

EGU | April 2024

Ocean Sciences Division Meeting 2024

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**

- 2 year term as president, renewable once
- Elected in Autumn 2019
- President since April 2021
- Re-elected autumn 2021
- End second term April 2025
- President Elect / Deputy President: **Joanna Staneva**
- Elected in Autumn 2023
- **Hand-over GA 2025**



OS Division organisation 2023

OS Division Officers:

OS1 Ocean General Circulation and Climate
Joke Lübbecke



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



OS3 Ocean Biogeochemistry and Biology
Peter Landschützer



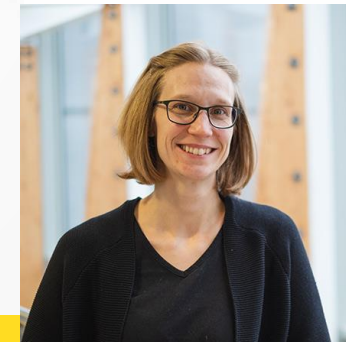
OS4 Global processes and oceanographic techniques
Aida Alvera Azcarate



ECS Rep **Antonio Ricchi**,
Sudheesh Valliyodan (*rotating off*)



OSPP Coordinator **Kristin Burmeister**



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OS4 Global processes and oceanographic techniques
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ECS Rep
Coline Poppeschi

OSPP Coordinator
Kristin Burmeister

PostDoc at France Energies
Marines in France, research
activity focuses on extreme events
considering waves, wind and sea
level and their impacts on offshore
wind farms



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
- Get involved in ECS working groups: work-life balance or jobs & careers
- Suggest ways that we can help you
- Join our OS ECS committee! (blog, social media)
- Contact Coline Poppeschi at ecs-os@egu.eu
- Join the ECS-OS mailing list os-ecs@lists.egu.eu at www.egu.eu/os
- See <http://www.egu.eu/ecs/> for more ECS info

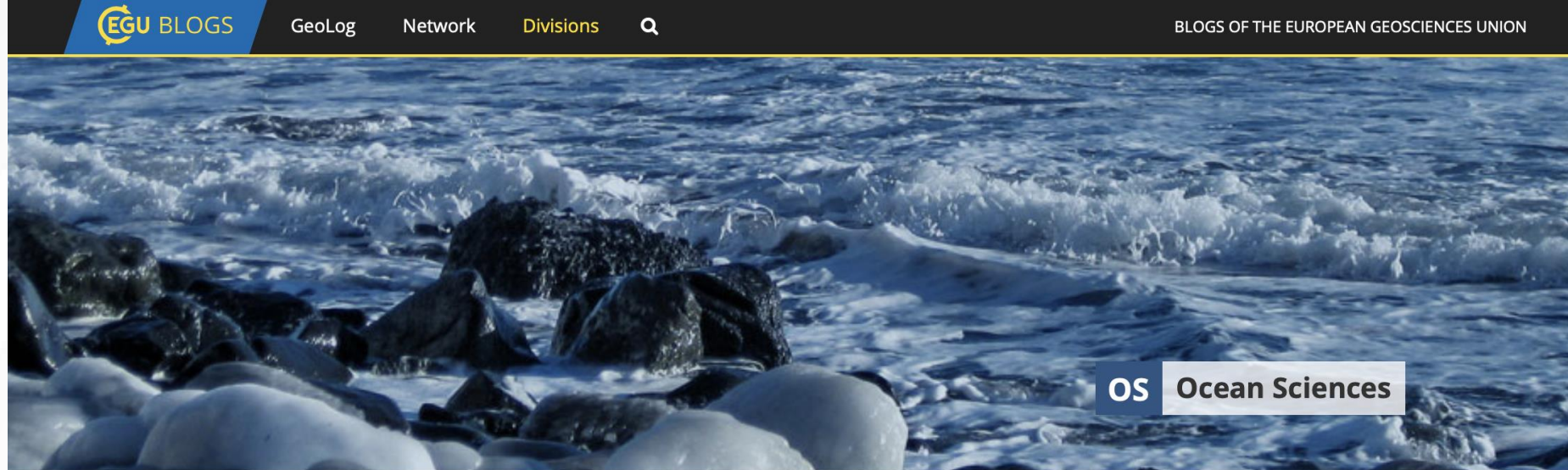
OS on social media



- 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



Meriel Bittner



OS Ocean Sciences

EGU Blogs » Divisions » Ocean Sciences

Ocean Sciences

Subscribe to the blog!

Looking for new team members

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



Outstanding Student and PhD candidate Presentation (OSPP) award

- **2023 OSPP winners: Congratulations to:**
- **Hsin-I Lin**, Institute of Oceanography, National Taiwan University, Taiwan
Buoy Observations of Turbulent Mixing in the northwestern subtropical Pacific Ocean
- **Xiaoqing Chen**, Bullard Laboratories, University of Cambridge, UK
Time-lapse Volumetric Seismic Imaging of Water Masses at a Major Oceanic Confluence in the South Atlantic Ocean



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

OSPP 2024

OS stats 2024:
83 OSPP applications
>280 judges
THANK YOU!

- **Identify one convener responsible for OSPP in your session!**
- **Nominate at least three (up to five) judges per OSPP presentation prior to GA!**
- 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 14 April to 3 May 2024
- 15 - 31 May 2024 award selection

More info here:



2024 Winner: Alessandro Silvano (University of Southampton)

The 2024 Division Outstanding Early Career Scientist Award is awarded to **Alessandro Silvano** for outstanding research in the field of physical oceanography under ice, and ice-ocean interactions.





OS Division Outstanding Early Career Scientist Award 2025

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

Selection: Winner selected by OS Division officers

2024 Medallist: **Stephanie Henson**

The 2024 Fridtjof Nansen medal is awarded to Stephanie Henson (National Oceanography Centre, UK)

for outstanding research into the ocean's role in the carbon cycle, built on her extraordinary ability to combine diverse observational data with novel biogeochemical models.



Thank you to the Nansen Medal Committee!

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



Jan Zika (UNSW, Australia) **rotating off**



Corinna Schrum (Universität Hamburg, Helmholtz Zentrum Hereon) **rotating off**



Lynne Talley (University of California, Scripps Institution of Oceanography) **Fridtjof Nansen medal 2017**



Pierre-Yves LeTraon (Ifremer) **Fridtjof Nansen medal 2012**



Ingrid Puillat



Carsten Eden (University of Hamburg)



Fridtjof Nansen Medal



Call for nominations for the 2025 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.

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

Stefan Rahmstorf for exceptional and groundbreaking research in climate science and oceanography



→ 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

Also consider nominating for the Union Awards:

Angela Croome Award

Earth, space and planetary sciences journalism

Champion(s) for Equality, Diversity and Inclusion Award

Significant contributions in advancing the values of EDI in the geoscience community

Katia and Maurice Krafft Award

Geoscience outreach and engagement

Union Service Award

Outstanding services for the Union



EGU awards & medals

How to nominate

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

When: Deadline is **June 15 every year**

What is required:

	Division and Union medals	Outstanding Early Career Scientists Awards
Nomination letter	5000 characters (including spaces)	2500 characters (including spaces)
Curriculum Vitae	2 pages	1 page
Selected bibliography	2 pages	½ page
Supporting letters	3-5 5000 characters (including spaces)	None (multiple nominators possible)



Nomination and supporting letters via on-line form

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

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



IF: 3.2
IF 5 year: 3.8
CiteScore: 7
h5-index: 33

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

Editorial board

Co editors-in-chief:

Our goals:

Improve the author experience
Enhance the journal reputation



Karen
Heywood



Mario
Hoppema



Bernadette
Sloyan



Anne Marie
Treguier

Editorial board

18 editors, 11 men, 7 women,

New editors in 2023 :

Agnieszka Beszczynska-Möller, Meric Srokosz, Rob Hall,
Mehmet Ilicak

We need a few more editors!

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:

Justin Small, NCAR



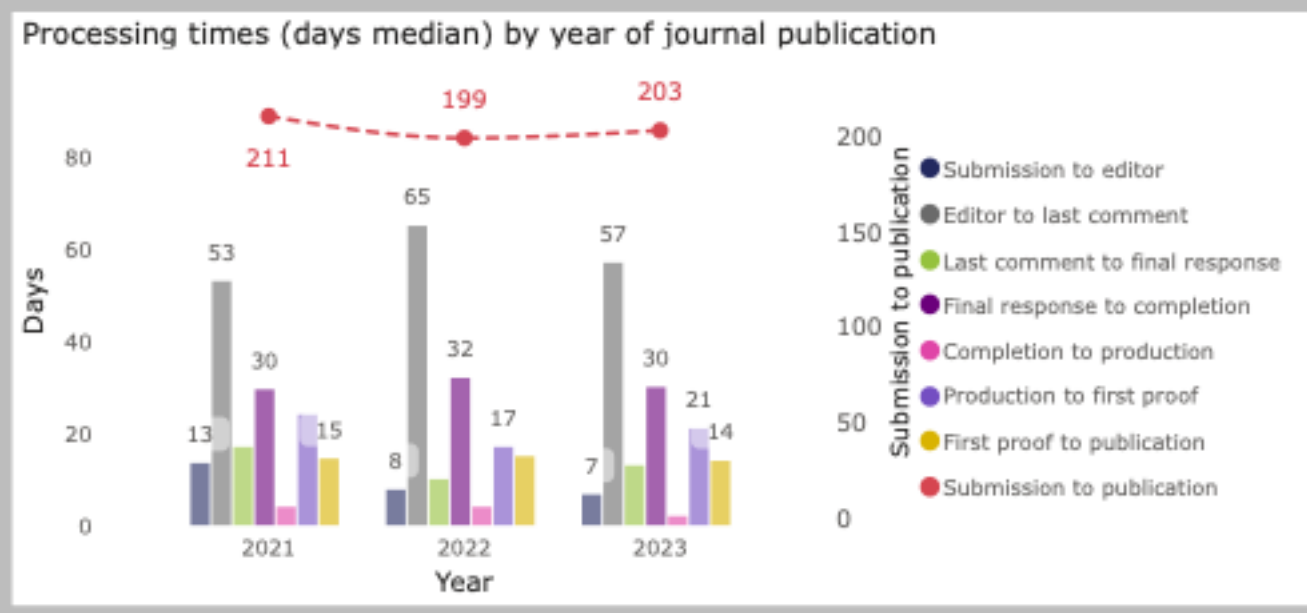
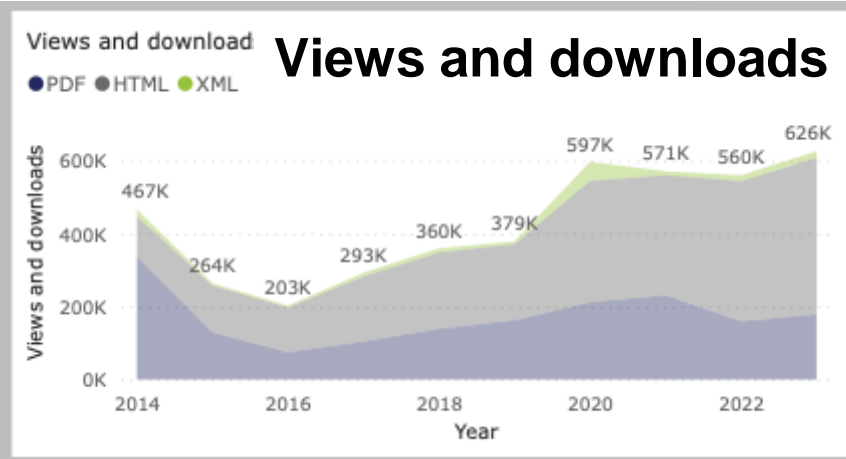
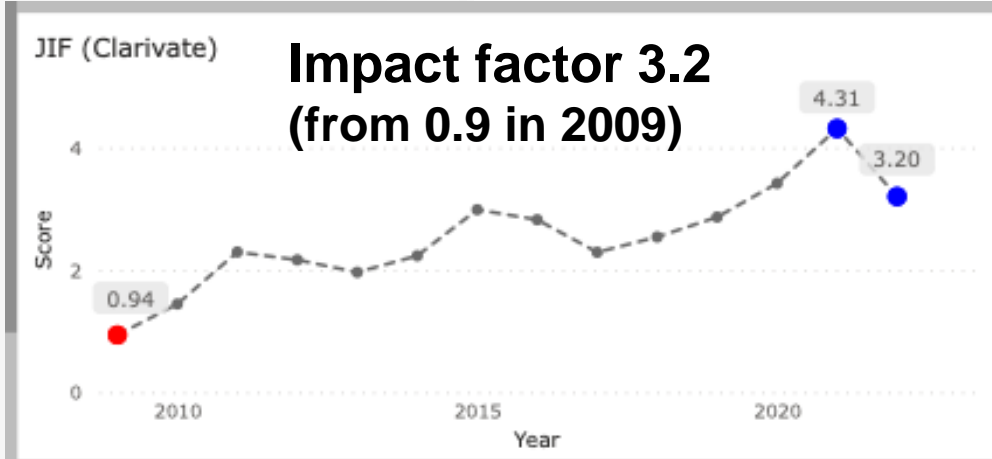
Outstanding editor:

Aida Alvera-Azcárate

University of Liege



Stable statistics



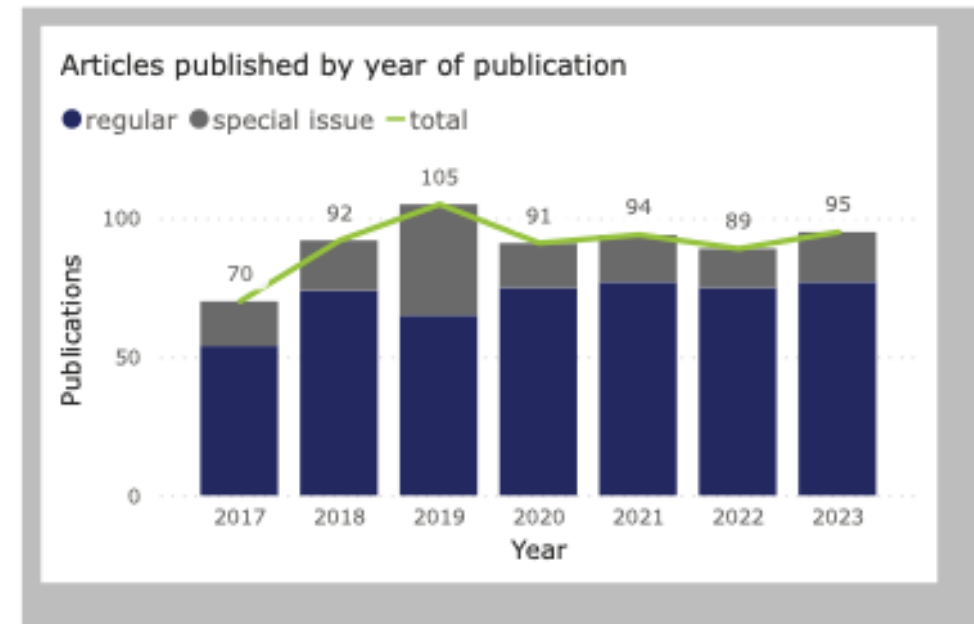
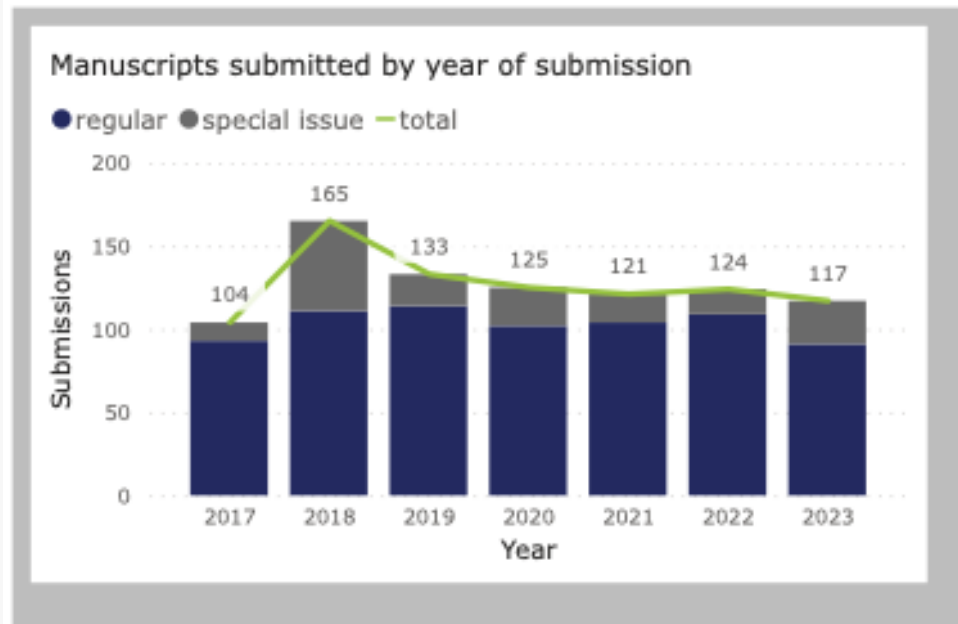
Submission to editor time halved since 2021.

Overall processing time is stable, except in 2020 (238 days)

Statistics (ctd)

	Submissions	Publications
2023	117	95
2022	124	89
2021	121	94

Top countries of the authors: France, U.S., Germany, China, U.K.



Peak in 2018: 5 special issues

Recent special issues suggestions welcome!

2024

- Ocean Science Jubilee: reviews and perspectives
- Extremes in the marine environment: analysis of multi-temporal and multi-scale dynamics using observations, models, and machine learning techniques

2023

- Data assimilation techniques and applications in coastal and open seas,
- 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
- Special Issue for the 54th International Liège Colloquium on Machine Learning and Data Analysis in Oceanography

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/>

Publish... and promote your work!

- Video abstracts
- Graphical abstract
- Short summary

See https://www.ocean-science.net/about/promote_your_work.html

2024 EGU General Assembly OS statistics

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

OS in total

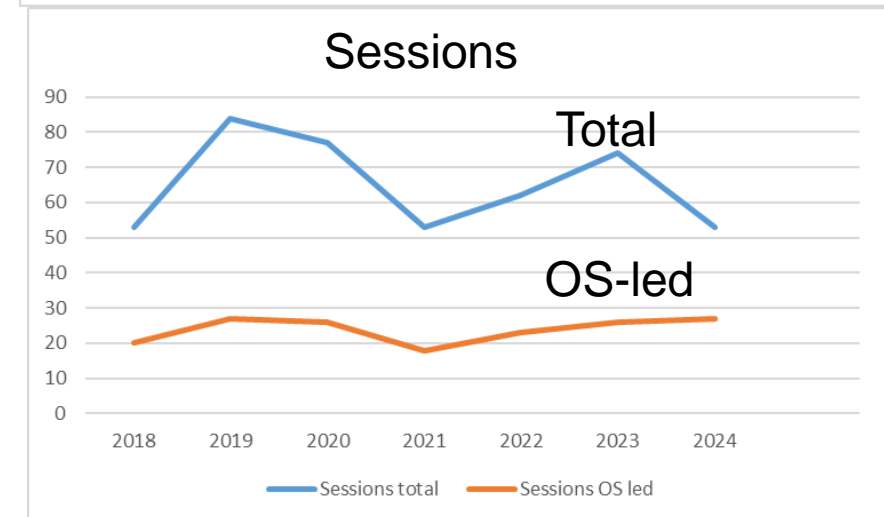
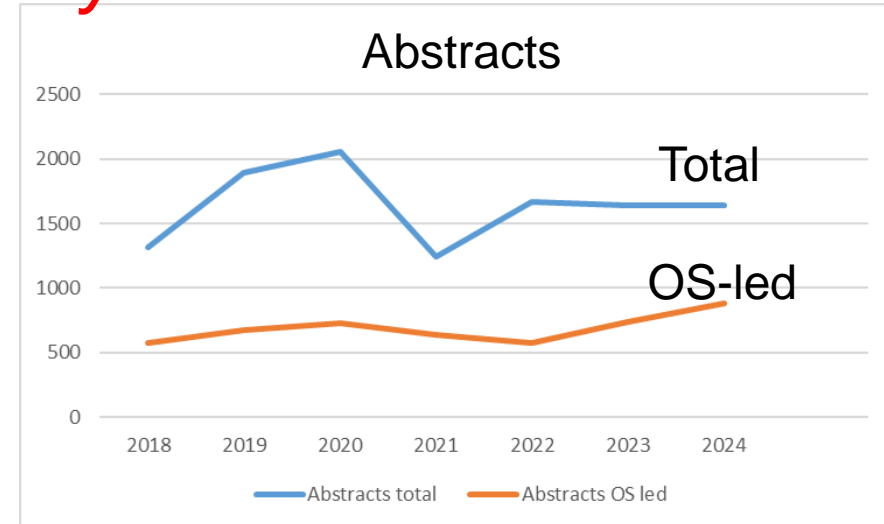
(i.e. including those led by AS, CL, CR, etc)

1644 abstracts in 53 sessions

OS led

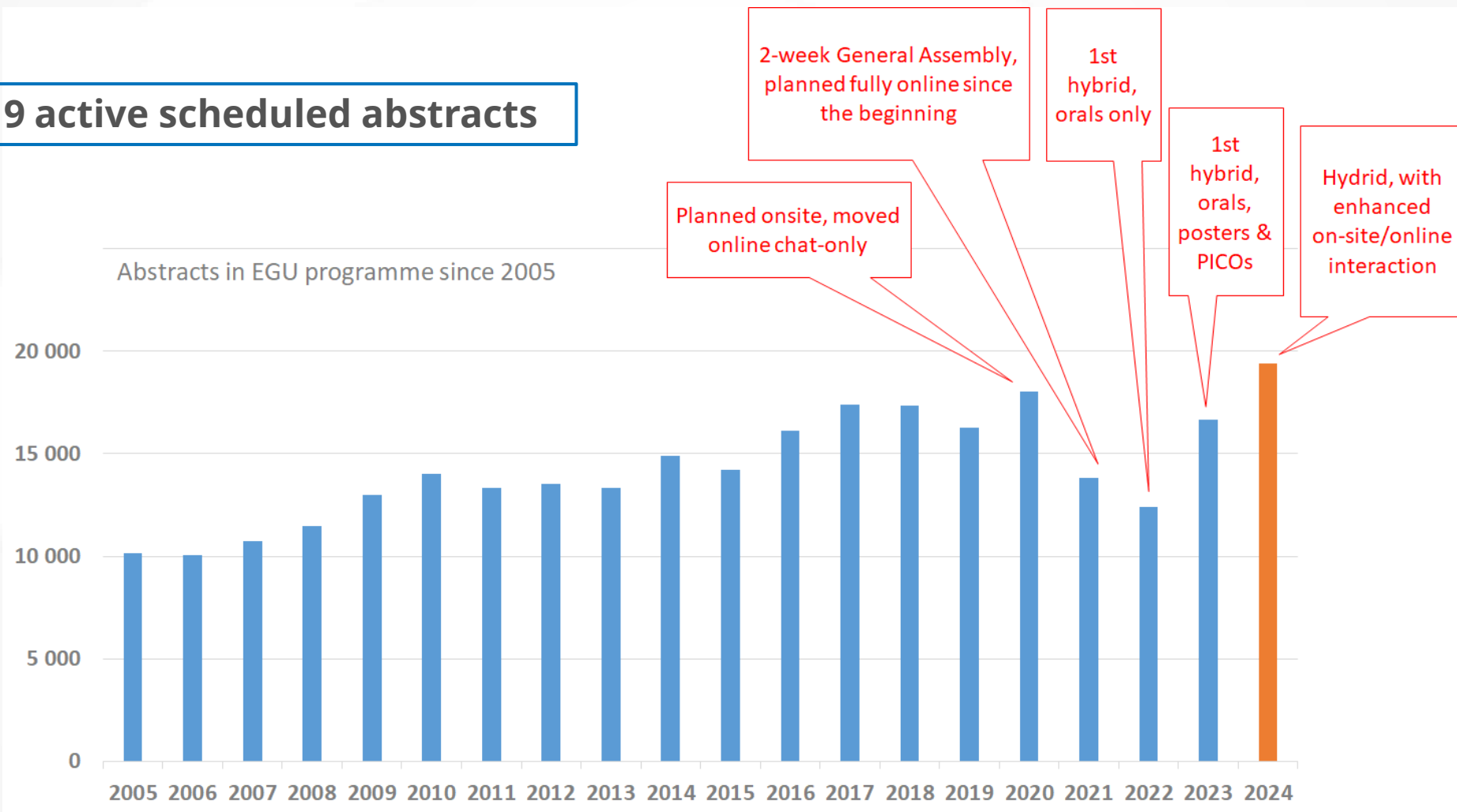
886 abstracts in 27 sessions

55% of OS abstracts from Early Career Scientists (49% in 2020; 58% in 2021; 60% 2022; 55% 2023)



EGU24: numbers at a glance (as of 29 March 2024)

19,319 active scheduled abstracts



EGU24: numbers at a glance (as of 29 March 2024)

- **1,025 active sessions** (+11% EGU23):
 - 675 division-led sessions, of which 42 are ITS sessions
 - 17 Education and Outreach Sessions (EOS) + GIFT workshop
 - 61 Short Courses + 2 Artist in Residence workshops
 - 39 Medal and Award Lectures
 - 6 Union Symposia and 10 Great Debates
 - 152 Townhall & Splinter meetings scheduled
- **ECS Networking, Science for Policy, and EDI Committee events**



EGU23 oral presentation
Photo credit: Pfluegl 2023

More on: <https://www.egu24.eu/>

Union Symposia Room E1

- **Deep-time Digital Earth Thursday 18 April, 14:00–18:00 CEST**
- **Bridging the scales: The Arctic methane and permafrost challenge
Friday 19 April, 8:30–10:15 CEST**

Great Debates Room E1

- **If informing is not enough, how should scientists engage to accelerate the social transformation required by climate change and biodiversity collapse? Friday 19 April, 14:00–15:45 CEST**
- **Artificial Intelligence in scientific publishing: blessing or bane? Friday 19 April, 10:45–12:30 CEST**

2025 EGU General Assembly

- **27 April - 2 May 2025.**
- **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 2025
- Deadlines for sessions, abstracts and travel support requests to be confirmed

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 X @EGU_Ocean and Linked-In
- Follow the Ocean Science Journal on X @EGU_OS
- 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!

A blue-tinted landscape featuring a waterfall on the left side, with water cascading over rocks. The background shows a wide, flat expanse, possibly a dry lake bed or a coastal plain, under a cloudy sky. A large yellow speech bubble is centered in the upper half of the image, containing the text 'Please Give Us Feedback!'.

**Please
Give Us
Feedback!**

egu24.eu/feedback

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