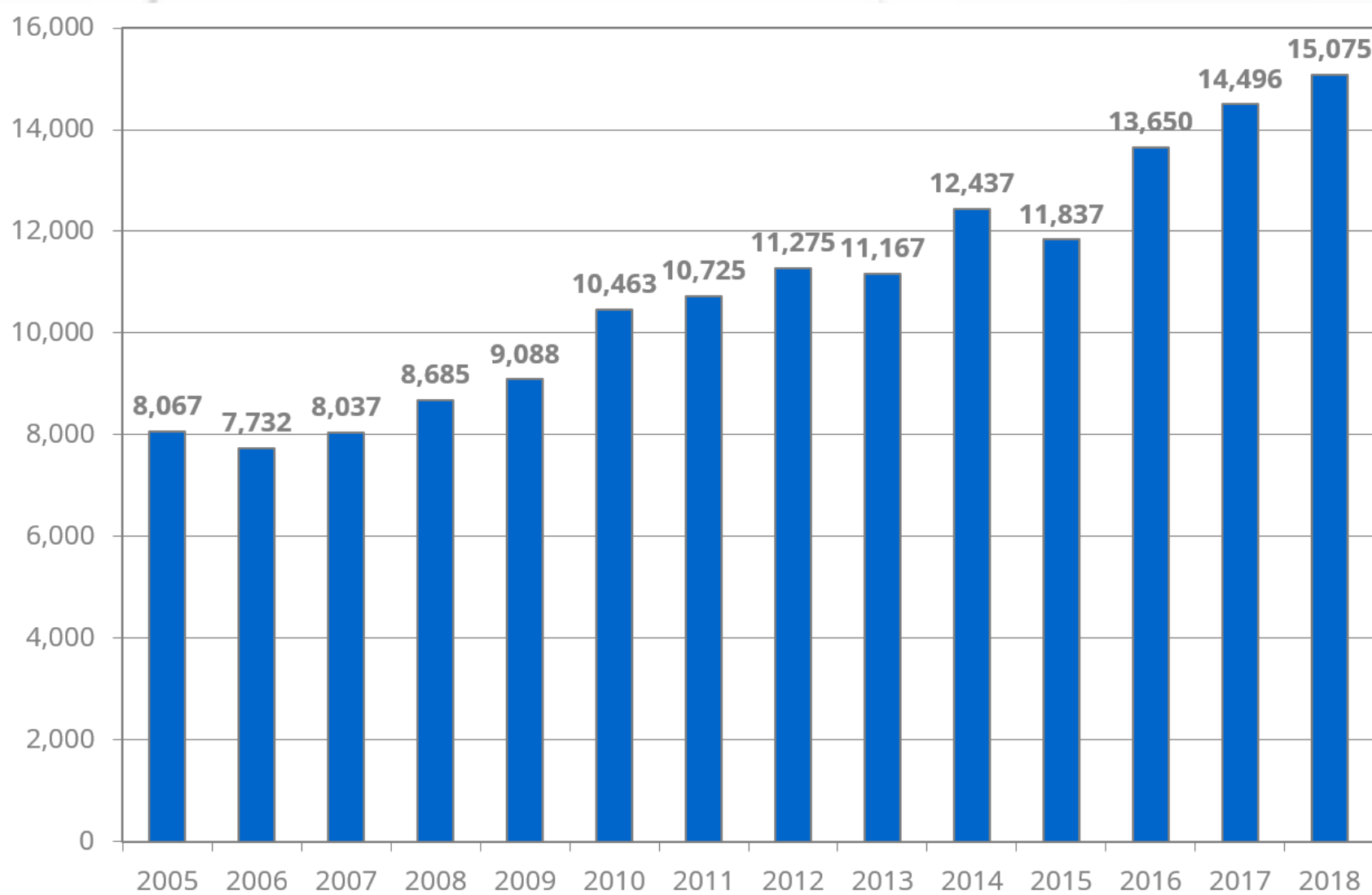


## Presentation ratio 2005 – 2019



## Participation 2005 – 2018

**15212 in 2019  
from 117  
countries!**



## An accessible General Assembly

- Free child care, kids fun area
- Breastfeeding room (yellow level)
- Four quiet rooms (brown level)
- Multi-faith prayer rooms (yellow level)
- The ACV is fully accessible by wheelchair
- Poster halls have chairs available for people to sit down if needed
- Steps to help presenters hang up their posters
- Each PICO spot has a lower screen for increased accessibility
- In lecture hall, please use the screen's cursor where possible
- Please repeat questions as not everyone will have heard the question
- What can we do better? Please e-mail [programme.committee@egu.eu](mailto:programme.committee@egu.eu)



- All participants at EGU's General Assembly are expected to follow the rules of conduct, [https://egu2019.eu/about\\_and\\_support/rules\\_of\\_conduct.html](https://egu2019.eu/about_and_support/rules_of_conduct.html)
- Should you observe violations against these rules please contact **the designated trusted person** at the EGU Information (during the General Assembly) and/or send an email to [conduct@egu.eu](mailto:conduct@egu.eu).
- Violations to the rules of conduct will be taken seriously and appropriate actions will be taken where necessary.

## A greener General Assembly?

The EGU and Copernicus are working towards minimising the GA's carbon footprint. We need everyone's help!

- Come by train when possible. SBB offers a discount for GA participants
- Offset CO2 emissions from your travel. On-site terminal in entrance hall
- EGU Today online only
- No programme book
- Carpeting in poster halls X only (required for noise reduction)
- Water fountains (no single use bottles) – bring your own water bottle
- Bring your own coffee cup

Townhall meeting 'The carbon footprint of EGU's General Assembly',  
Thursday, 19:00 – 20:00, room -2.47



*Thanks to all conveners for their great job and to everyone for interaction!*

9 Early Career Scientist Travel Awards for OS scientists and 1 Established Scientist Travel Award (8 in 2018)

### **OS in total**

1986 abstracts submitted, 1892 current, in 84 sessions  
(1629/46 in 2017; 1314/53 in 2018)

710 Orals (38%); 1086 Posters (57%); 96 PICOs (5%)

### **OS led**

676 abstracts in 27 sessions (726/19 in 2017; 577/20 in 2018)

244 Orals (36%); 377 Posters (56%); 55 PICOs (8%)

49% of OS abstracts from Early Career Scientists

- Public call for Great Debates and Union sessions 24<sup>th</sup> June – 15<sup>th</sup> August
- Public call for sessions and short courses 24<sup>th</sup> June – 5<sup>th</sup> September

*No carry over of existing sessions!*

We need you to propose sessions and volunteer to convene!

- Abstract submission 15<sup>th</sup> October – 15<sup>th</sup> January
- Travel support for early career scientists and established scientists from disadvantaged countries deadline 1<sup>st</sup> December
- Do consider proposing PICO sessions  
(OS had 0 in 2016; 1 in 2017; 3 in 2018; 4 in 2019)

## Thank you for attending the Ocean Science Division Meeting!

- Join the OS mailing list at [www.egu.eu/os](http://www.egu.eu/os) to receive updates
- Use the EGU/OS web site to advertise Conferences, Summer Schools: [www.egu.eu/os/meetings](http://www.egu.eu/os/meetings) or jobs [www.egu.eu/jobs](http://www.egu.eu/jobs)
- Follow OS on twitter @EGU\_Ocean
- Facebook EGUosDivision
- Get involved!
- Feedback? e.g. rooms too small....
- Send more feedback or ideas to [os@egu.eu](mailto:os@egu.eu)
- Please fill in the EGU feedback questionnaires

