

# ESSI Division Meeting

EGU General Assembly 2023

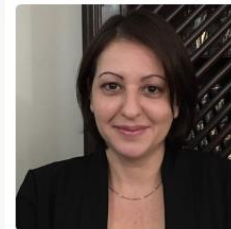


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Meetings | Publications | Outreach | [www.egu.eu](http://www.egu.eu)

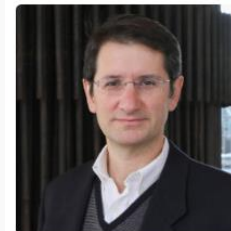
## Updates from the EGU Programme Committee (PC)

- **EGU Programme Committee** now has **two PC Co-chairs**, appointed by the EGU Council for the planning of the General Assemblies 2023 & 2024. They are supported by the **Events** Co-Ordinator, an EGU office staff member
- **The Programme Committee** is comprised of **General Positions** (Executive Board, Conference Organizer, PC Co-chairs), and **Programme Group Chairs** (22 EGU Divisions with their science officers + SC, ITS, EOS)
- **Our goal:** to transition to a stable fully **hybrid** format of the General Assembly, taking into consideration **inclusivity** and **sustainability** wherever possible and responding to the main **scientific challenges of geosciences worldwide**



Maria-Helena  
Ramos

PROGRAMME COMMITTEE  
CO-CHAIR



Athanasios Nenes

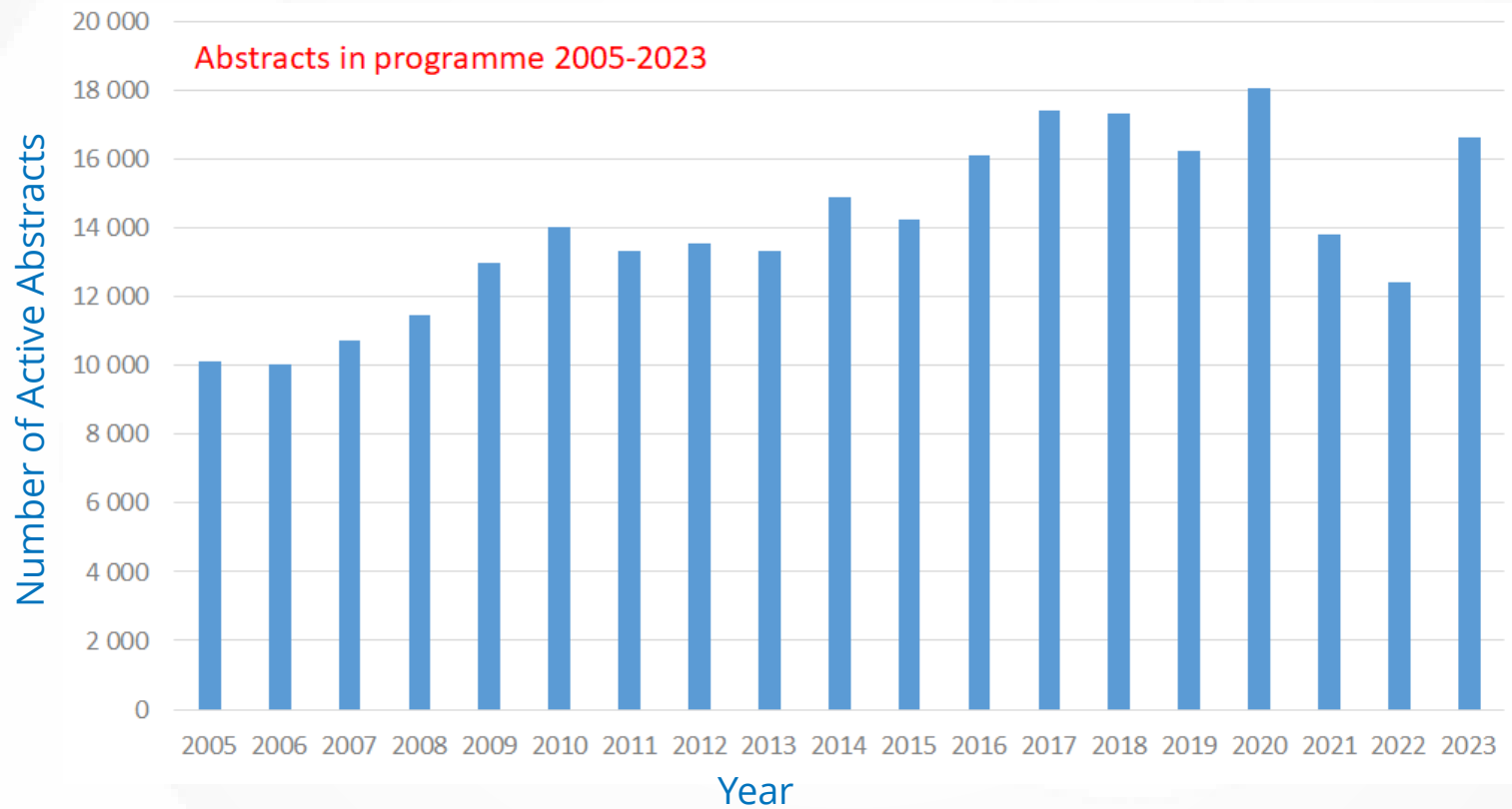
PROGRAMME COMMITTEE  
CO-CHAIR



Jane Roussak

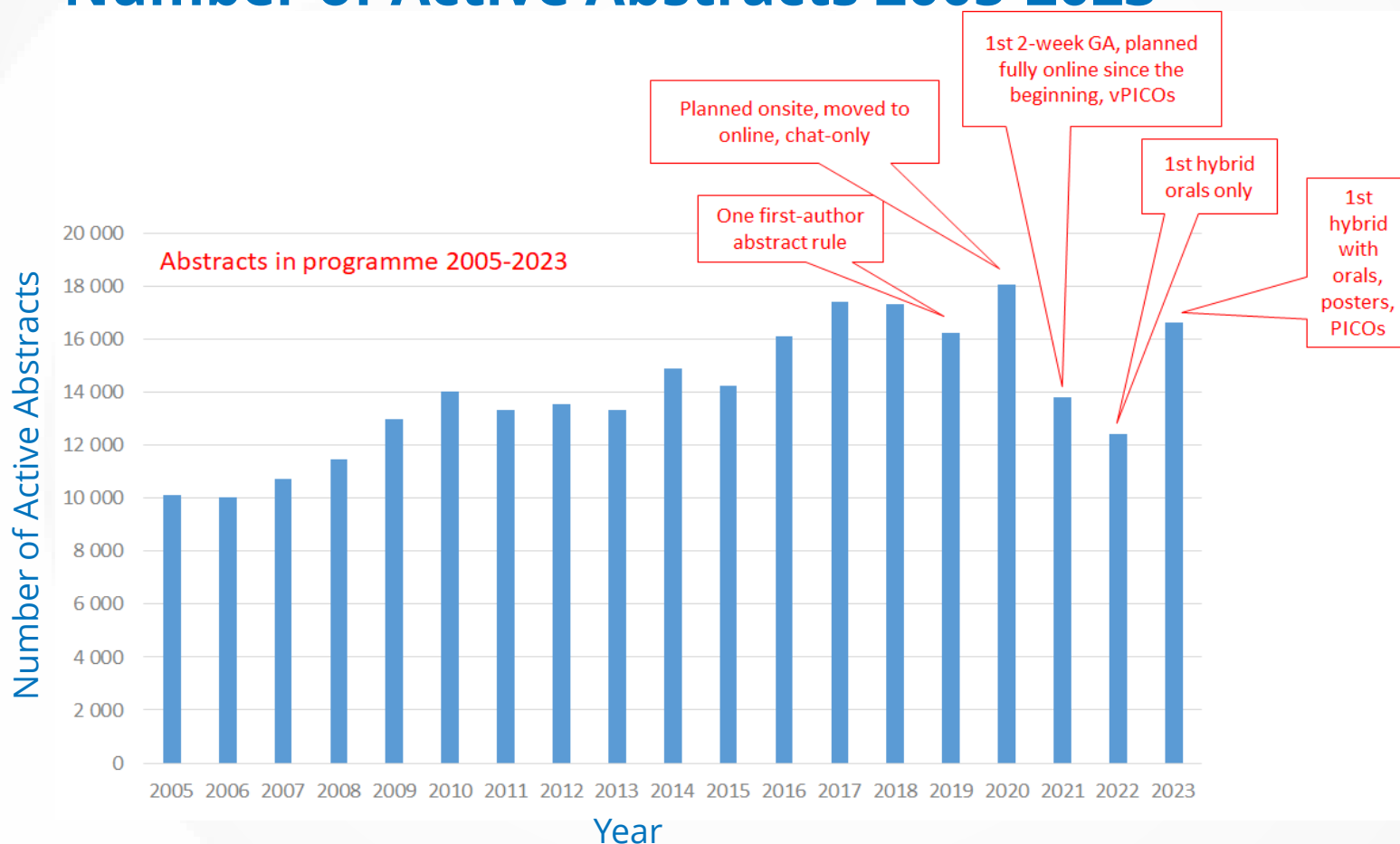
EVENTS CO-ORDINATOR

## Number of Active Abstracts 2005-2023



- **16,646 active scheduled abstracts** (as of 12 April)

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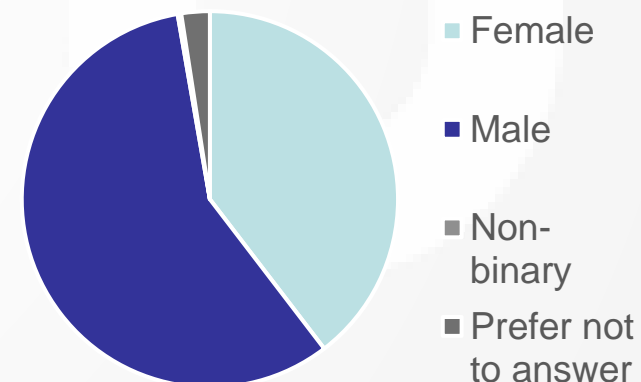


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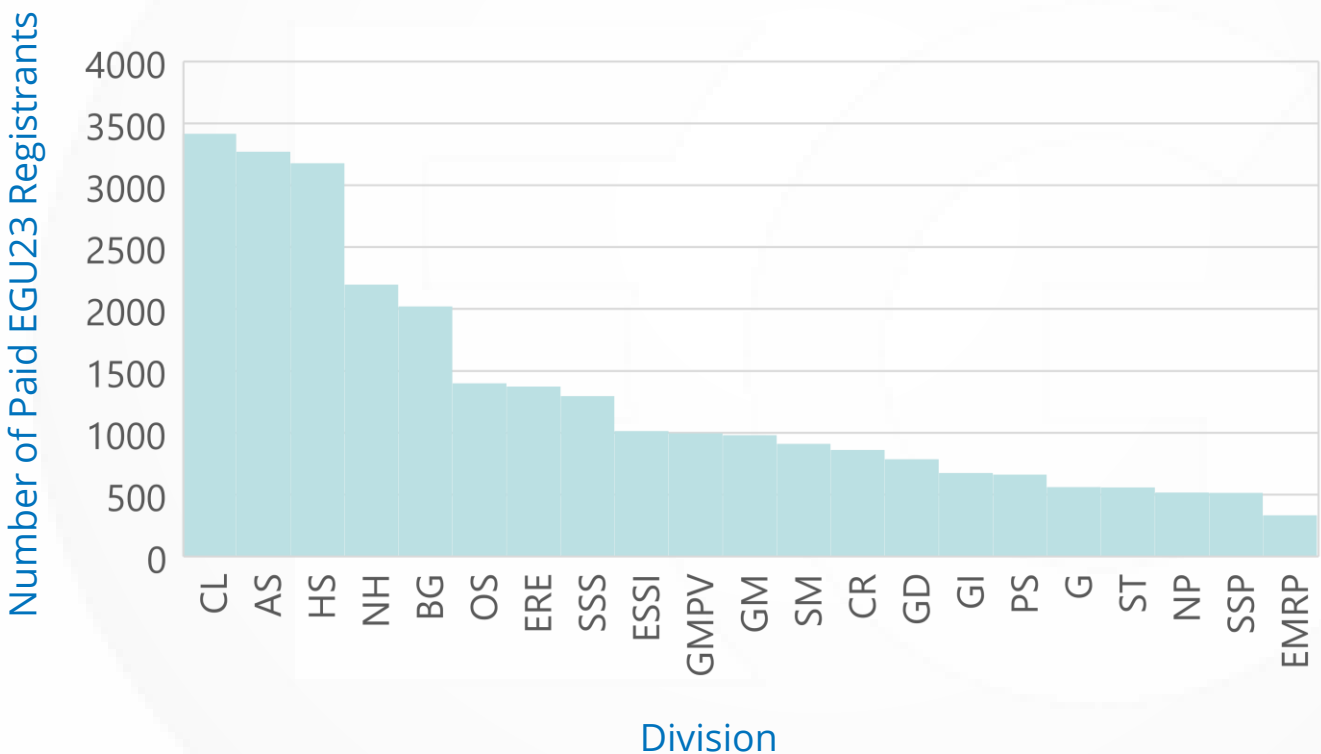
## EGU23 Registration Statistics (as of 17 Apr)

- 16,604 **active scheduled abstracts**
- 15,319 **total registrations** (13,287 on-site / 2,032 virtual)
- ~13% of total participants registered for **virtual participation**
- ~ 40% of total participants are **PhD candidates, Master or Undergraduate students** (~ 25% participating virtually)
- ~ 5% of registered participants from **low- & lower-middle income countries** (approx. equally distributed onsite & virtual participation)
- **Gender:** male (~ 57 %) and female (~ 39 %), with less difference between percentages for virtual participation



# EGU Division Affiliation of Paid Registrations (as of 12 Apr)

(note: a participant can choose more than one division of affiliation)



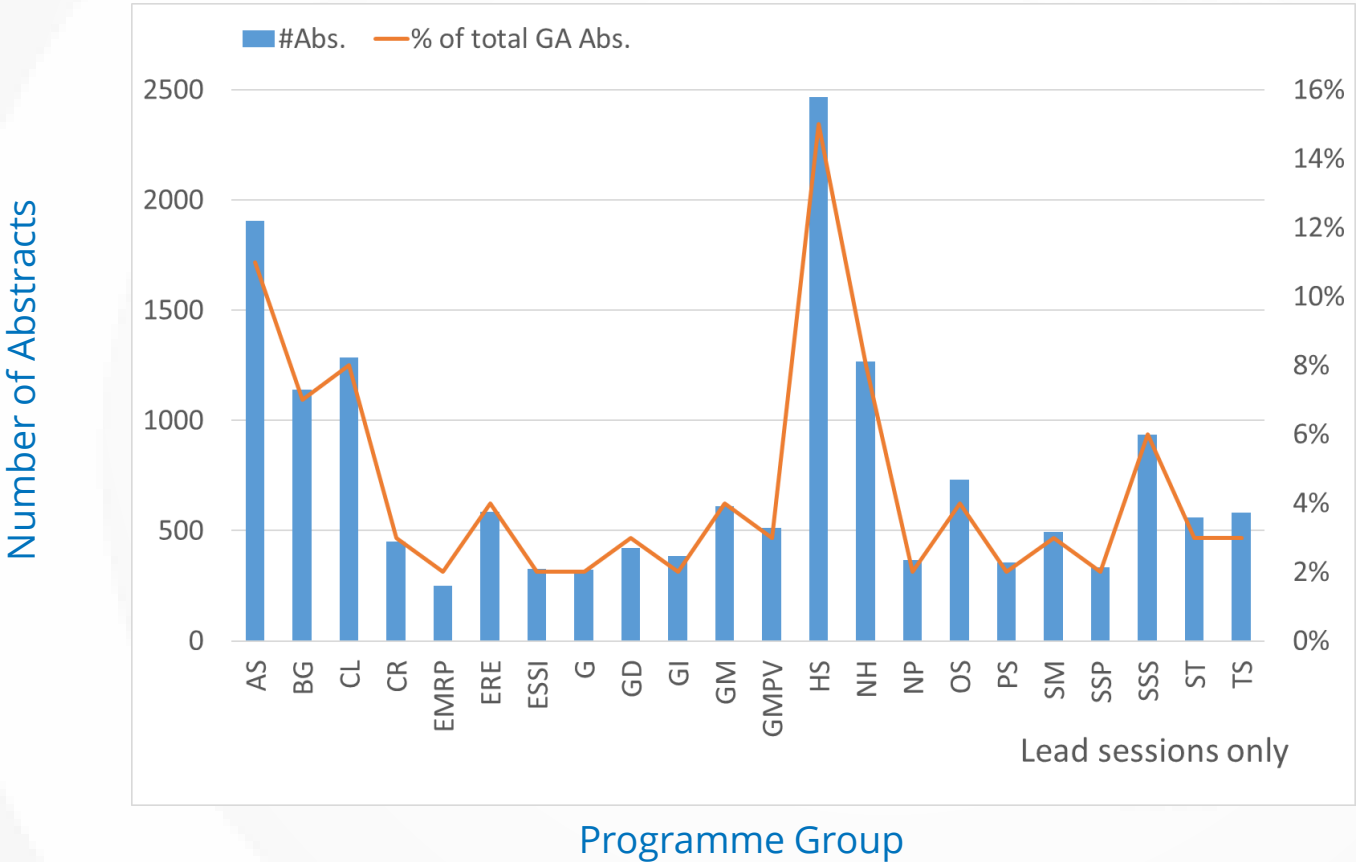
## EGU23 Session Statistics (as of 12 Apr)

- **925 active sessions:**
  - 629 division-led sessions, of which 25 ITS sessions
  - 14 Education and Outreach Sessions (EOS) + GIFT workshop
  - 51 Short Courses + 2 Artist in Residence workshops
  - 39 Medal and Award Lectures
  - 5 Union Symposia and 6 Great Debates
  - 114 Townhall & Splinter meetings scheduled
  - 52 sessions (incl. 4 SC) co-sponsored by sibling organizations
- ECS Networking, Science for Policy, and EDI Committee events

More on: <https://www.egu23.eu/>

# EGU23 Abstracts per Programme Group

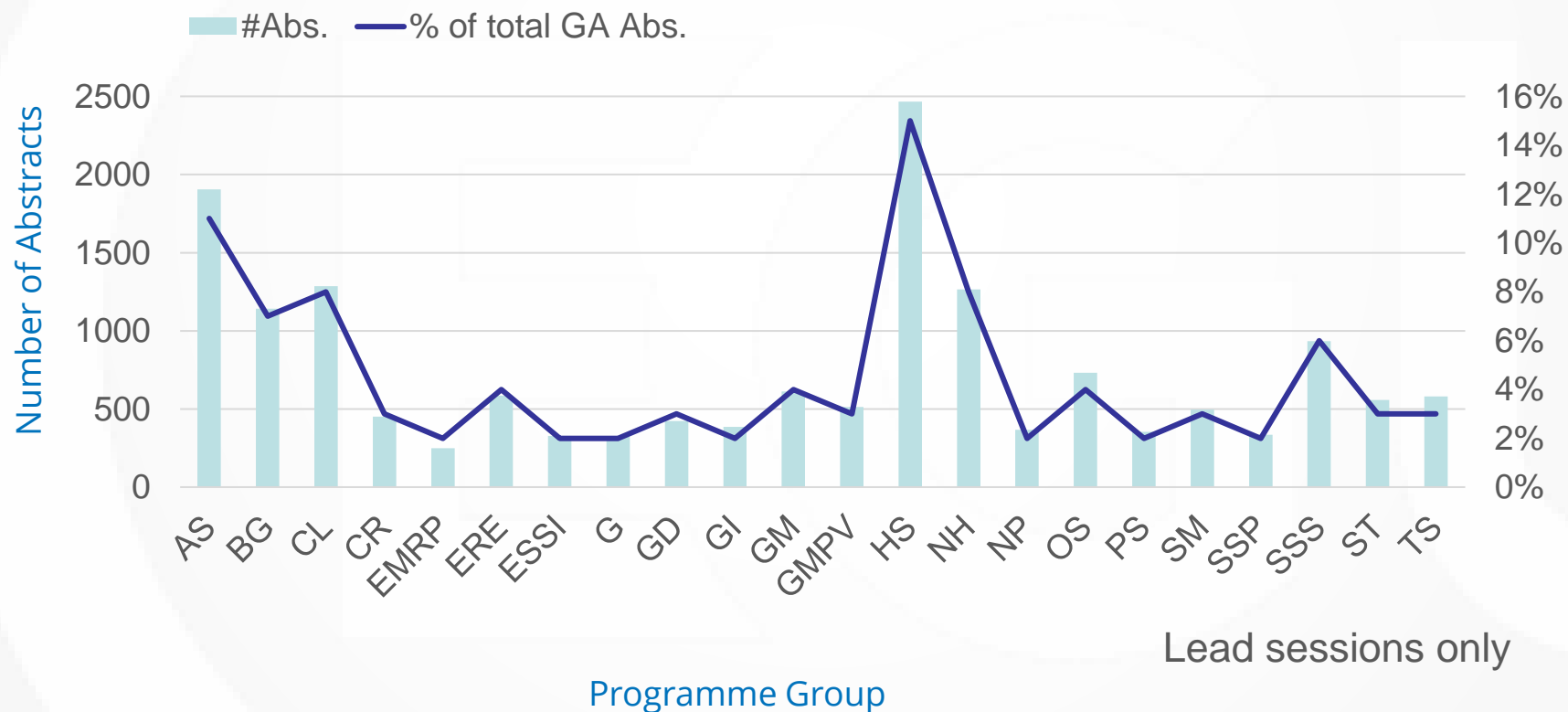
(as of 12 Apr)



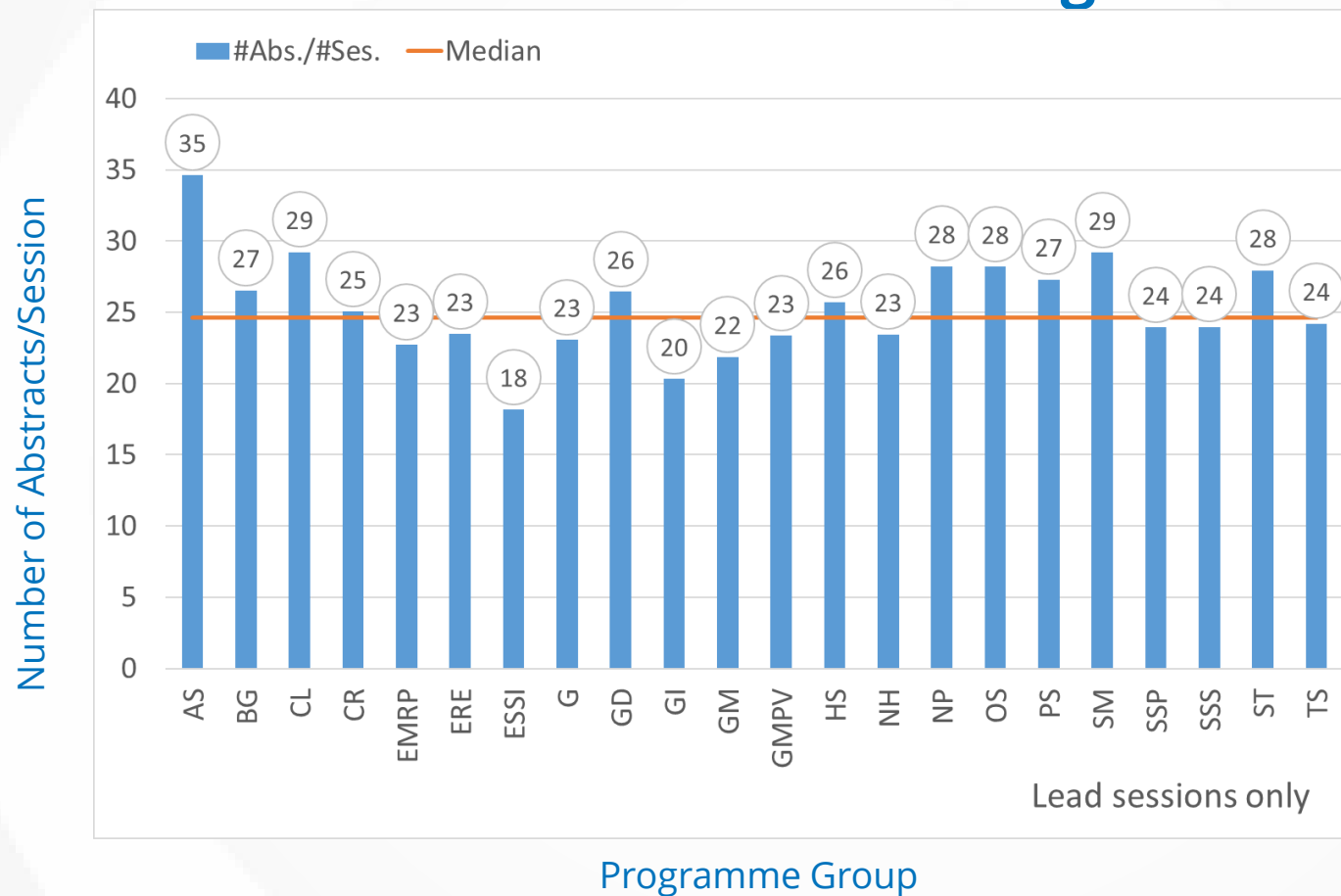


## EGU23 Abstracts per Programme Group

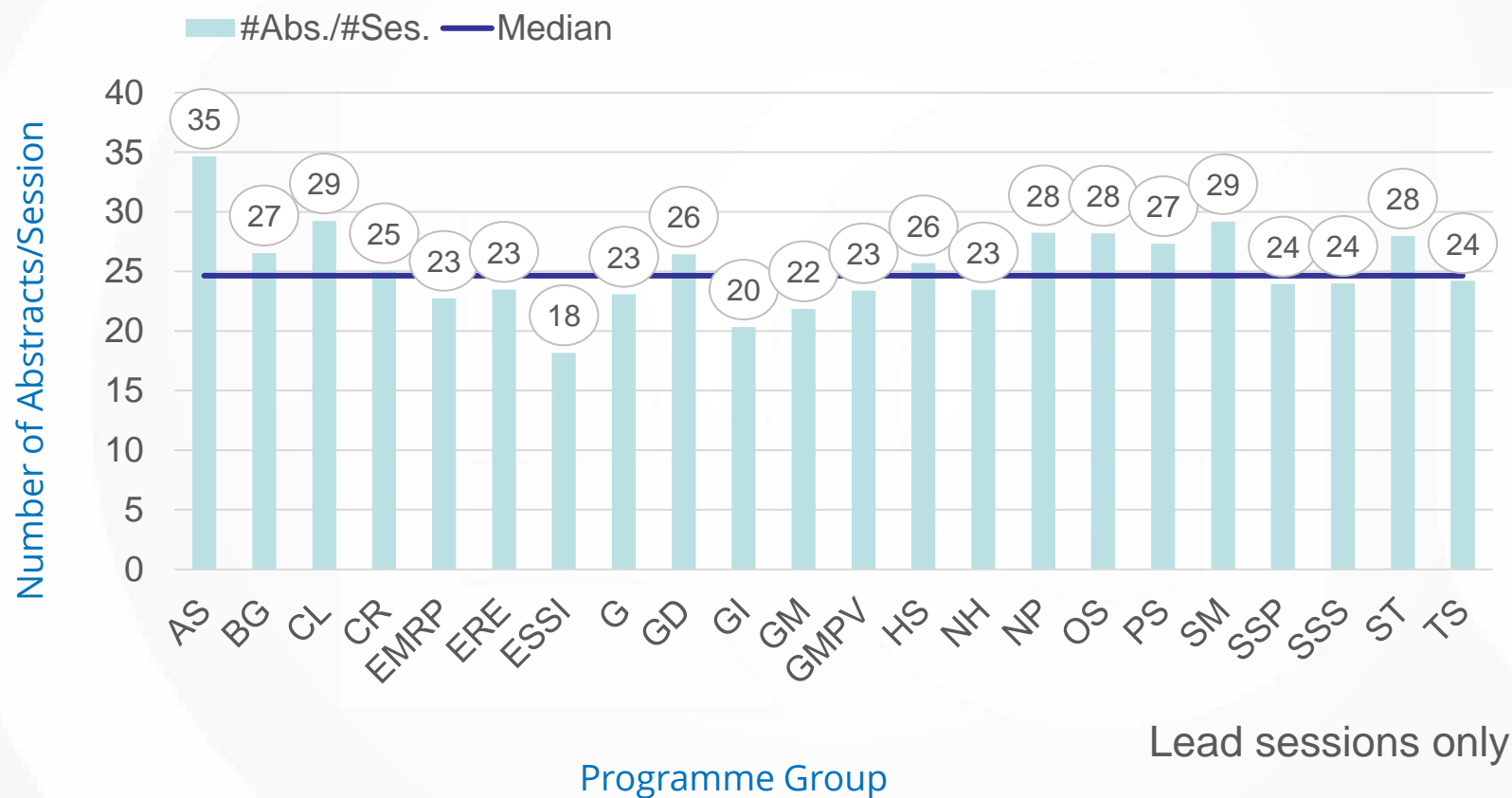
(as of 12 Apr)



## EGU23 Abstracts Per Session Per Programme Group (as of 12 Apr)



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## Union-Wide Events: Highlights

- **EGU e.V. Plenary:** Mon 24 Apr, 12:45–13:45 (CEST) Room E1
- **EGU Award & Medal Celebration:** Wed, 26 Apr, 17:30–19:30 (CEST) Room E1
- A broad programme of activities taking place throughout the week in addition to Division & ITS sessions:

### Union-wide

- Union Symposia (US)
- Great Debates (GDB)
- Medal & Award Lectures and Celebrations (MAL)
- Short Courses (SC)
- Education and Outreach Sessions (EOS)
- Networking (NET)
- Feedback and Administrative Meetings (FAM)

### Community-led


- Townhall Meetings (TM)
- Splinter Meetings (SPM)
- Lectures organized by related scientific societies (LRS)
- Pop-up networking events
- Pop-up exhibitor events

# Open Science and Data Help Desk during EGU 2023

**24-28 April 2023**

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

 Visit us in person at **Booth X224**

 Ask questions through twitter via **#DataHelpDesk**

 View our online **gallery of resources**

**Details and  
Full Schedule:**



A Program of EGU, AGU, ESIP,  
and their partners





## Science for Policy Sessions/Events



- SC3.14 - **How to create spaces for science-policy interaction and dialogue**, Tue, 25 Apr, 10:45–12:30 (CEST) Room -2.85/86
- SC3.13 - **What are Science4Policy competences and why are they crucial for researchers to achieve policy impact**, Wed, 26 Apr, 16:15–18:00 (CEST) Room -2.61/62
- **EGU Science for Policy Help Desk**, 12:00 – 13:00 everyday at the EGU Booth



## 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**





**EGU23**

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**EGU Award  
& Medal  
Celebration**

**Wednesday 26 April,  
17:30-19:30 CEST**

**Room E1**





# **Union Symposium 4**

**Juggling parenting and caring responsibilities with a career in the geosciences: barriers and opportunities to increasing accessibility and inclusion**

**Tues. 25 April, 14:00-18:00 CEST  
Room E1**

**#EGU23**





# **Union Symposium 1**

**Managing compounding  
impacts from extreme events  
through societal crises**

**Wed. 26 April, 10:45-12:30 CEST  
Room E1**

**#EGU23**





# **Great Debate 6**

**Open access publishing:  
national strategies,  
challenges and solutions**

**Thurs. 27 April, 8:30-10:15 CEST  
Room E1**

**#EGU23**





# **Great Debate 4**

**Scientific Neocolonialism:  
tools and mechanisms to advocate  
and amplify the voices, knowledge  
and recognition of local knowledge  
in geoscience research**

**Thurs. 27 April, 10:45-12:30 CEST**

**Room E1**

**#EGU23**





# **Great Debate 1**

**The thrills and dangers of  
extending human impact beyond  
our planetary boundaries**

**Thurs. 27 April, 14:00-15:45 CEST  
Room E1**

**#EGU23**





# **Union Symposium 3**

**Challenges and solutions to increasing  
accessibility, representation, recognition  
and diversity of European countries in  
the European geosciences community**

**Fri. 28 April, 8:30-12:30 CEST  
Room E1**

**#EGU23**

# **ESSI**

**Earth and Space Science Informatics**



# The EGU ESSI Division

President and Programme Group Chair: Jens Klump

Deputy President: Martina Stockhause

Science Officers:

- Kerstin Lehnert (Geochemistry)
- Reinhard Budich (Meteorology and Climatology) (outgoing)
- Antonio Novellino (Oceanography)
- Christof Lorenz (Hydrology)
- Martina Stockhause (Liaison AGU Informatics Section)

Medal Committee Chair: Kirsten Elger

ECS Representative: Kaori Otsu

# The EGU ESSI Division

## Section conveners:

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

- Federico Amato
- Kerstin Lehnert

### **ESSI 2: Data, Software and Computing Infrastructures across Earth and space sciences**

- Horst Schwichtenberg
- Mohan Ramamurty
- Paolo Mazzetti
- (vacant; Wim Som de Cerff rotating off)

### **ESSI 3: Open Science Informatics for Earth and Space Sciences**

- Kirsten Elger
- Pierre Philippe Mathieu
- Dirk Fleischer

### **ESSI 4: Advanced Technologies and Informatics Enabling Transdisciplinary Science**

- Jane Hart
- Jens Klump
- Lesley Wyborn

## Changes in EGU ESSI

- ***New Science Officer Hydrology***

Hydrology is by far the largest EGU Division. We decided to create a new role for a Science Officer Hydrology, and we propose Christof Lorenz for this role.

- ***New Science Officer Meteorology and Climatology***

Reinhard Budich is stepping down from the role. We propose Sven Willner to replace him.

- ***New Section Programme Convener for ESSI 2: Data, Software and Computing Infrastructures across Earth and space sciences***

Wim Som de Cerf is stepping down from his role as Section Programme Convener.

## EGU ESSI Division Medal

- ***Redefining the scope of the ESSI Division Medal***

EGU Council has accepted in principle changing the scope of the ESSI Division Medal to reflect the changes in the discipline.

- ***Renaming the ESSI Division Medal***

Last year we discussed renaming the ESSI Division Medal.

Two options:

- Adding the name of a historical female leader in the field
- Changing the name to a generic “ESSI Medal”

EGU Council deferred the decision. This, unfortunately, needs more work from the Medal Committee.

# What's happening at AGU

- ***Renaming the AGU ESSI Section***

Our sister division at AGU has decided to rename itself to “Informatics”.

Simpler name, already using the symbol “IN”.

- ***Renaming the ESSI Division?***

What do you think about this change? Do we want to propose to do the same?

AGU ESSI are looking for a new EGU liaison officer. Please let me know if you are interested.



# Any Other Business?

- *Your Questions: ...*