

2025 ESSI Division Meeting

European Geosciences Union

Vienna, Austria & Online | 30 April 2025



Meetings | Publications | Outreach | www.egu.eu

The EGU Programme Committee welcomes you to EGU25!



Meet the PC Co-chairs &
EGU Events Manager:

On-site:

Wed, 30 April

15:30-16:00 CEST

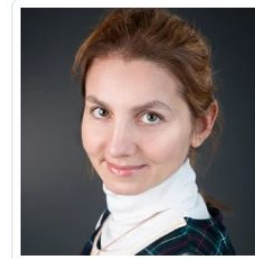
EGU Booth
Hall X2

Virtual:

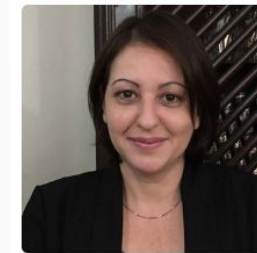
Tue, 29 April

10:15-10:45 CEST

vEGU Booth
Gather.Town



Ira Didenkulova
PC Co-chair



Maria-Helena Ramos
PC Co-chair



Jane Roussak
Events Manager

EGU Programme Committee | October 2024

https://egu25.eu/about/programme_committee_composition.html

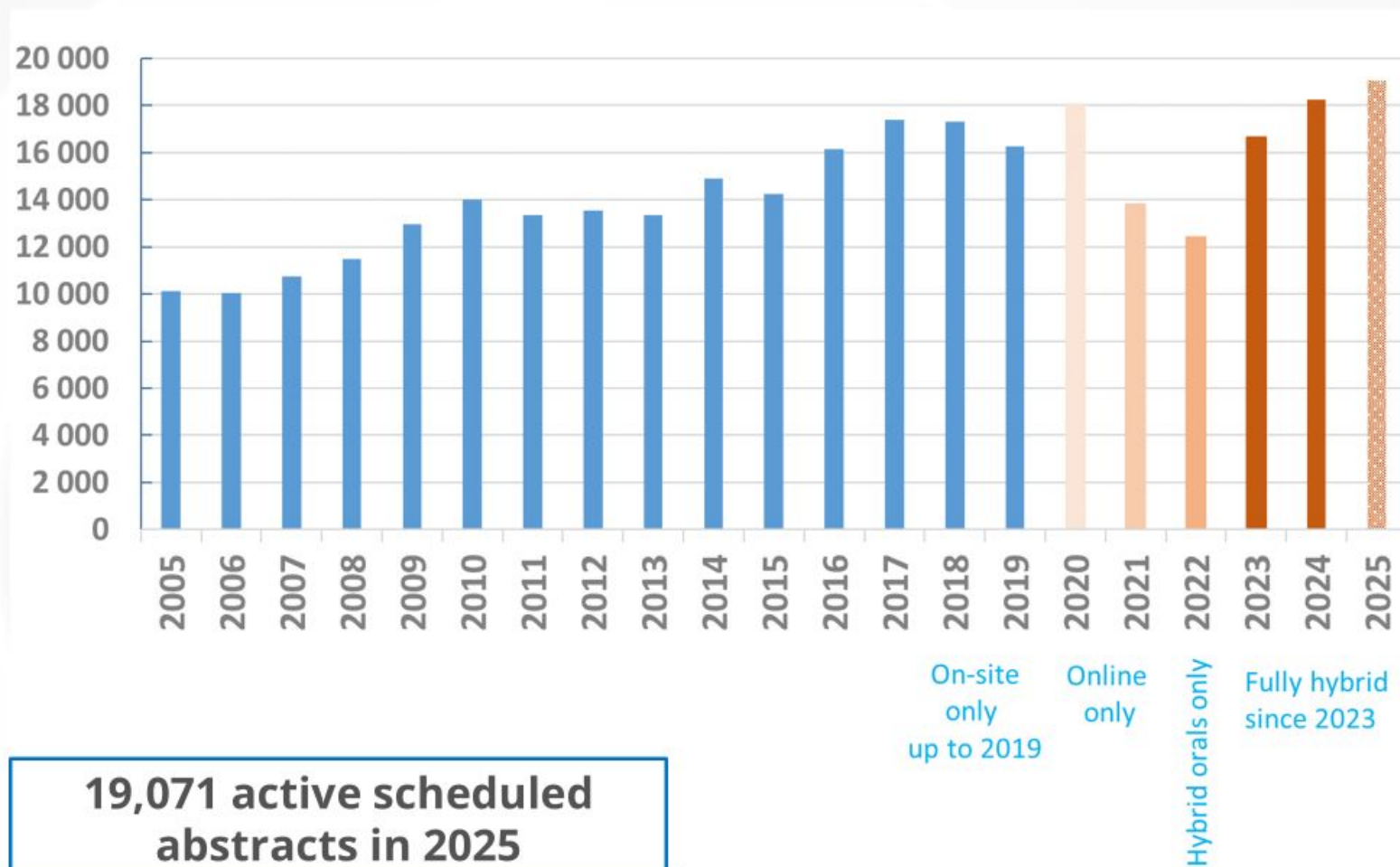
The EGU Programme Committee welcomes you to EGU25!

Our goal:

to provide a forum where scientists, especially early career researchers, can present their work and discuss their ideas with experts in **all fields of geoscience**, by offering a **hybrid, inclusive** and **environmentally friendly** as possible **General Assembly** that responds to the main **scientific challenges** of geosciences worldwide

EGU Programme Committee is comprised of a **Leadership team** (PC Co-chairs, Events Manager), EGU Executive Board, Copernicus Conference Manager, PC Officers and Coordinators, and **Programme Group Chairs** with their Science Officers.

https://egu25.eu/about/programme_committee_composition.html



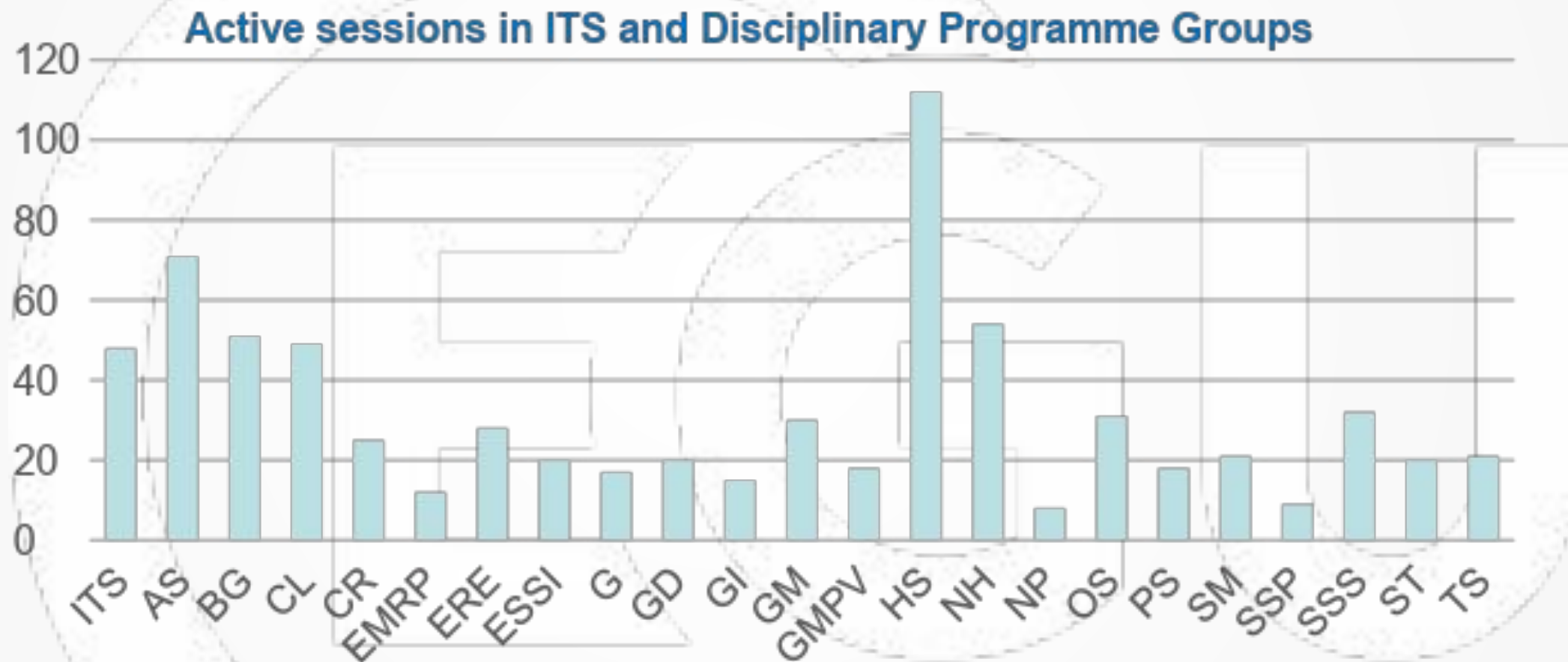
(as of 27 April 2025)



General
Assembly

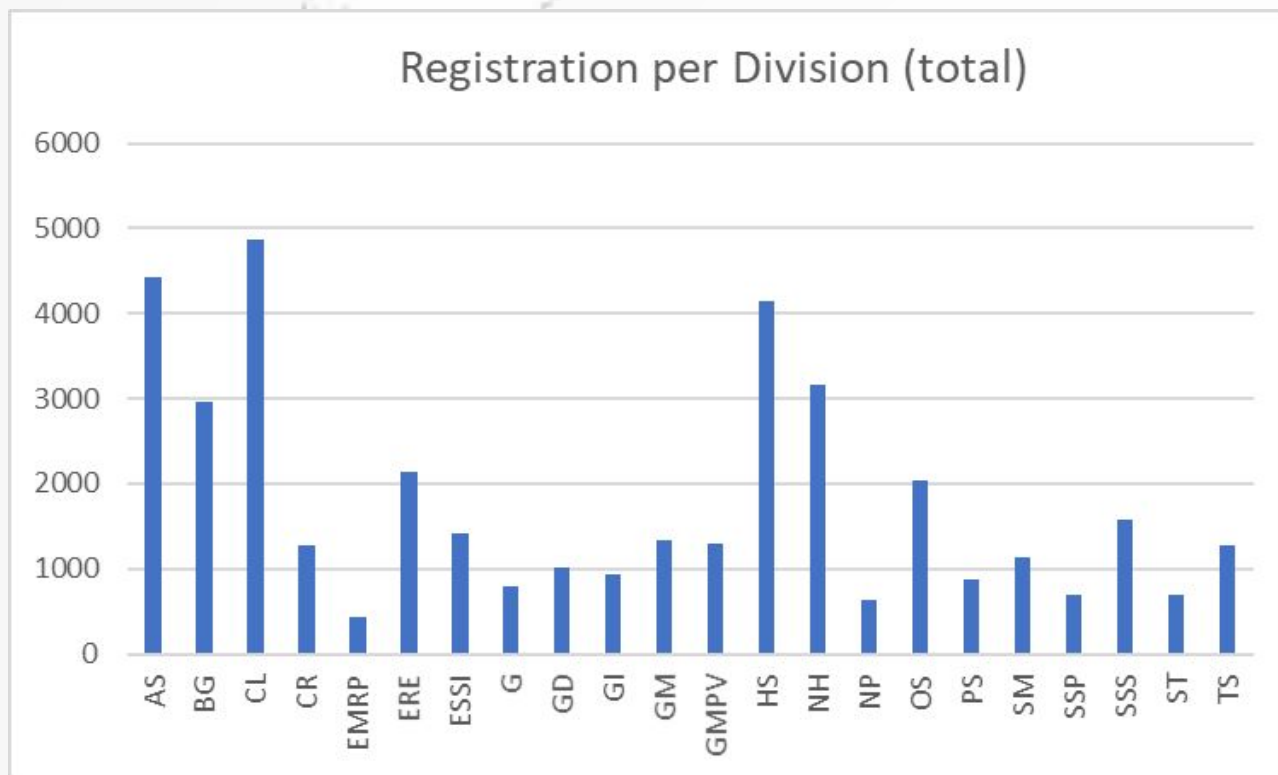
2025

Vienna, Austria & Online | 27 April–2 May 2025



(as of 16 April
2025)

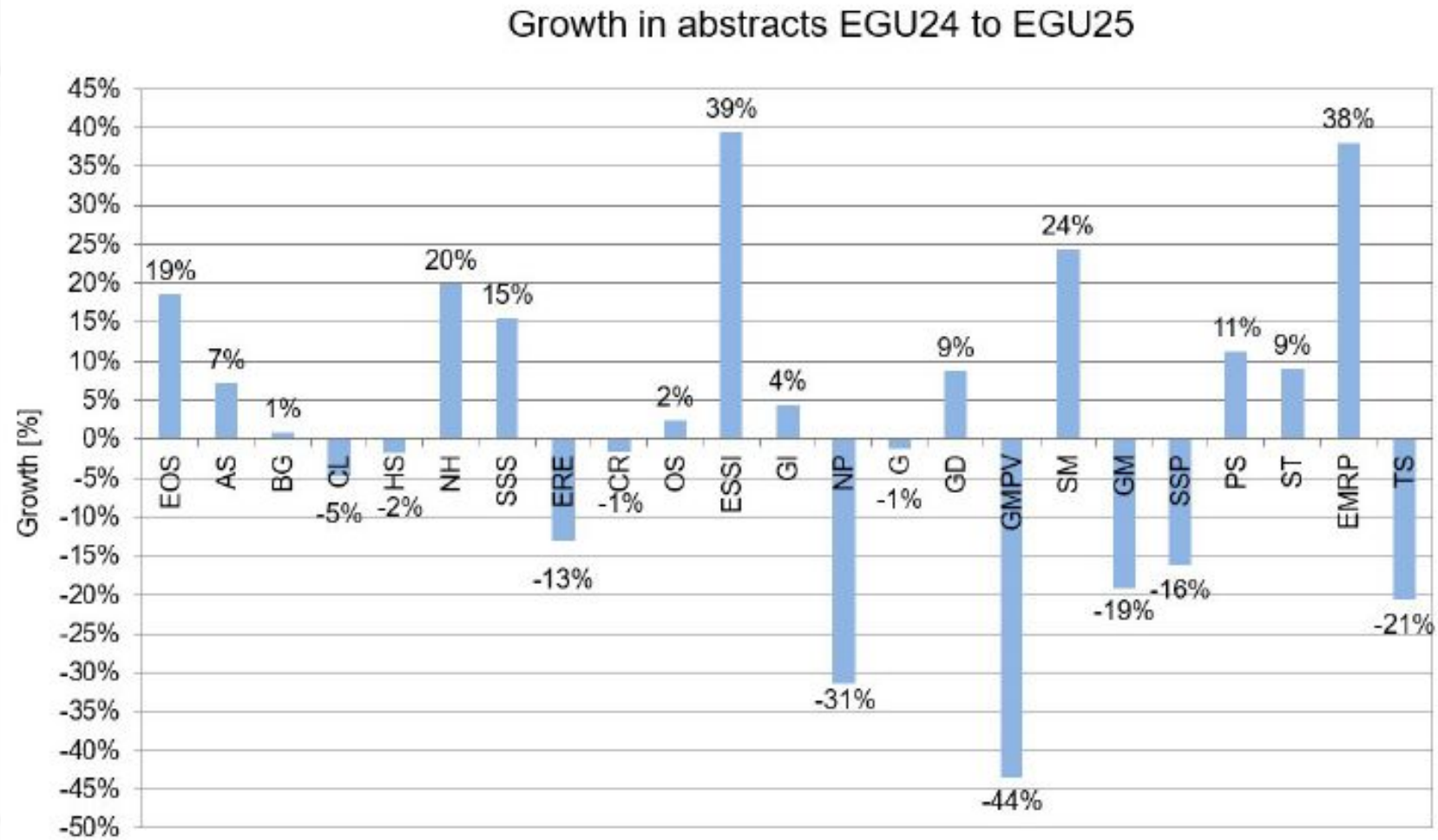
(a participant can choose more than one affiliation)



- 19,500+ **registrations** (9.5% for **virtual participation**; 8% in EGU24)
- 53% of virtual registration are “**free virtual registration**”
- 56% are **ECS**
- Gender**

Gender (paid)	On-site		Virtual		Total
Female	6.789	38%	798	43%	7.587
Male	10.265	58%	977	53%	11.242
Non-binary	63	0%	8	0%	71
Prefer not to answer	503	3%	64	3%	567

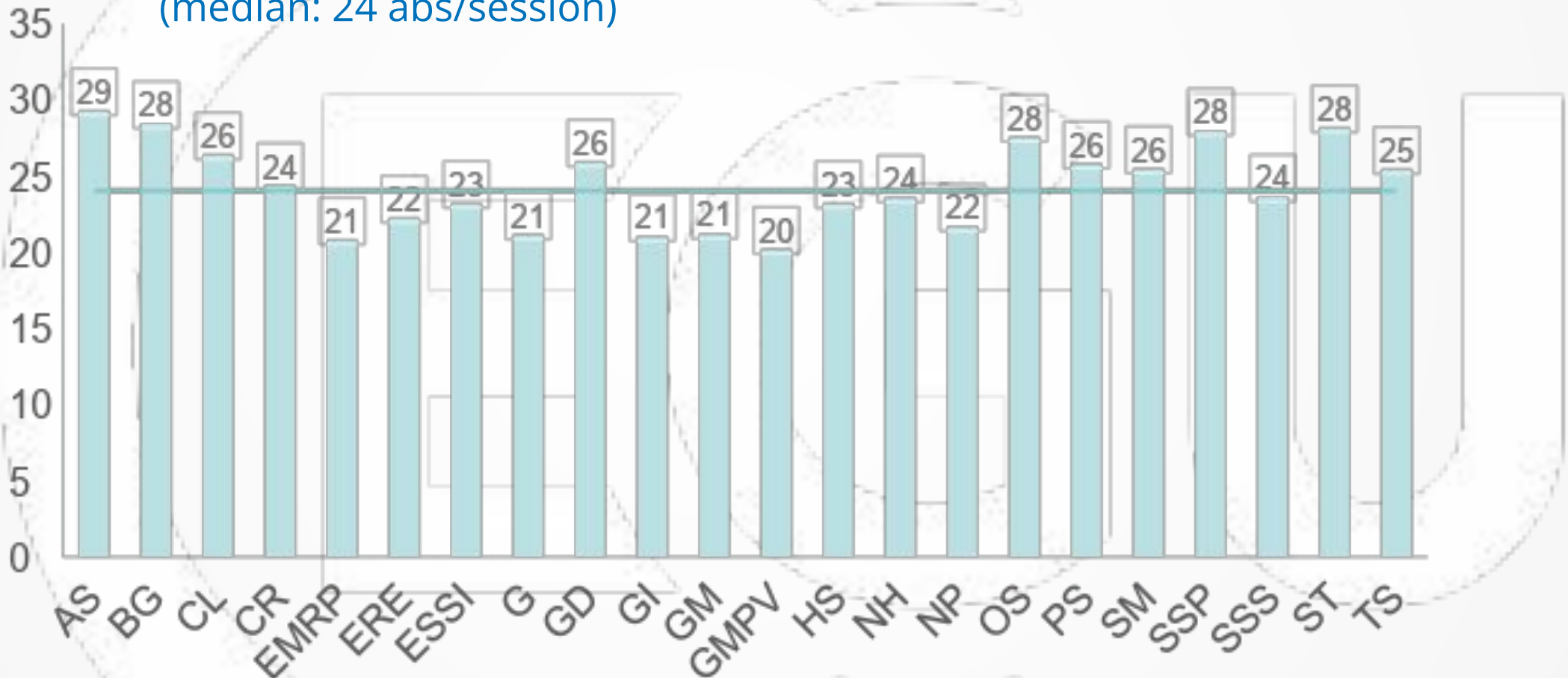
(as of 27 April 2025)



(as of 30 January 2025)

Abstracts per (lead) sessions per Programme Group (PG)

(median: 24 abs/session)



(as of 16 April
2025)

ESSI Division

European Geosciences Union



Meetings | Publications | Outreach | www.egu.eu

EGU ESSI Elections

Congratulations to Kirsten Elger as the new EGU ESSI President and Programme Group Chair.

Thank you very much to

- Conrad M. Albrecht
- Andrea Vitale
- Joan Masó

for their candidacies for this extraordinary election.

EGU ESSI Team

President and Programme Group Chair:

- Outgoing: Jens Klump
- Incoming: Kirsten Elger

Deputy President:

- Outgoing: Kaylin Bugbee
- Incoming: Christof Lorenz (proposed)

EGU ESSI Deputy Division President

- Presentation of the candidate and vote

Dr. Christof Lorenz

Education

- Dipl.-Ing. Geodesy & Geoinformatics (University of Stuttgart)
- PhD in Climate & Environmental Sciences (University of Augsburg)

Professional Experience

- Since 2022: Head of WG IFU DataInitiative at KIT Campus Alpin
- 2020 – 2022: DataManager, Karlsruhe Institute of Technology
- 2010 – 2020: Researcher, Karlsruhe Institute of Technology

Community Services / expert activities

- Member of EOSC Technical and Semantic Interoperability Task Force
- EGU ESSI Science Officer for Hydrology
- Topical Editor for Copernicus Earth System Science Data (ESSD)
- Coordinator / lead of working groups and projects in the fields of research data management & infrastructures
- Reviewer for scientific journals and funding agencies



In my work, I have always bridged environmental research, software development, and data management, driven by a strong commitment to open science and FAIR data.

EGU ESSI provides a unique framework to strengthen these fields, connecting communities and experts across disciplines.

EGU ESSI Team

Science Officers:

- Kerstin Lehnert (Geochemistry)
- Antonio Novellino (Oceanography)
- Christof Lorenz (Hydrology)
- Martina Stockhause (Liaison AGU Informatics Section)

OSPP Coordinator: *Christopher Kadow* (outgoing)

Ian McHarg Medal Committee Chair: Alice Fremand (incoming)

ECS Representative: Alba Brobia Ansoleaga

EGU ESSI Team

ESSI Programme Group conveners:

ESSI 1: Next-Generation Analytics for Scientific Discovery: Data Science, Machine Learning, AI

- Federico Amato
- Kerstin Lehnert
- Christian Chwala

ESSI 2: Data, Software and Computing Infrastructures across Earth and Space Sciences

- Horst Schwichtenberg
- Mohan Ramamurty
- Paolo Mazzetti
- Peter Löwe

EGU ESSI Team

ESSI Programme Group conveners (con't)

ESSI 3: Open Science Informatics for Earth and Space Sciences

- Kirsten Elger
- Pierre Philippe Mathieu
- Martina Stockhause

ESSI 4: Advanced Technologies and Informatics Enabling Transdisciplinary Science

- Kirk Martinez
- Jens Klump
- Lesley Wyborn

EGU ESSI Division

Ian McHarg Medal Committee

- Alice Fremand (chair)
- Marthe Klöcking
- Lesley Wyborn
- François Robida
- Mikhail Kanevski
- Stefano Nativi (outgoing)

Changes in EGU ESSI

New Division President and Deputy

- Kirsten Elger
- Christopher Lorenz (proposed)

New Chair of the Awards & Medal Committee

- Alice Fremand (proposed)

Report from the ECR Representative

Early Career Scientist (ECS) Representative

Alba Brobia Ansoleaga

Activities & Impact Working Group (ECS specific WG)

EGU Scavenger Hunt @ NHM Vienna EGU GA 2025 pop-up event

Communication and outreach

EGU Blogs > ESSI > GeoTalk: meet Alba Brobia Ansoleaga, researcher improving data access for researchers and decision-makers

EGU Community events

EGU February meetings 2025. Ismaning, Bavaria, Germany

Do you want to be the next ESSI ECS rep?

Prepare your candidature for 2026!

Pop-up event

EGU SCAVANGER HUNT @ NHM Vienna

Sun, 27 April, 14:00-15:30

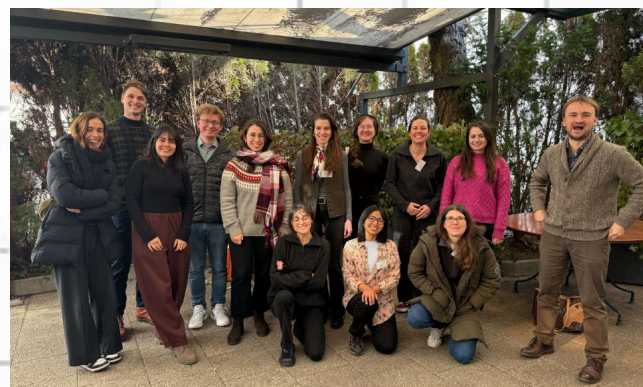
Mon, 28 April, 8:45-10:00

Natural History Museum Vienna - meeting point in front of the museum



Pop-up event image

Credit: ECS A&I WG



ECS rep group
EGU February Meetings

Credit: Dan Evans

EGU ESSI Division Medal & Award

2025 Ian McHarg Medal

Lesley Wyborn

The 2025 Ian McHarg Medal is awarded to Lesley Wyborn for achievements in enabling collaboration among international organisations and leadership with regard to global, multidisciplinary data infrastructure in the fields of Earth and space sciences.



2025 Division Outstanding Early Career Scientist Award

Marthe Klöcking

The 2025 Division Outstanding Early Career Scientist Award is awarded to Marthe Klöcking for remarkable contributions to advancing Open Data in the Earth Sciences.



OSPP Award

The 2024 OSPP Award goes to ...

Fabian Schumacher

Fabian Schumacher is a bachelor graduate at the Institute for Geoinformatics at the University of Münster. Currently he is working as student research assistant under the supervision of Hanna Meyer in the Remote Sensing and Spatial Modelling Research Group (Institute of Landscape Ecology) focusing on the assessment of spatial prediction model uncertainty.

The work he has presented at the EGU24 introduced a novel approach to assess the uncertainty of machine learning-based spatial prediction models by calculating local training data point densities (LPD). The LPD is a quantitative measure that indicates, for a new prediction location, how many similar reference data points have been included in the model training.



Union-level Events and News

European Geosciences Union



Meetings | Publications | Outreach | www.egu.eu

**Trusted Data Propels
Trust in Science**

**Open Science &
Data Help Desk**

Participating Organisations

Hosts



Add'l Organisers



& many more partners ...



Union Symposium

6 Advancing Measurements and Observations in the Geosciences

**Thursday 1 May, 8:30–10:15 CEST
Room E1**

#EGU25



Union Symposium

8

Gender in Geoscience

Friday 2 May, 8:30–10:15 CEST
Room E1

#EGU25



Union Symposium

**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
Room E1**

#EGU25



Union Symposium

**Marine Carbon Dioxide Removal:
Fostering Earth Science Forces for
Combating Global Warming**

**Friday 2 May, 14:00–15:45 CEST
Room E1**

#EGU25



Great Debate

**Will digital technologies close or
widen gaps within the
geosciences?**

**Thursday 1 May, 10:45–12:30 CEST
Room E1**

#EGU25



Great Debate

**The Role of Large Language Models
(LLMs) in Transforming Geosciences:
Friend, Foe, or Fad?**

**Thursday 1 May, 14:00–15:45 CEST
Room E1**

#EGU25



Great Debate

7 Science and Activism – Compatible or Antithetical?

Thursday 1 May, 16:15–18:00 CEST
Room E1

#EGU25



Great Debate

How should the global geoscience community respond to attacks on science?

**Friday 2 May, 16:15–18:00 CEST
Room E1**

#EGU25



EGU Award & Medal Celebration

**Wednesday 30 April,
17:00-19:30 CEST**

#EGU25

Room E1

The EGU online

#EGU25



EuropeanGeosciencesUnion



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EuropeanGeosciencesUnion



@EuroGeosciences@mastodon.social



@egu.eu

The EGU blogs

GeoLog

The Union's official blog - geolog.egu.eu

blogs.egu.eu

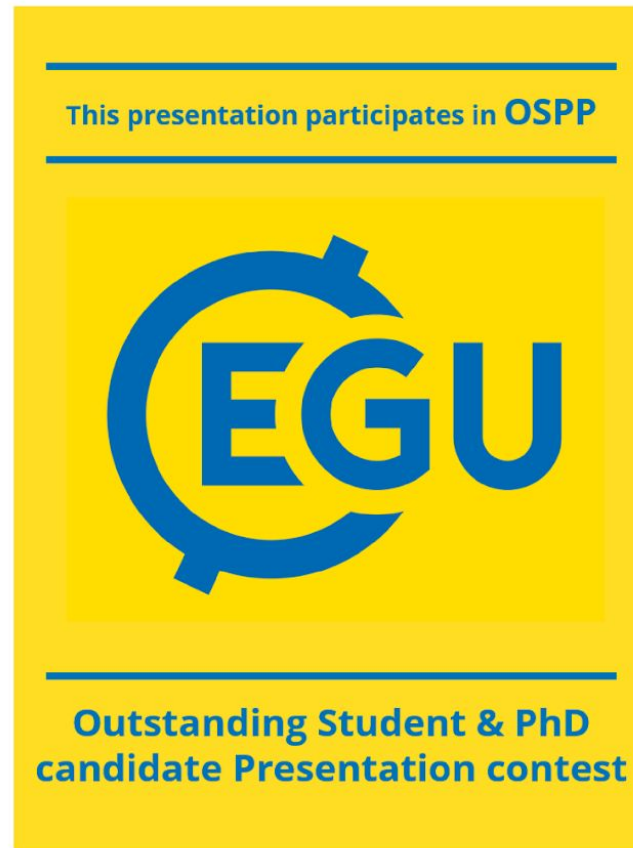
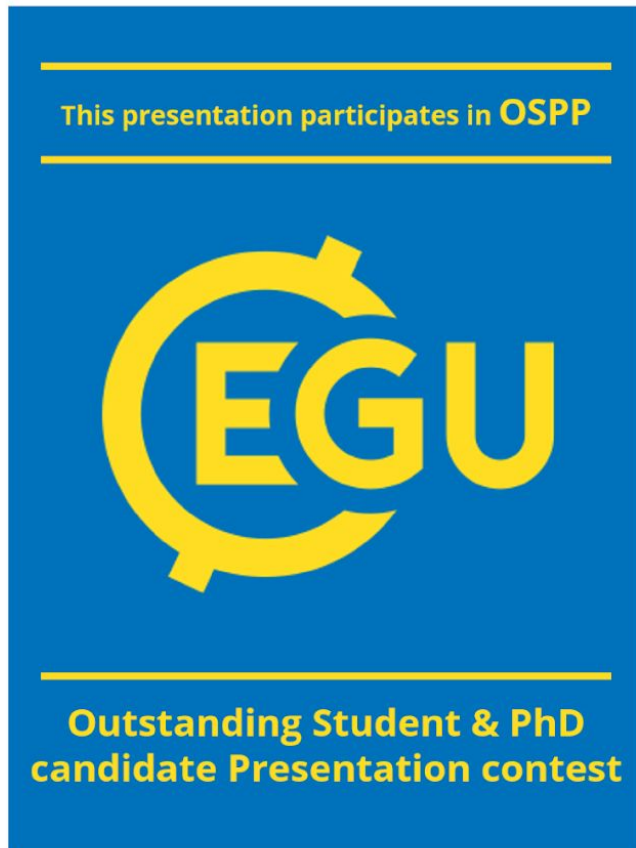
EGU Division blogs

The latest news, events, activities and research from EGU's 22 Divisions - blogs.egu.eu/division



www.egu.eu | info@egu.eu

Outstanding Student and PhD-candidate Presentations (OSPP) are now open for judging!



If you are an OSPP judge,
look for the logos on OSPP
presentations and submit
your assessment today!



Find out how you can more effectively engage with policymakers and how your research can have policy impact.

Science for Policy sessions

**Listed under the “Policy”
category of the EGU25
Programme!**

EGU25 Science for Policy Help Desk

**12:00-13:00 CEST daily
at the EGU Booth (Hall X2)**

Where science meets storytelling

Explore the EGU25 Press Conference programme,
available for on-demand viewing! ➡



Visit www.egu.eu/gamedia/2025
for all our Press Centre updates,
including a free science-media
toolkit for insight and tips on
speaking to a Media professional!

Open Access Publications



- Open Access Journals
- Interactive Public Peer Review



www.egu.eu/publications



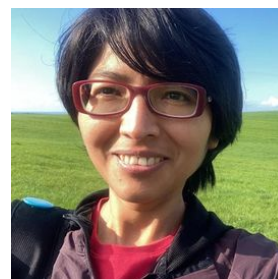
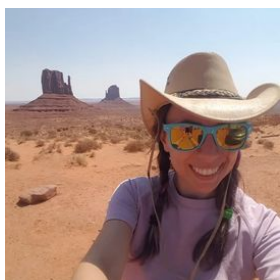
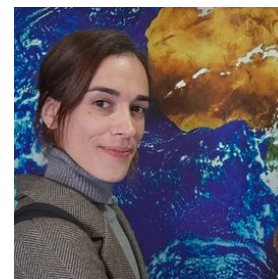
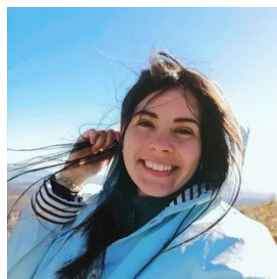
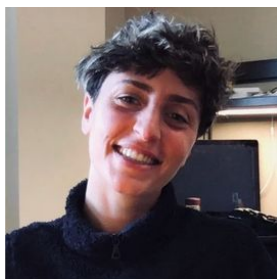
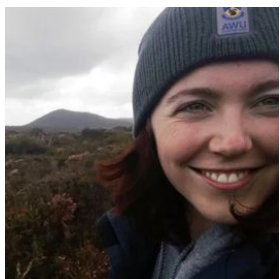
Early Career Scientist Representatives



<https://www.egu.eu/ecs>



ecs@egu.eu



Head on over to the EGU Booth!

- Learn about EGU activities
- Meet members of the EGU Council & Committees
- Cast your vote for the photo competition
- Browse through EGU merchandise... and more!



Hall X2

All the seats taken in a session? Missing a day for travel?

Join EGU25 online!



- Interactive 8-bit conference platform available to all EGU25 registered participants
- Used for **virtual posters** during timeblock 3, networking & more
- Custom design inspired by the Austria Center Vienna!




EGU





Photo credit: [V. De Micco, 2024](#)

The EGU Topical Events Committee provides **financial support** to training school and conference organisers, with intent to facilitate participation of early career scientists and/or to support the quality of the event's scientific programme.

Learn more about eligibility
& **submit your application**
by 16 May 2025 





EGU Special Activity Fund 2026 – call for proposals

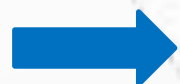
Goal: Promote **high-profile, innovative, ‘out-of-the-box’**, non-profit **activities contributing to EGU’s vision and strategy:**

<https://www.egu.eu/about/strategy/>

Key points: ~20-30k EUR per project, activity has to start and must be completed in 2026

Application process:

- Concept note due by Fri 13 June 2025
- Full proposals (upon invitation by mid-July) due by Fri 19 Sept 2025
- Decision by October 2025



For details and to **submit a concept note** (DL13.06.2025):

<https://www.egu.eu/meetings/special-activity-fund/>

EGU Persons of Trust

We are committed to providing a **safe, open, accessible, and respectful General Assembly**, as per the EGU Code of Conduct.

Any behaviour that is disrespectful or violates the Code of Conduct can be **reported to the designated Person(s) of Trust**

- by emailing **conduct@egu.eu**
- or on-site, 8:00-17:00 at the **EGU Info Desk (Yellow level)**



**Please
Give Us
Feedback!**

egu25.eu/feedback

Any other business?

Your questions ...

