

EGU | April 2025

Ocean Sciences Division Meeting 2025

Johan van der Molen, Joanna Staneva
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 😊

Incoming President and Programme Committee Group Chair:

Joanna Staneva

- Elected in Autumn 2023
- 2 year term as president, renewable once

Outgoing President and Programme Committee Group Chair:

Johan van der Molen

- Elected in Autumn 2019
- President since April 2021
- Re-elected autumn 2021
- End second term April 2025
- **Deputy president for April 2025 - April 2026**



OS Division organisation 2024

OS Division Officers:

OS1 Ocean General Circulation and Climate
Joke Lübbecke



OS2 Coastal Oceans, Semi-enclosed and Marginal Seas
Sandro Carniel



OS3 Ocean Biogeochemistry and Biology
Peter Landschützer



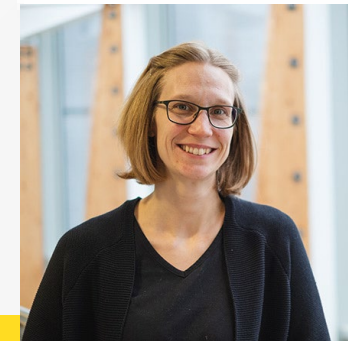
OS4 Global processes and oceanographic techniques
Aida Alvera Azcarate



ECS Rep **Coline Poppeschi**



OSPP Coordinator **Kristin Burmeister** (rotating off)



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ECS Rep

Coline Poppeschi

OSP Coordinator

Juan Nolasco

IT teacher with extensive experience in **academic project coordination, student mentoring, and reviewing scientific presentations**. Background includes:

- **Coordinating and mentoring** students in international science and technology competitions
- **Reviewing and evaluating** scientific presentations in STEM-related fields
- **Managing organizational and administrative tasks**, including coordinating review processes and liaising with multiple stakeholders



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, <https://www.linkedin.com/in/ecs-os-division-egu-90833a310/>)
- 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

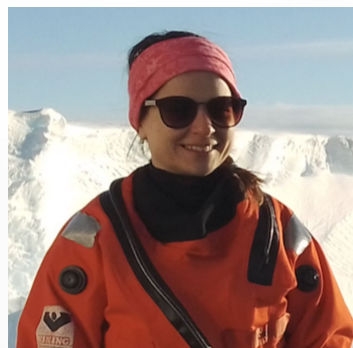


- Follow us on social media to stay updated
- Direct message accounts if you want the OS accounts to retweet/repost
- Tag OS account and use our hashtag

Thank you!!



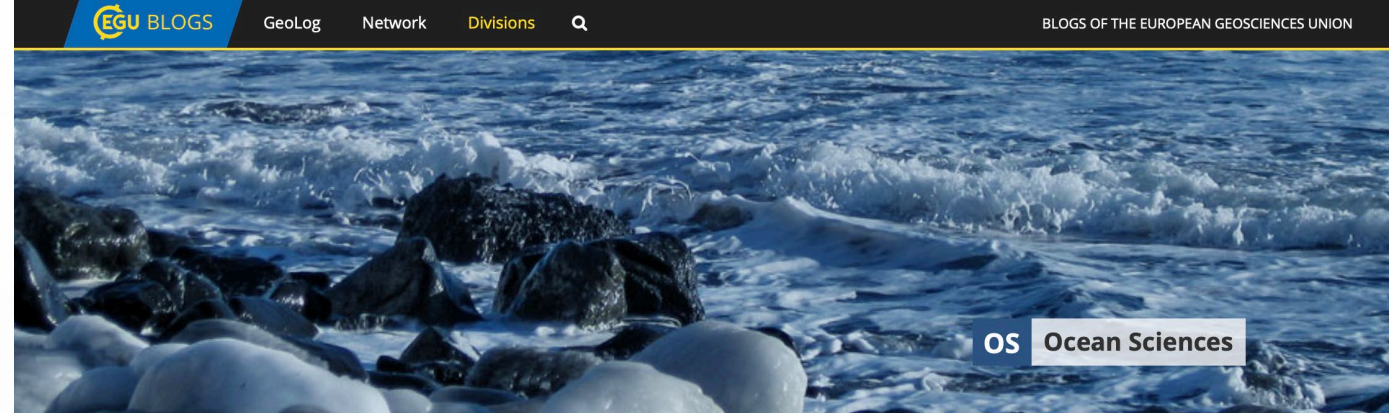
Meriel Bittner



Jenna Balaguer
Jacqueline Behncke

Looking for contributions

- 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

ITS Division, co-organised OS

- 2024 OSPP winner: **Congratulations to:**
- **Ariadna Canari**, Institut de Ciències del Mar (ICM), Spain
- *Revealing Machine Learning's potential for morphotectonic analysis of marine faults: Application to the North-South faults in the Alboran Sea (Westernmost Mediterranean)*



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

Outstanding Student and PhD candidate Presentation (OSPP) award

- **2024 OSPP winner: Congratulations to:**
- **Álvaro Cubas**, Faculty of Marine Science, Universidad de Las Palmas de Gran Canaria, Canary Islands, Spain
- *Microplastic trajectories and fates in the Canary Current System using TrackMPD*



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 2025

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

- **Identify one convener responsible for OSPP in your session!**
- **Nominate at least three 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 shortly before the GA **until 16 May 2025.**
- 9 - 31 May 2025 award selection.
- **Similar procedure for EGU 2026!**

More info here:



**2025 Winner: Jens Terhaar (University of Bern,
Switzerland)**

**The 2025 Division Outstanding Early
Career Scientist Award is awarded to
Jens Terhaar
for outstanding research on the
biogeochemistry of the ocean carbon
cycle and its feedbacks on climate**



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

Fridtjof Nansen Medal

2025 Medallist: Tatiana Ilyina

The 2025 Fridtjof Nansen medal is awarded to Tatiana Ilyina (University of Hamburg, Germany) distinguished research in oceanography to enhance our understanding of the ocean carbon cycle and its critical role in the climate system



Thank you to the Nansen Medal Committee!

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



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



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



Ingrid Puillat (EMSO ERIC)



Carsten Eden (University of Hamburg)



Alberto Naveira Garabato (University of Southampton)



Fridtjof Nansen medal 2023

Fridtjof Nansen Medal



Call for nominations for the 2026 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

Trevor John McDougall for outstanding contributions to ocean science that have fundamentally changed how we understand the ocean and its role in shaping the Earth's climate

→ 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:



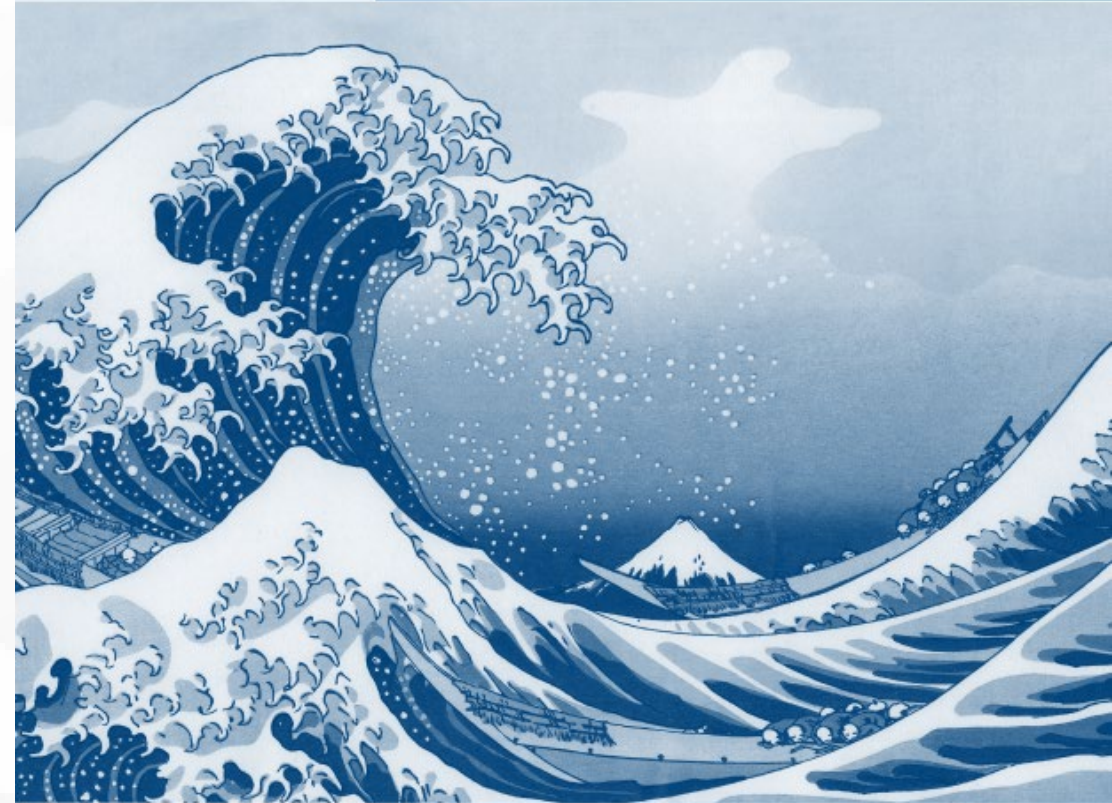
	Division and Union medals	Outstanding Early Career Scientists Awards
Nomination letter	5000 characters (including spaces)	2500 characters (including spaces)
Curriculum Vitae	2 pages	1 page
Selected bibliography	2 pages	½ page
Supporting letters	3-5 5000 characters (including spaces)	None (multiple nominators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

Nomination and supporting letters via on-line form

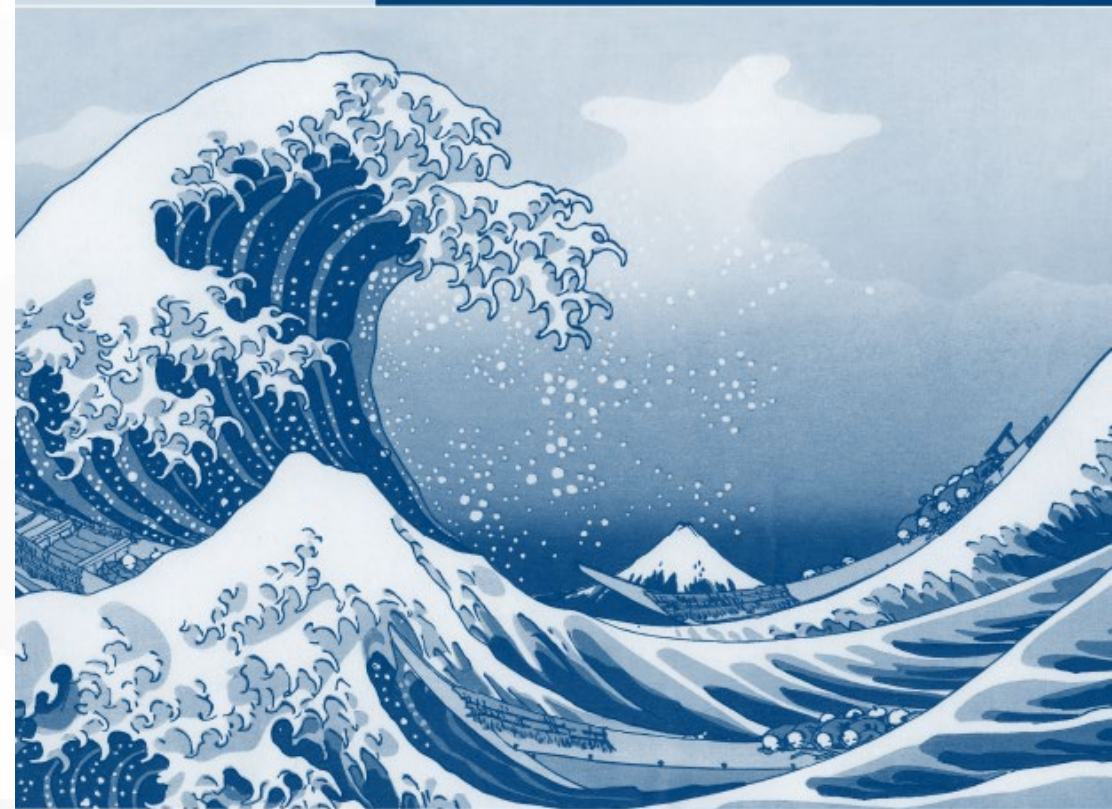
Ocean Science

Celebrating 20 years
of open access
publishing in ocean
science!

Karen Heywood
k.heywood@uea.ac.uk



- Not-for-profit
- Published by EGU
- Open access for all
- Open and transparent discussion and review on EGUsphere
- An ethical home for your excellent ocean science papers
- All disciplines and all areas of ocean, coastal and marine science
- Impact Factor (2023) 4.1
- 5 year Impact Factor (2023) 4.0



New article processing charges for 2025:

Research Articles, Technical Notes or Review papers,
with no word, page or figure limit

- €1800 standard
- €1620 for EGU members
- €810 for EGU members working in European economically disadvantaged (EED) countries
- Waived automatically for authors working in Research4Life countries

Ocean Science Letters, short format, short review,
automatically highlighted

- €900 standard
- €810 for EGU members
- €405 for EGU members working in EED countries
- Waived automatically for authors working in Research4Life countries



Ocean Science Editorial board

Co editors-in-chief:

Our goals:

- Enhance the author experience
- Maintain the journal's high reputation
- Be your first choice for excellent papers



Karen
Heywood



Mario
Hoppema



Bernadette
Sloyan



Anne Marie
Treguier

Ocean Science Editorial board

Currently 21 editors including the 4 co-editors-in-chief: 15 men, 6 women

Aida Alvera-Azcárate, Damian Arévalo-Martínez, Agnieszka Beszczynska-Möller, Ilker Fer, Denise Fernandez, Sjoerd Groeskamp, Rob Hall, Ismael Hernández-Carrasco, Xinping Hu, Matthew Humphreys, John Huthnance, Katsuro Katsumata, Julian Mak, Benjamin Rabe, Matt Rayson, Meric Srokosz, Erik van Sebille

We are very grateful to them for their time and excellent work.

Submissions to Ocean Science are growing fast so we need more editors!

Suggestions and volunteers for new editors are always welcome: email us or talk to any of the editors about it. k.heywood@uea.ac.uk

Outstanding editor and reviewer awards for 2024

Outstanding reviewers:

Ria Oelerich, Centre for Marine Environmental Sciences (MARUM) and Institute for Environmental Physics (IUP), University of Bremen, Germany

Constantinos Matsoukis, National Oceanography Centre, Liverpool, UK

Outstanding editor:

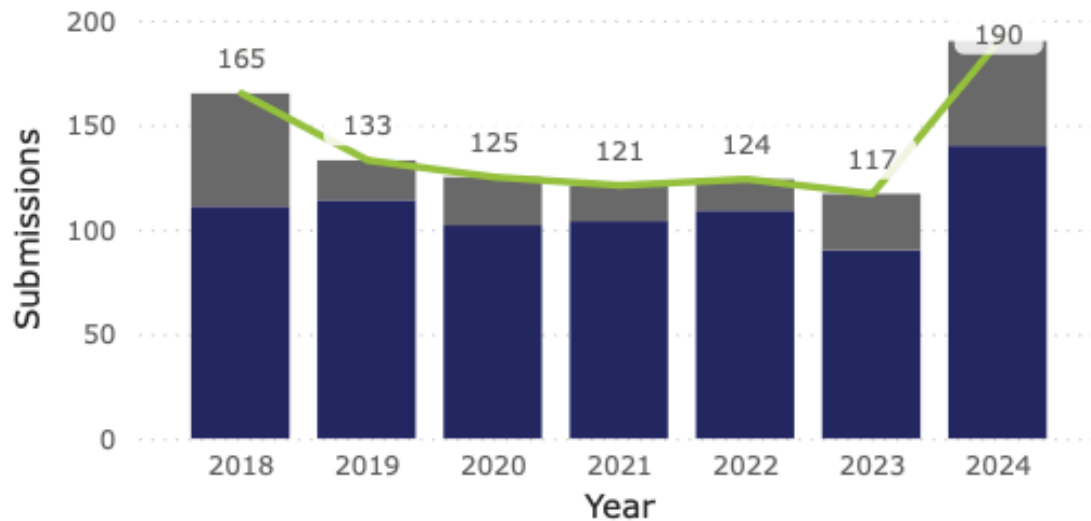
Ilker Fer, Geophysical Institute, University of Bergen, Norway



Ocean Science is growing fast

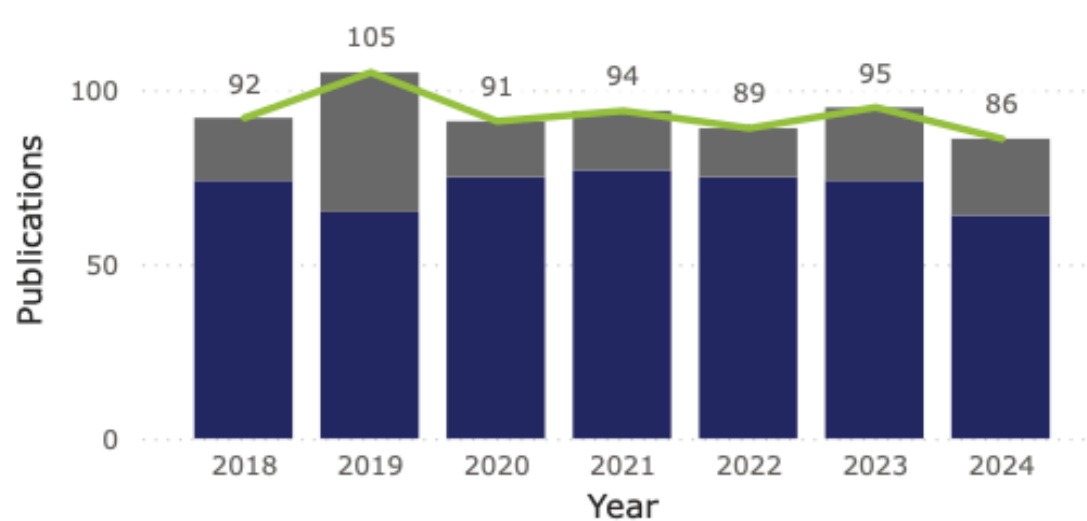
Manuscripts submitted by year of submission

● regular ● special issue — total



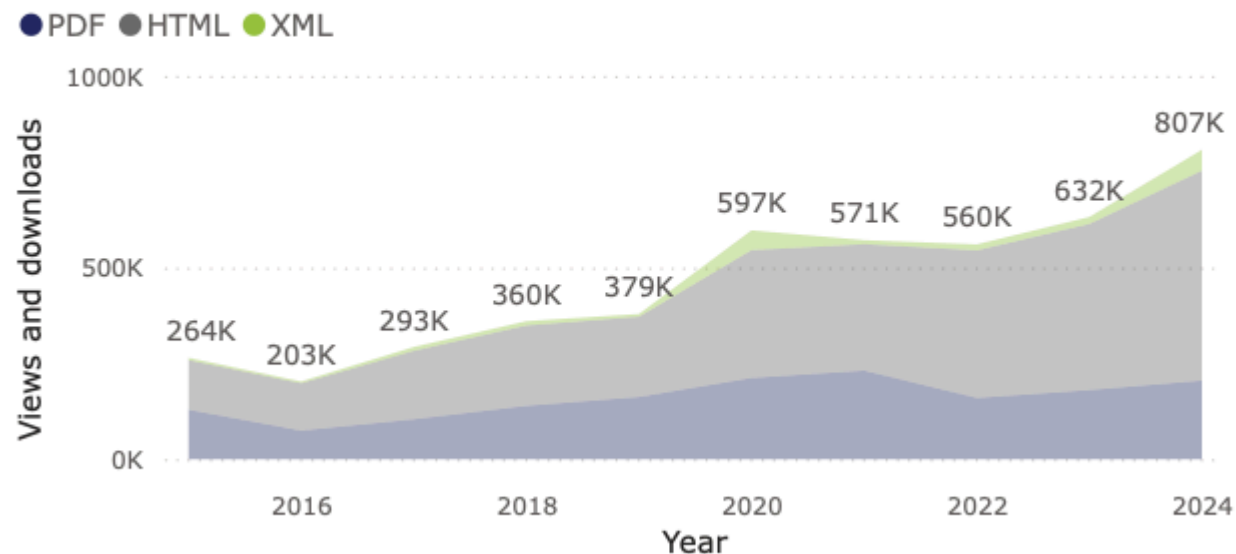
Articles published by year of publication

● regular ● special issue — total

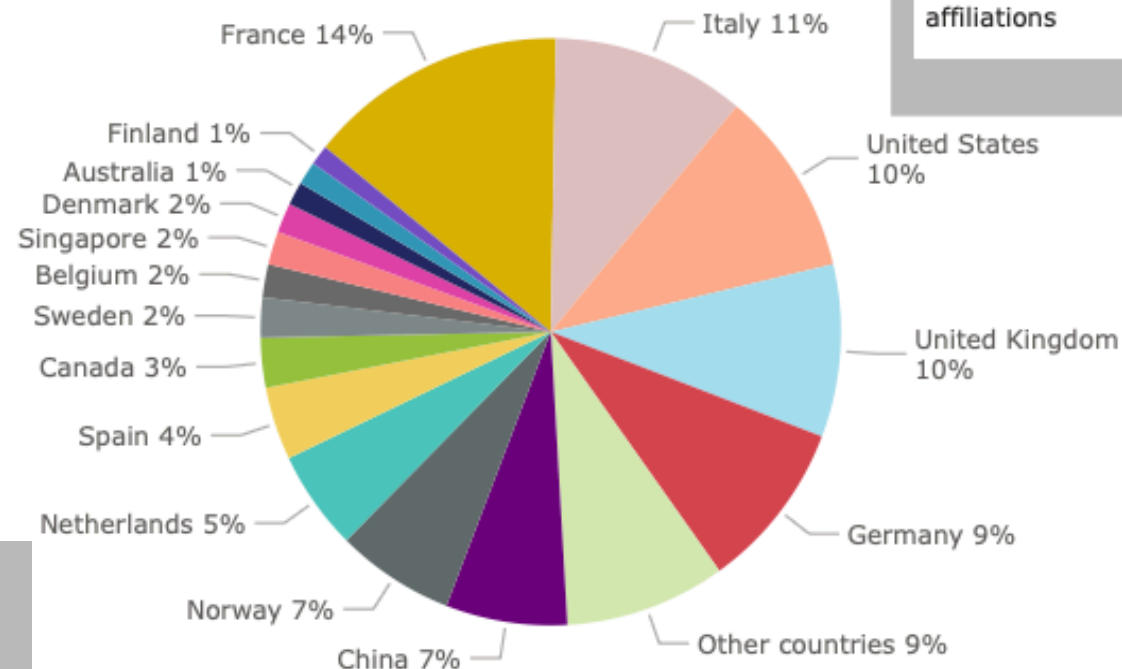


Ocean Science is proud to be an international journal

Views and downloads by year and file type (article + preprint)



Share of countries across report year affiliations



Read: Country X is mentioned in Y% of affiliations

Pie chart above shows top countries by affiliations of authors in 2024

Top countries by numbers of article downloads:
USA, China, Germany, Japan, Singapore, France, India, UK, Russia, Netherlands

Ocean Science welcomes Special Issues

Currently open special issues:

- » [Ocean Science Jubilee: reviews and perspectives](#) (until 31st December 2025)
- » [Special issue on ocean extremes](#) (55th International Liège Colloquium) (until 15th September 2025)
- » [Advances in ocean science from underwater gliders](#) (until 31st December 2025)
- » [Biogeochemical processes and air-sea exchange in the sea-surface microlayer](#) (BG/OS inter-journal special issue, until 31st July 2025)
- » [Development and deployment of regional ocean configurations for Modular Ocean Model 6 \(MOM6\)](#) (inter-journal special issue with GMD, open indefinitely)

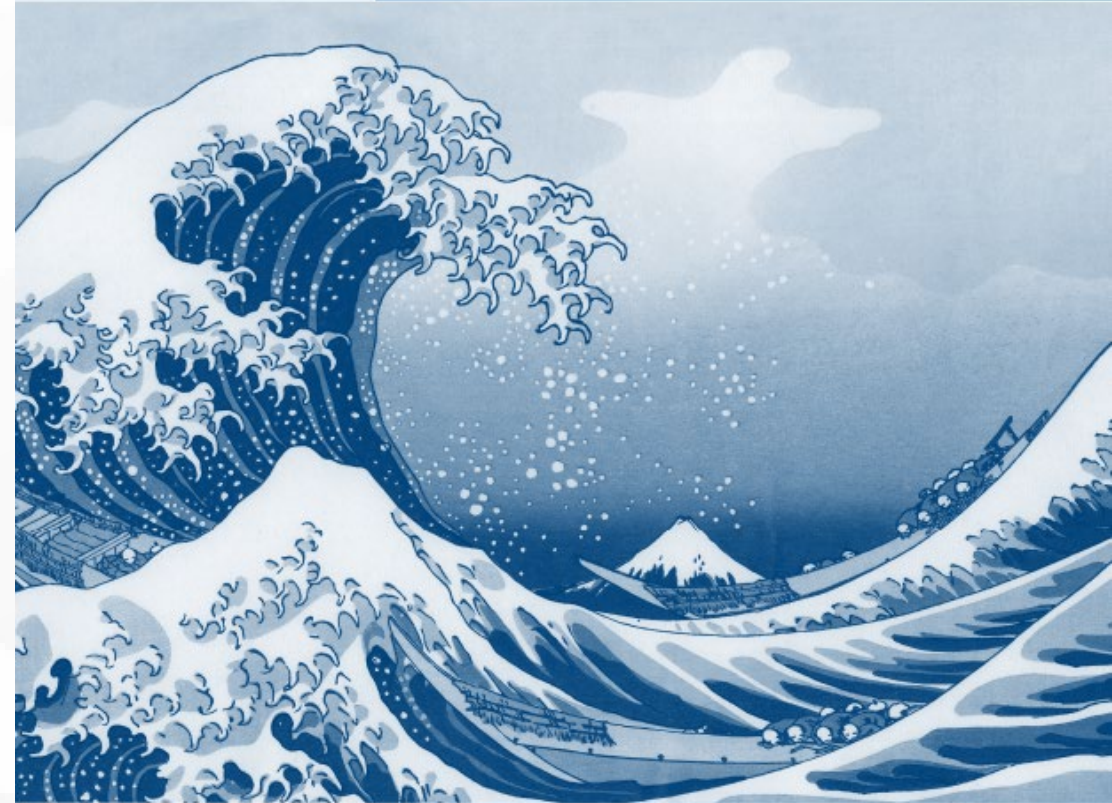
Everyone is welcome to submit a paper to a special issue.

Session convenors: do consider proposing one on the topic of your session.

We welcome your excellent papers in
Ocean Science!

Meet the editors of Ocean Science

Come to chat with us *this afternoon*
15:00-16:00 at the EGU booth – Hall X2



2025 EGU General Assembly OS statistics

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

OS in total

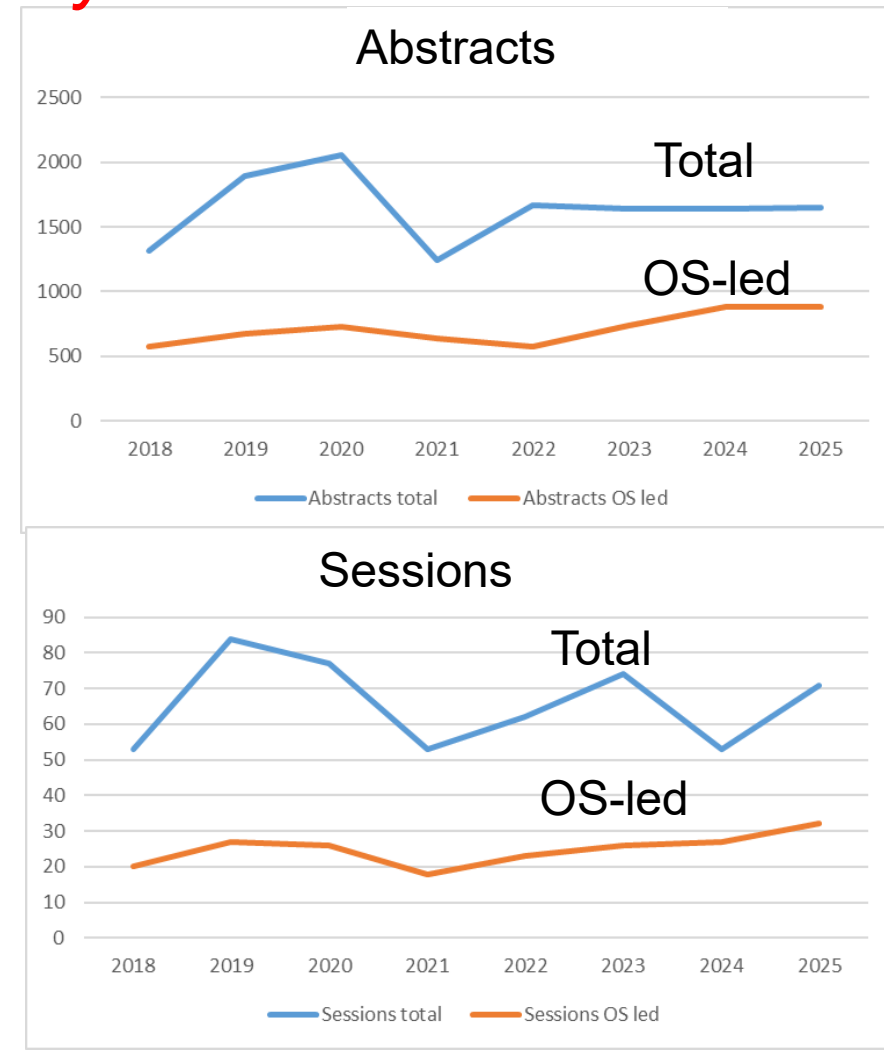
(i.e. including those led by AS, CL, CR, etc)

1654 abstracts in 71 sessions

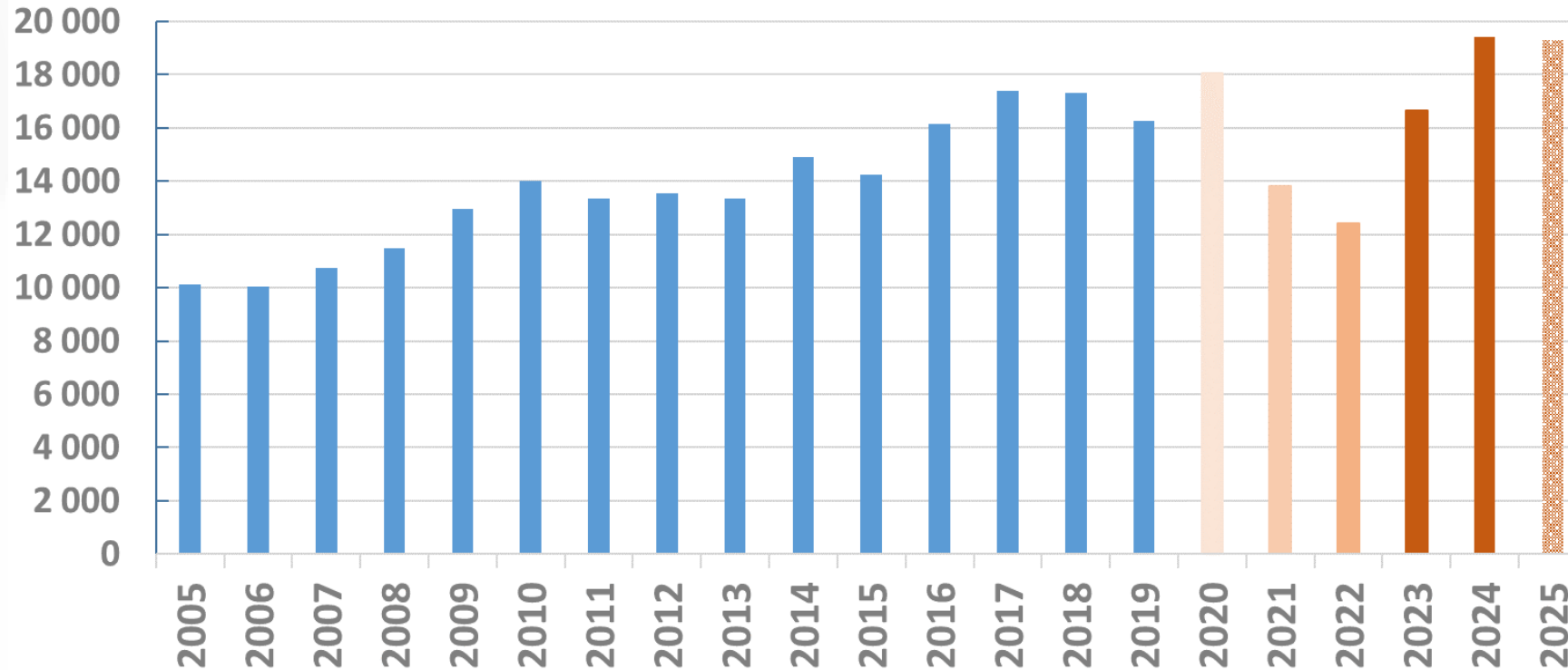
OS led

883 abstracts in 32 sessions

55% of OS abstracts from Early Career Scientists (49% in 2020; 58% in 2021; 60% 2022; 55% 2023; 57% 2024)



EGU25 Abstract Submission Over Time



19,285 active scheduled abstracts in 2025

On-site only
up to 2019

Online only

Hybrid orals only

Fully hybrid since 2023

(as of 16 April 2025)

EGU25: numbers at a glance

- **1,099 active sessions** in total (+7% EGU24):
 - 730 disciplinary PG sessions, of which 48 are ITS sessions
 - 20 Education and Outreach Sessions (EOS), incl. GIFT workshop
 - 62 Short Courses + 2 Artist in Residence workshops
 - 39 Medal and Award Lectures
 - 9 Union Symposia and 9 Great Debates
 - 146 Townhall & Splinter meetings scheduled
- **ECS Networking, Science for Policy, and EDI Committee events**



EGU23 oral presentation
Photo credit: Pfluegl 2023

More on: <https://www.egu25.eu/>

- **Gender in Geoscience Friday 2 May, 8:30-10:15 CEST**
- **Engaging Communities in Hazard Risk and Disaster Management: Striking a Balance Between Top-Down and Bottom-Up Approaches Friday 2 May, 10:45-12:15 CEST**
- **Marine Carbon Dioxide Removal: Fostering Earth Science Forces for Combating Global Warming Friday 2 May, 14:00-15:40 CEST**

Great Debates Room E1

- **The Role of Large Language Models (LLMs) in Transforming Geosciences: Friend, Foe, or Fad? Thursday 1 May, 14:00–15:10 CEST**
- **Science and Activism – Compatible or Antithetical? Thursday 1 May, 16:15–18:00 CEST**
- **Late-Breaking Great Debate: How should the global geoscience community respond to attacks on science? Fri, 02 May, 16:15–18:00 (CEST)**

2026 EGU General Assembly

- 3 May - 8 May 2026.
- **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 2026
- 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 Linked-In
- Follow the EGU journal *Ocean Science* on www.ocean-science.net
- There is a slack channel for ECS in Ocean Science to get involved
- Reach out to ecs-os@egu.eu

Thank you for participating in the Ocean Science Division Meeting!



**Please
Give Us
Feedback!**

egu25.eu/feedback

EGU