

EGU | April 2023

Ocean Sciences Division Meeting 2023

Johan van der Molen
EGU Ocean Sciences President
os@egu.eu



Meetings | Publications | Outreach | www.egu.eu

Agenda

1. EGU OS Division – people and activities
2. Outstanding Student and PhD candidate Presentation (OSPP) competition
3. Outstanding Early Career Scientist Award
4. Fridtjof Nansen Medal
5. Ocean Science journal: Overview and **Awards**
6. EGU General Assembly this year and next

Special welcome if this is your first EGU or first Division Meeting! Don't be shy to ask questions 😊

President and Programme Committee Chair : Johan van der Molen

- Elected in Autumn 2019
- President since April 2021
- 2 year term as president, renewable once
- Re-elected autumn 2021
- **Elections for next president November 2023, call for candidates in summer**
 - **Self nomination!**
 - **Contact me for questions!**
- President Elect will become Deputy President at GA 2024
- Hand-over GA 2025



OS Division Officers:

OS1 Ocean General Circulation and Climate
Marcus Dengler (*rotating off*)

OS2 Coastal Oceans, Semi-enclosed and Marginal Seas
Sandro Carniel (Deputy President)

OS3 Ocean Biogeochemistry and Biology
Peter Landschützer

OS4 Global processes and oceanographic techniques
Aida Alvera Azcarate

ECS Rep
Antonio Ricchi, Sudheesh Valliyodan

OSPP Coordinator
Marilena Oltmanns (*rotating off*)



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OS1 Ocean General Circulation and Climate

Joke Lübbecke

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Sudheesh Valliyodan

Antonio Ricchi

OSPP Coordinator

Kristin Burmeister



Early Career Scientists

We need you to get involved in OS!

- Volunteer as a convener or co-convener
- Organise events (scientific, career-development or social) or short courses
- Get involved in ECS working groups: work-life balance or jobs & careers
- Suggest ways in which we can help you
- Join our OS ECS committee! (blog, social media)
- Contact Sudheesh and Antonio 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

OS on social media

 Twitter @EGU_Ocean

 Facebook @EGUosDivision

- Follow us on social media to stay updated
- Direct message accounts if you want the OS accounts to retweet/repost
- Tag OS account and use our hashtag



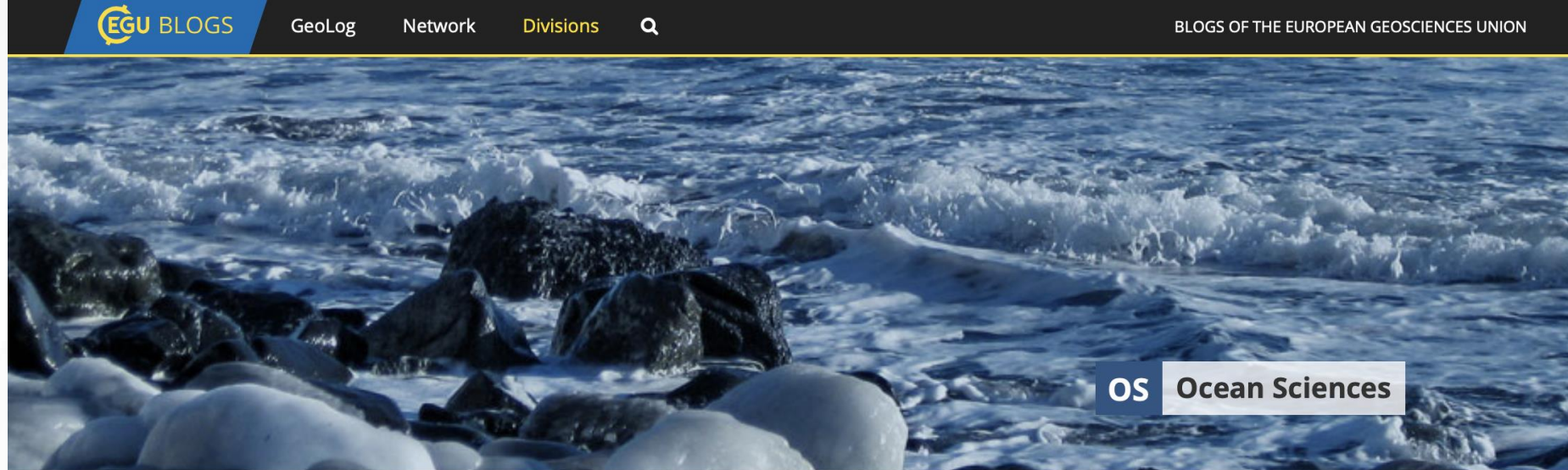
Linked-in



Meriel Bittner
UCPH

Looking for new team members

- Could you write an article about your research or any other kind of blog post?



[EGU Blogs](#) » [Divisions](#) » [Ocean Sciences](#)

Ocean Sciences

Subscribe to the blog!



Outstanding Student and PhD candidate Presentation (OSPP) award

- **2022 OSPP winners: Congratulations to:**
- **Alexandre Barboni**,
What can we learn from eddy-induced signatures on sea surface temperature?
- **Manal Hamdeno**,
Spatio-temporal Variability of the Marine Heatwaves in the Mediterranean Sea over 39 years, and their Possible Physical Drivers
- **Mia Sophie Specht**,
Influence of Subsurface Tropical Instability Waves on Ocean Temperatures in the Tropical Atlantic

Prize for the OSPP winners

- invitation to the next in-person EGU GA (registration fee waiver)
- publication of related paper in an EGU journal free of charge



OS stats 2023:
75 OSPP applications
>130 judges
THANK YOU!

- 2023 OSPP evaluation system has changed again!
- **Identify one convener responsible for OSPP in your session!**
- **Nominate at least three (up to five) judges per OSPP presentation prior to EGU23!**
- Everyone with a PhD can be a judge unless they are a co-author or differently biased
- Evaluation is on the presentation, unless judge can't be present
- The evaluation criteria are as follows:
 - Scientific content*
 - Presentation technique*
 - Overall impression*
- Evaluation forms available from 23 April to 14 May 2023
- 15 May – 30 June 2023 award selection

More info here:



2023 Winner: Florian Börgel
(Leibniz-Institut for Baltic Sea Research Warnemünde)

The 2023 Division Outstanding Early Career Scientist Award is awarded to Florian Börgel for outstanding research in the field of long-term climate variability influence on regional seas.



Objective: to recognise an early career scientist for their achievements in Ocean Sciences

Nomination: No Self Nomination.

Please submit nominations to EGU before 15th June including:

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

Selection: Winner selected by OS Division officers

Fridtjof Nansen Medal

2023 Medallist: Alberto Naveira Garabato

The 2023 Fridtjof Nansen medal is awarded to Alberto Naveira Garabato (University of Southampton) for groundbreaking and pioneering research characterised by extraordinary insight and innovation that mechanistically revealed previously unseen key aspects of ocean mixing and ocean circulation.



Thank you to the Nansen Medal Committee!

Steve Griffies (**Chair**; GFDL, USA , **rotating off**) Fridtjof Nansen medal 2014

Anne Marie Tréguier (CNRS-IFREMER-IRD-UBO, IUEM, France, **rotating off**) Fridtjof Nansen medal 2019

Jan Zika (UNSW, Australia)

Richard Lampitt (NOC Southampton, **new Chair**) Fridtjof Nansen medal 2021

Corinna Schrum (Universität Hamburg, Helmholtz Zentrum Hereon)

Lynne Talley (University of California, Scripps Institution of Oceanography; **confirm as new member**) Fridtjof Nansen medal 2017

Pierre-Yves LeTraon (Mercator Océan; **confirm as new member**) Fridtjof Nansen medal 2012



Fridtjof Nansen Medal



Call for nominations for the 2024 medallist:

EGU's 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.

The awardees act as global ambassadors for EGU

Nominations are to be submitted online before **June 15th** each year via <https://www.egu.eu/awards-medals/nominations/>

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

→ **More information on EGU website**

We encourage **all** members to contribute to the awards programme by nominating suitable candidates.
When nominating please think about people who may have been overlooked in ocean sciences.



EGU awards & medals

How to nominate

Where: <https://www.egu.eu/awards-medals/nominations/>

When: from now to June 15th

What is required:

	Division and Union medals	Outstanding Early Career Scientists Awards
Nomination letter	1 page	½ page
Curriculum Vitae	2 pages	1 page
Selected bibliography	2 pages	½ page
Supporting letters	3-5 (maximum 1 page each)	-

Alfred Wegener Medal & Honorary Membership

Bestowed to scientists who have **achieved exceptional international standing** in atmospheric, hydrological or **ocean sciences**, defined in their widest senses, for their merit and their scientific achievements

Not many AW Medals awarded in Ocean Sciences to date....



→ More information on EGU website: <https://www.egu.eu/awards-medals/alfred-wegener/>

Nominations are to be submitted online before **June 15th** each year via <https://www.egu.eu/awards-medals/nominations/>

No self nomination, do not nominate Medal Committee Members or EGU President, EGU vice-president, Council members, Chairs of EGU committees



Georg Wüst Prize

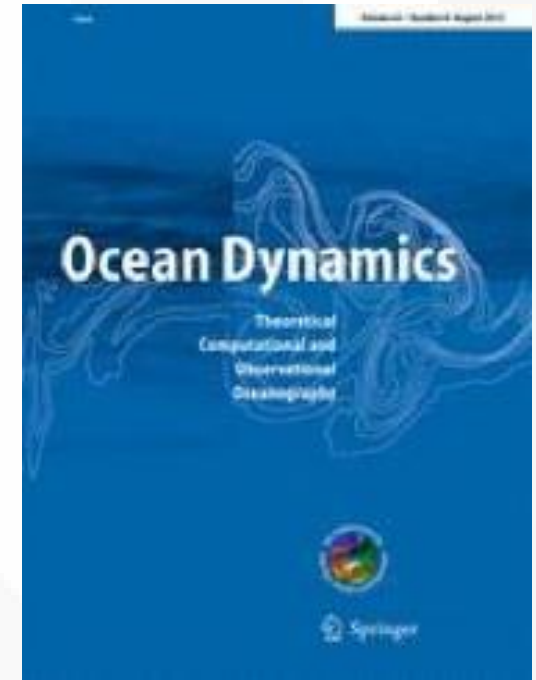


Die Deutsche Gesellschaft für Meeresforschung e.V. (dgm)
German Society for Marine Research (DGM)

Every two years the prize is awarded to a person who has made a significant contribution to ocean research and it is exclusively aimed at mid-career scientists.

Katharina Pahnke

Lecture: Tracing ocean circulation using neodymium isotopes – promises and limitations
OS and SSP



Jörg Wolff
Editor in Chief

More info:

<https://www.springer.com/journal/10236/updates/17202658>

Ocean Science Journal
EGU open access
Open discussion/review on
EGUsphere



IF: 4.3
IF 5 year: 4.0
CiteScore: 6.3
h5-index: 31

Top quality, ethical
home for your
excellent ocean
science papers!

Renewed editorial board



*Our warm thanks to **John Huthnance**
(former chief Executive Editor)!*

Co editors-in-chief:

Our goals:
Improve the author
experience
Enhance the journal
reputation



Karen
Heywood



Mario
Hoppema



Bernadette
Sloyan



Anne Marie
Treguier

Renewed editorial board

19 editors in all, 12 men, 7 women,

17 recruited since 2019!

Aida Alvera-Azcárate, Agnieszka Beszczynska-Möller,
Ilker Fer, Rob Hall, Ismael Hernández-Carrasco,
Xinping Hu, John Huthnance, Katsuro Katsumata,
Andrew Moore, Anna Rubio, Meric Srokosz,
Erik van Sebille, Joanne Williams, Jochen Wollschlaeger

**Suggestions for new editors are always welcome:
email us to talk about it!**

Our goals:

Improve the author
experience
Enhance the journal
reputation

Best editor and reviewer award 2023

Outstanding reviewer:

Kjetil Våge, University of Bergen

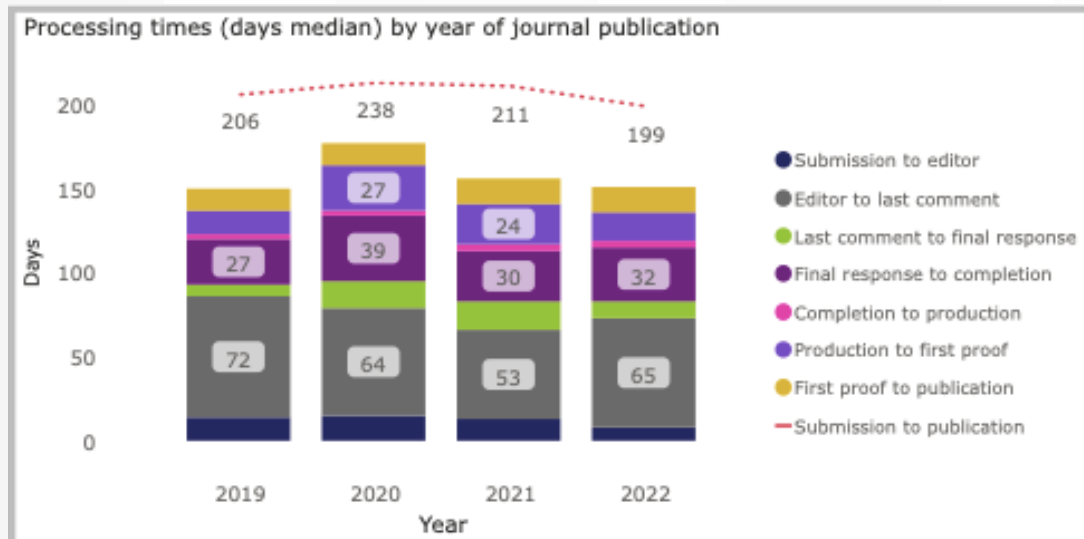
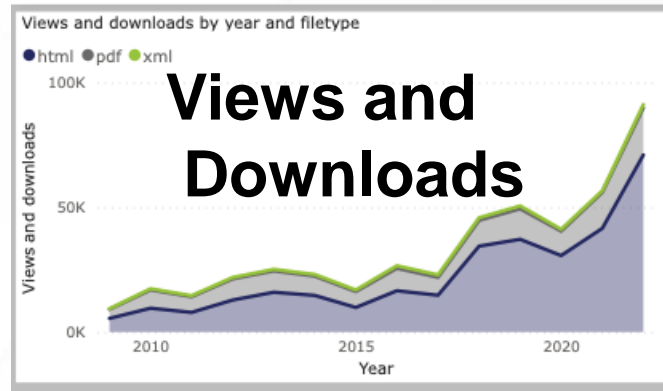
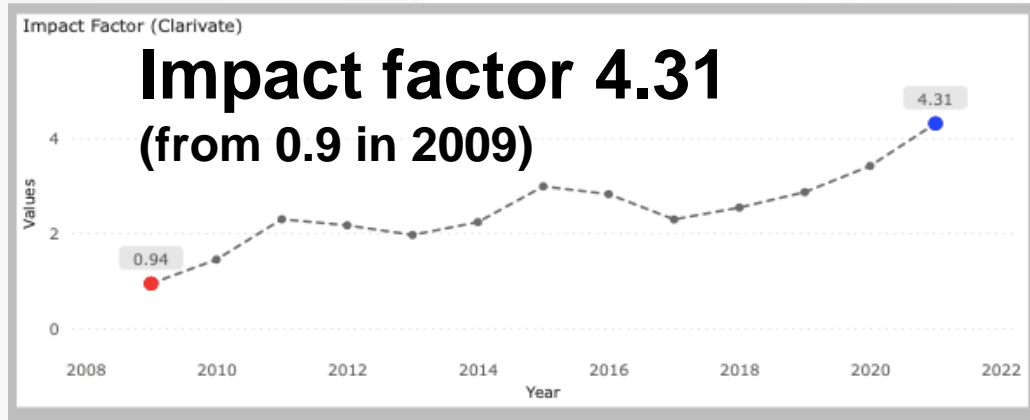


Outstanding editor:

Katsuro Katsumata, JAMSTEC



Statistics

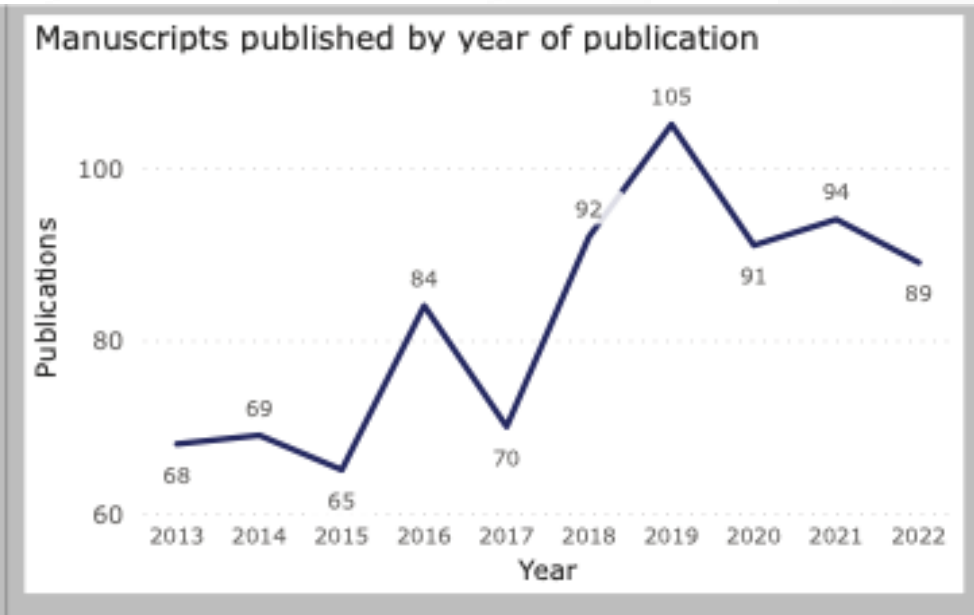
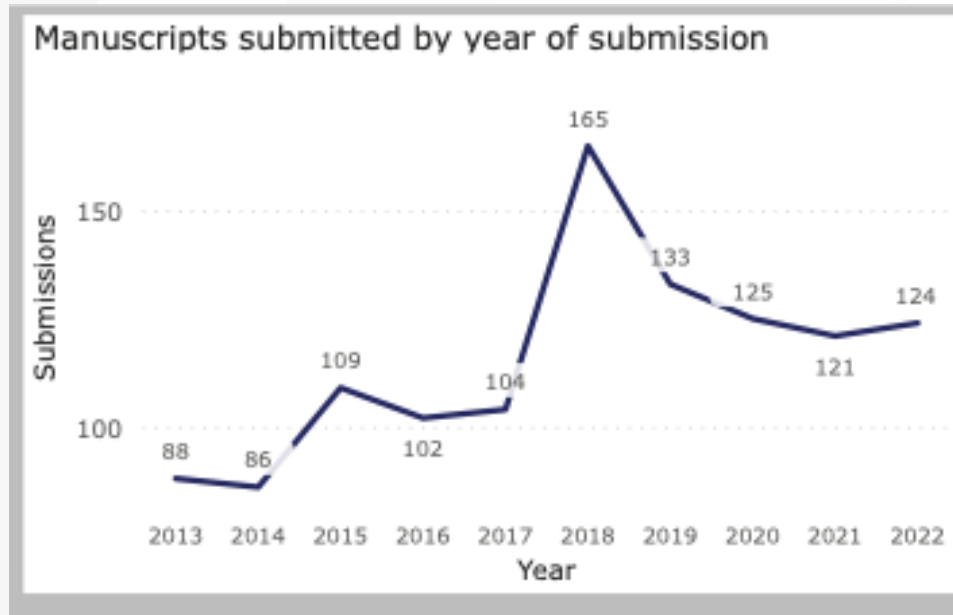


Processing is getting faster

**Article processing charges:
New in 2023, flat fee of 1600€**

Statistics (ctd)

	Submissions (OSD)	Publications (OS)
2022	124	89
2021	121	94
2020	125	91



Peak in 2018: 5 special issues

Special Issues suggestions welcome!

Recent special issues:

2023

- Oceanography at coastal scales: modelling, coupling, observations and applications
- Development and deployment of regional ocean configurations for Modular Ocean Model 6 (MOM6), inter-journal special issue with GMD

2022

- Data assimilation techniques and applications in coastal and open seas
- Sea2cloud (inter-journal special issue, ACP and OS)

Session convenors Please consider one on the topic of your sessions!

Please consider OS for your papers!

Sharing of preprint on EGUsphere, open review process

Process is fast, efficient; APCs relatively small

The trend is to open access publishing

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

2023 EGU General Assembly OS statistics

Thanks to all conveners for their great job and to everyone for preparing display materials!

OS in total

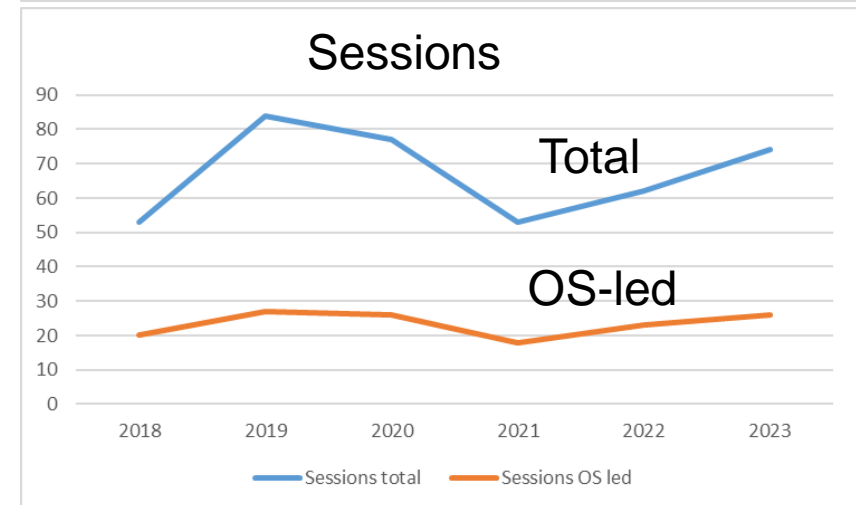
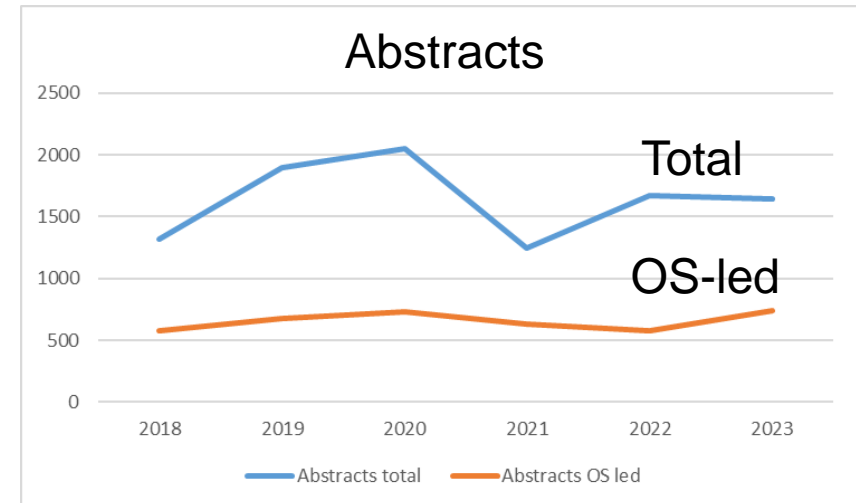
(i.e. including those led by AS, CL, CR, etc)

1644 abstracts in 74 sessions

OS led

740 abstracts in 26 sessions

55% of OS abstracts from Early Career Scientists
(49% in 2020; 58% in 2021; 60% 2022)



EGU23: Sessions and abstracts, Schedule

- 16,750 abstracts in programme | 12,615 in 2022
- 897 active sessions | 51 Short Courses | 47 Medal and Award Lectures | 6 Great Debates | 5 Union Symposia
- 144 Networking and Community Events (excluding pop-ups), Townhall Meetings, Side Events, Splinter Meetings, LRS
- EGU Plenary 24 April 12:45 CEST (Room E1)
- Medal & Award Celebration 26 April 17:30 CEST (Room E1)

2024 EGU General Assembly

- **14-19 April 2024.**
- **Call for sessions** expected in June, **deadline September**
- Do suggest new or existing sessions! ***Nothing is carried forward automatically.*** *New conveners are very welcome.*
- Please make your sessions as inclusive as possible – e.g. geographically – the General Assembly is global
- Abstracts deadline January 2024
- Deadlines for sessions, abstracts and travel support requests to be confirmed

Europeans and the EGU: who is missing?



EGU
journals
editorial
representation
normalised to
scientific
production



Dark zone:

- 30% of Europe's population
- 16% of the number of authors in Earth and Planetary sciences
- 12% of scientific production in Earth and Planetary sciences
- 9% of EGU presenters
- 4% of European Research Council (ERC) grantees in PE10
- 2% of EGU awards
- 1% of European editors in EGU journals
- < 1% EGU leadership (1 division president)

As a European organisation EGU **must** expand its network and influence to **many** European countries, to gain access to new data and knowledge.

We need you to join us! Outreach is needed for talent not to be wasted!
Union Symposium 3, Friday, 28 Apr, 08:30–12:30 (CEST) Room E1



EGU23 Feedback Survey

Survey open until end of June

<https://www.egu23.eu/feedback>

Mark Your Calendar!

EGU General Assembly 2024
14–19 April 2024
Vienna, Austria & Online

Any other business? Any questions or comments?

- 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
- Follow the Ocean Science Journal on twitter @EGU_OS
- **Facebook EGUosDivision > Linked-In**
- There is a slack channel for ECS in Ocean Science to get involved
- Reach out to ecs-os@egu.eu
- Get involved!

Thank you for participating in the Ocean Science Division Meeting!

EGU