

Ocean Sciences (Virtual) Division Meeting 2020

Karen Heywood

EGU Ocean Sciences President

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Ocean Sciences Division Meeting 2020

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. EGU Governance Review**

President : Karen Heywood

- until April 2021



Deputy president (& President-Elect) : Johan van der Molen

- elected in Autumn 2019
- congratulations and thank you Johan!
 - *starting May 2020 for a year shadowing*
 - *will take over as president in April 2021.*



OS Division organisation

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 rotating off – need a volunteer replacement please?!

OS4 Global processes and oceanographic techniques
Aida Alvera Azcarate

ECS Rep

Gwyn Evans rotating off - thank you Gwyn!
we welcome Meriel Bittner as our new ECS rep!



Meriel Bittner

- PhD student at the Marine Biological Section of the University of Copenhagen
 - Vitamins in the ocean
- MSc in Ecology and Ecosystems from the University of Vienna
 - Deep sea carbon cycling by microbes
- Research Focus
 - Marine Biogeochemical Cycles
 - Biological Oceanography



- Increase visibility of OS
- OS blog
- Social media
- Encourage networking among ECS at OS

Reach out:
ecs-os@egu.eu
@merielj3

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 Meriel at ecs-os@egu.eu
- Join the ECS-OS mailing list os-ecs@lists.egu.eu at the OS website www.egu.eu/os
- See <http://www.egu.eu/ecs/> for more ECS info

Early Career Scientists

This week during Sharing Geoscience Online (EGU2020) Gwyn and Meriel are hosting a virtual Early Career Scientists networking event together with the SSP Division.

You can join via Zoom next Thursday May 7th 2020 at 19.00 CET by clicking on:

<https://ucph-ku.zoom.us/my/egu20.os.ssp.ecs>

More information about the event can be found on the Sharing Geoscience Online programme here:

<https://meetingorganizer.copernicus.org/EGU2020/session/38619>

Looking forward to seeing you all there!

The OS division ECS team: Gwyn Evans and Meriel Bittner

OS Blog launch soon!

- News: division news
- OS Research: blog post to a recent article from the *Ocean Science* Journal
- Behind the research: field work stories etc.
- OceanTalk: interviews with scientists
 - we already interviewed this year's OS medalists

Looking for blog team members

- If you want to write an article about your research or any other kind of blog post, please get in touch
- Contact Meriel at ecs-os@egu.eu

Winners of Ocean Sciences Division 2019 Outstanding Student Poster and PICO (OSPP) Award

Thank you to our OSPP coordinator Aida Alvera Azcarate!

Audrey Delpech

for the PICO
entitled:

*Mid-depth
circulation in the
tropical Pacific
Ocean*



**Verónica Morales-
Márquez**

for the poster entitled:

*Relationship of extreme
wave climate with long-
term patterns in the
North Atlantic Ocean
and Mediterranean Sea*

Prize for the winners

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

OS Division Outstanding Early Career Scientist Award

2020 Winner: Frédéric Le Moigne (Mediterranean Institute of Oceanography, France)

for outstanding research in ocean biogeochemistry, particularly the vertical exchanges of organic carbon between the surface and the ocean's interior: the biological carbon pump.



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

Nomination: No Self Nomination. Submit nomination to EGU before **June 15th** including:

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

Selection: Winner selected by OS Division officers

Fridtjof Nansen Medal

2020 Medalist: Richard Greatbatch

The 2020 Fridtjof Nansen Medal is awarded to Richard Greatbatch (GEOMAR) for pioneering contributions to geophysical fluid dynamics and theoretical oceanography, especially mesoscale eddy parameterisations.

Medal lecture will be given at EGU2021 when the 2021 medalist will also give their lecture!

www.egu.eu/os



Thank you to the Nansen Medal Committee!

Jochem Marotzke (**Chair**; MPI, Hamburg, Germany) (rotating off)

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

John M. Huthnance (NOC Liverpool, UK)

Marilaure Gregoire (University of Liege, Belgium)

Steve Griffies (**taking over as Chair**, GFDL, USA)

Suggested replacement for Jochem your approval:

Jan Zika (UNSW, Australia) (2018 winner of the OS Division Outstanding Early Career Scientist award).

Fridtjof Nansen Medal

Call for nominations for the 2021 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**

Ocean Science Journal

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

» ***John Huthnance*** (*chief Executive Editor*)

(i) Editors

(ii) 2019 statistics (cf 2018, 2017)

(iii) Special Issues

Editors

- » **Executive Editors:**

- » **Anne Marie Treguier, Trevor McDougall, John Huthnance**

- » ***We should probably appoint another – suggestions?
(balance disciplines, geography, gender !!)***

- » **Topic editors**

- » ***Suggestions welcome***

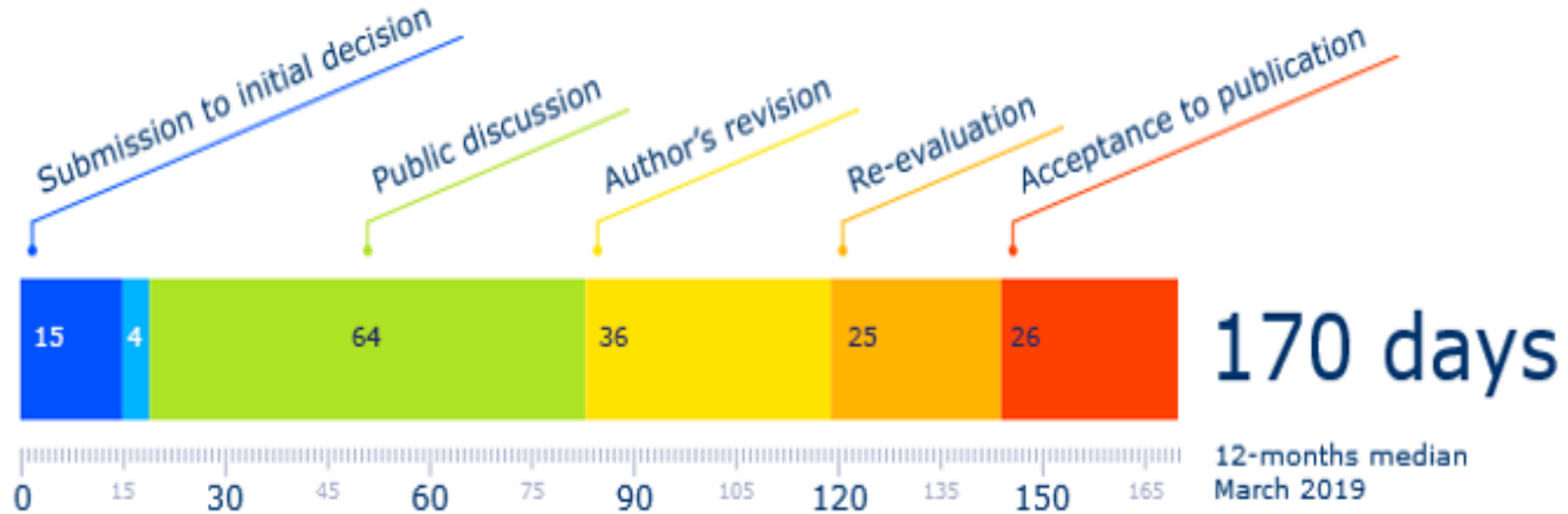
Statistics

	OSD	OS
Submissions 2019	134	138
Submissions 2018	166	107
Submissions 2017	104	90
Acceptances 2019	117 (90.7%)	124 (93.9%)
Acceptances 2018	113 (85.6%)	95 (91.3%)
Acceptances 2017	93 (95.9%)	75 (87.2%)

**2018 had many submissions for Special Issues
many feeding through to 2019 acceptances**

Large majority accepted after revisions

Statistics



Fast compared with most journals, depends on authors!

Impact factor 2018: 2.539, (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; presently open are:

2020

Advances in interdisciplinary studies at multiple scales in the Mediterranean Sea

2019

Marine organic matter: from biological production in the ocean to organic aerosol particles and marine clouds (ACP/OS)

Understanding the Indian Ocean system: past, present and future (BG/ACP/OS/SE),

2018

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

Developments in the science and history of tides (OS/ACP/HGSS/NPG/SE).

Hydrological cycle in the Mediterranean (ACP/AMT/GMD/HESS/NHESS/OS)

Please anyway consider OS for your papers

Process is fast, efficient; APCs relatively small

The trend is to open access publishing like this

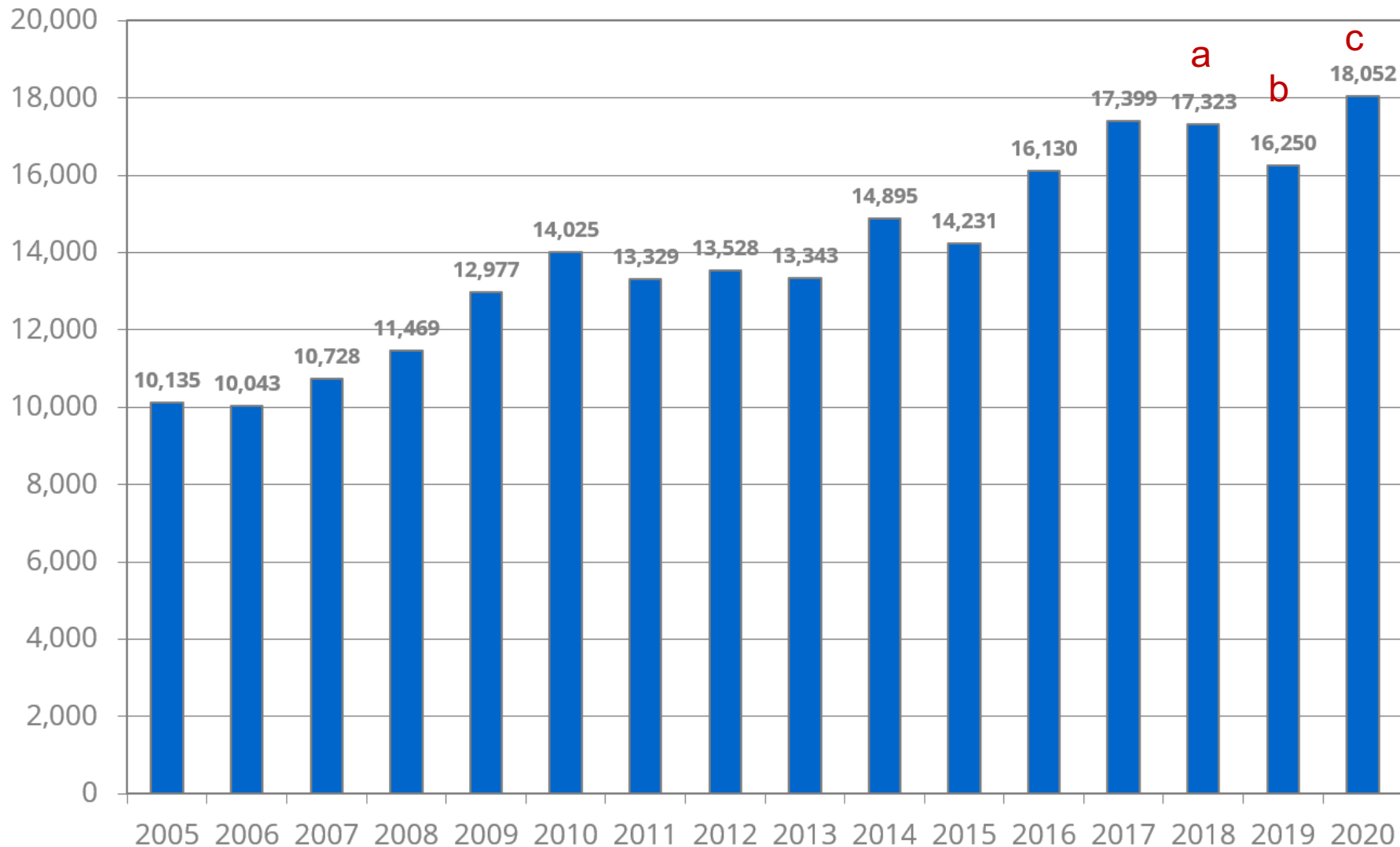
<https://www.ocean-science.net/>

jmh@noc.ac.uk

GA2020 statistics (as of 27 April 2020, 08:30)

- 18,052 abstracts in programme | +11.1% relative to 2019
- 702 unique scientific sessions
- 440 out of 702 scientific sessions are co-organized (62.7%), thereof 37 ITS
- 6/88 short courses online
- 1,135 presentation materials uploaded
- 82 comments to uploaded presentation materials received

Abstracts in programme 2005 – 2020



- a) 2018: withdrawal of no-show abstracts
- b) 2019: one first-author abstract rule
- c) 2020: Physical GA cancelled 19 March; part of the GA brought online

Sharing Geoscience Online: New concept

- Online? Yes! Because it is EGU's responsibility to help minimise the impact of COVID-19 on scientific research and collaboration
- Pilot experiment (we would like feedback!)
- Free registration
- Our considerations:
 - Science submitted to the General Assembly 2020 can be presented and shared
 - All authors and conveners can participate, across different time zones
 - Sharing Geoscience Online is accessible (in terms of bandwidth, for anyone with hearing or visual difficulties)
 - The concept works for all presentation types: oral, poster and PICO

Sharing Geoscience Online in a nutshell

Our concept of Sharing Geoscience allows:

- Authors to upload presentation materials and receive feedback on those from 1 April to 31 May 2020)
- Conveners, authors and attendees to discuss abstracts, presentation materials and open questions during a live, text-based chat (4 – 8 May)
- Everyone to participate in Union Symposia, Great Debates, Short Courses, Networking, Division Meetings, #shareEGUart, Photo Competition and more
- EGU to gather experience with online activities and use these in plans for reducing the environmental impact of the General Assembly

Sharing Geoscience Online: New concept in very short time

- 16 March: Start developing concept for online activities
- 19 March: Cancelled physical General Assembly
- 23 March: First Sharing Geoscience Online webpages
- 31 March: All presentations turned to displays, rescheduled sessions to blocks of 30 displays
- 1 April: Open for upload of presentation materials and commenting
- 1 April: First FAQ page live
- 6 April: Webinar
- 8 April: SC plan
- 16 April: Open for upload of session materials
- 16 April: Division Meetings scheduled
- 21 April: 'how-to-use-the chat' pages
- Last week: Chat video and test chat channels per programme group

Code of Conduct

- Participation in EGU2020: Sharing Geoscience Online implies agreement to EGU's Code of Conduct, <https://www.egu.eu/about/code-of-conduct/>
- The Code of Conduct is flagged when uploading materials, when commenting, when entering the chat
- Violations or concerns to be reported to conduct@egu.eu

GA activities we started

- Green EGU: https://egu2020.eu/about_and_support/green_egu.html:
but we are very green this year!
- Accessibility and Inclusiveness:
https://egu2020.eu/about_and_support/accessibility_and_inclusiveness.html

GA 2021 timeline (working version)

1 – 19 Jun 2020	Sub-programme structure (call-for-skeleton)
24 Jun – 15 Aug 2020	Public call for GDB and US
24 Jun – 11 Sep 2020	Public call-for-sessions, incl SC
16 Sep – 14 Oct 2020	Session programme finalization
14 Oct 2020 - not fixed	PC Meeting (online)
1 Dec 2020	Support application deadline
13 Jan 2021	Abstract submission deadline

2020 EGU General Assembly

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

OS in total

2052 abstracts submitted, 1989 current, in 77 sessions
(1629/46 in 2017; 1314/53 in 2018; 1892/84 in 2019)

OS led

732 abstracts in 26 sessions (726/19 in 2017; 577/20 in 2018; 676/27 in 2019)

49% of OS abstracts from Early Career Scientists (49% in 2019)

2020/21 EGU Governance Review

Governance Review Panel:

Toby Rhodes (Independent Chair)

Ulrich Pöschl (Publications Committee Member, AS)

Raffaele Albano (outgoing ECS Representative, NH)

Susanne Buiter (outgoing Programme Committee Chair, TS)

Claudia Jesus Rydin (Chair, Equalities & Diversity Working Group)

Katja Fennel (Chair, Publications Committee, BG, OS)

Helen Graves (outgoing Division President, ESSI)

Dan Parsons (Division President, GM)

Giuliana Panieri (outgoing Division President, BG)

Chris King (Chair of Education Committee)

Philippe Courtial (EGU Executive Secretary)

Email: governancereview@egu.eu



EGU2020: Sharing Geoscience Online | May 2020

Meetings | Publications | Outreach | www.egu.eu

A governance review is an opportunity for the EGU to reflect on its governance arrangements in order to best serve the current and future needs of the organisation, the members, the scientific community and global concerns.

In particular, the governance review will:

- determine whether the governance processes and structures of the EGU are fit for purpose
- make recommendations for any changes to better serve the current and future needs of the EGU and its members

Objectives of the EGU Governance Review

To review the governance processes and structures of the EGU, and make recommendations for any changes to enable the organisation:

- to best deliver its [Mission and Vision](#)
- to best serve the current and future needs of the organisation and its members;
- to ensure EGU structures deliver appropriate scientific and professional diversity and representation amongst EGU committees and boards

Terms of Reference: The full EGU Governance Review Terms of Reference [is available to download here](#)

EGU Governance Review Scope: *Timescales & Contact*

Timescales

- The Governance panel will convene in late May 2020, and conduct their review over the following 9-12 months.
- The Governance Review will produce an interim report to the EGU Council in October 2020, and a final report with recommendations in January 2021.
- The Governance Review will report to EGU members at the 2021 EGU General Assembly. If any changes to EGU governance require EGU Members to vote, this will take place at the EGU General Assembly.
- Implementation of any agreed governance changes will take place following the 2021 EGU general assembly

Virtual Data Help Desk EGU 2020

4–8 May 2020

- Engage with Data Experts
- Learn Skills and Techniques
- Make your Data Open and FAIR



Ask questions through twitter via **#DataHelpDesk**



View short tutorials and demos. Details: bit.ly/DataHelpEGU20



A program of EGU, AGU, ESIP,
EarthCube, and their partners.



Thank you for participating in the Ocean Science Division Meeting!

- Join the OS mailing list at www.egu.eu/os to receive updates
- Use the EGU/OS web site to advertise Conferences, Summer Schools: www.egu.eu/os/meetings or jobs www.egu.eu/jobs
- Follow OS on twitter @EGU_Ocean
- Facebook EGUosDivision
- Get involved!
- Please fill in the EGU feedback questionnaire at <https://survey.zohopublic.eu/zs/K4B8dx>