

# Biogeosciences (BG) Division meeting

Lisa Wingate

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#EGU24 General Assembly

16th April 2024



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

# Agenda

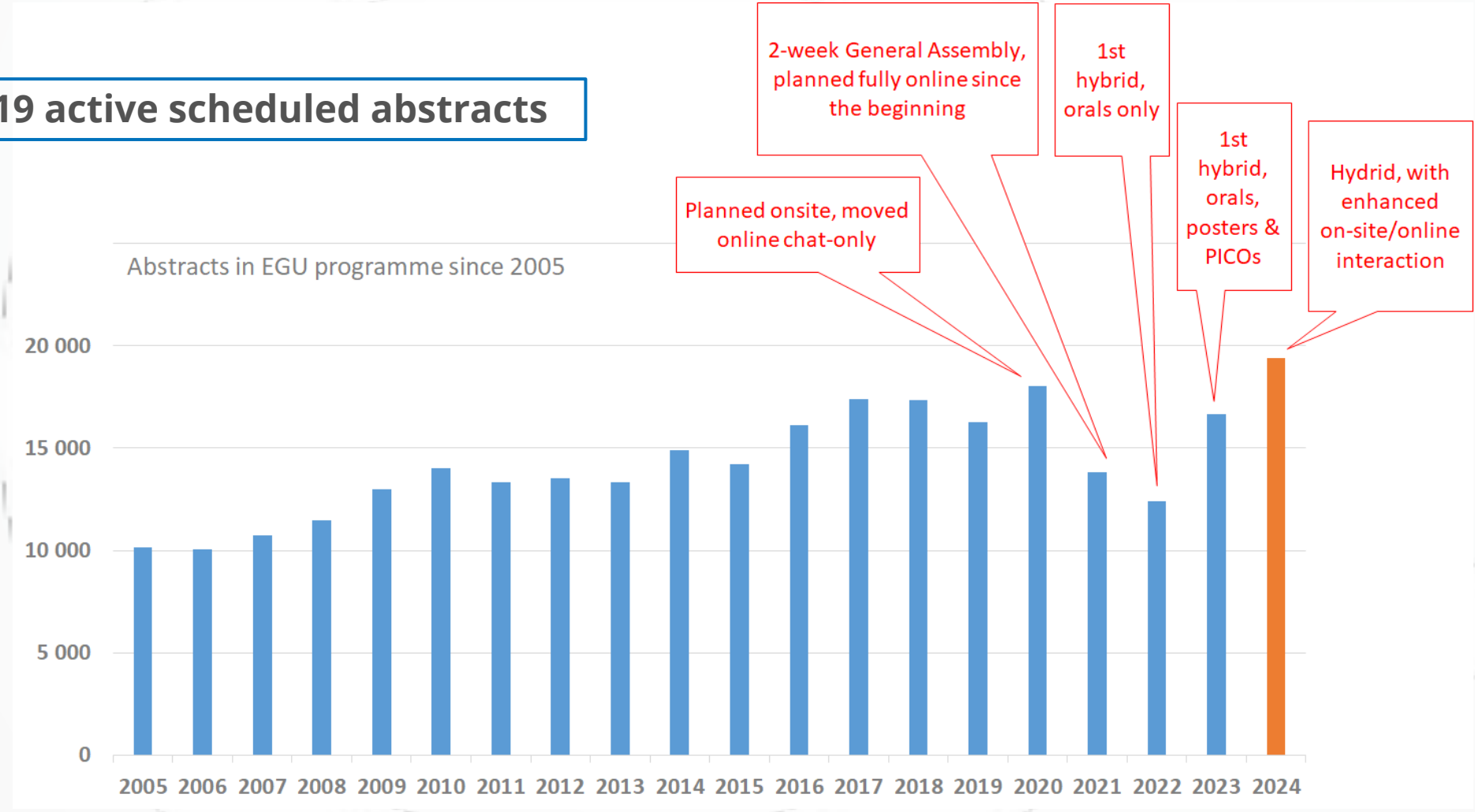
1. EGU24
2. BG Division structure
3. BG Awards
  - Outstanding Student Poster and PICO (vOSPP) Award
  - Division Outstanding Early Career Scientists Award
  - Vladimir Ivanovich Vernadsky Award Division Medal
  - Nominations open
4. BG Publications
5. AOB





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

**19,319 active scheduled abstracts**



## EGU24: numbers at a glance (as of 4 April 2024)

- 19,319 **active scheduled abstracts**
- 20522 **paid registrations** (12% for **virtual participation**)
- 50% of **virtual participants benefited from free registration** (Undergraduate/master students & Low- & lower-middle income countries)
- 37% of on-site participants and 52% of virtual participants are **PhD candidates, Master or Undergraduate students**
- 2% of on-site participants and 24% of virtual participants are from **Low & Lower-middle income countries**
- **Gender** (Female / Male / Non-binary): On-site (39% / 58% / 0%) & Virtual (42% / 54% / 1%)
- 112 **different countries** for on-site participation; 90 for virtual participation



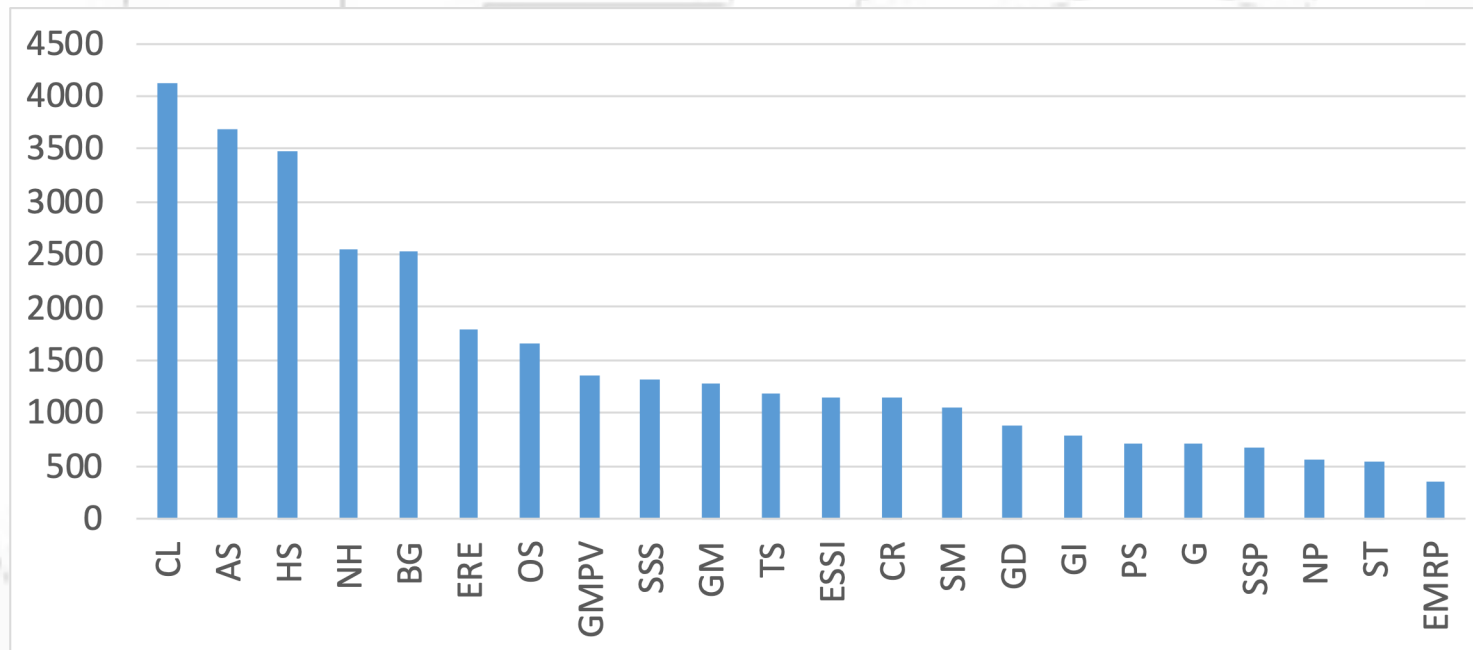
EGU23 main entrance  
Photo credit: Pfluegl 2023



## EGU24: numbers at a glance (as of 4 April 2024)

### EGU Division/PG affiliation of paid registrations

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



## 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**

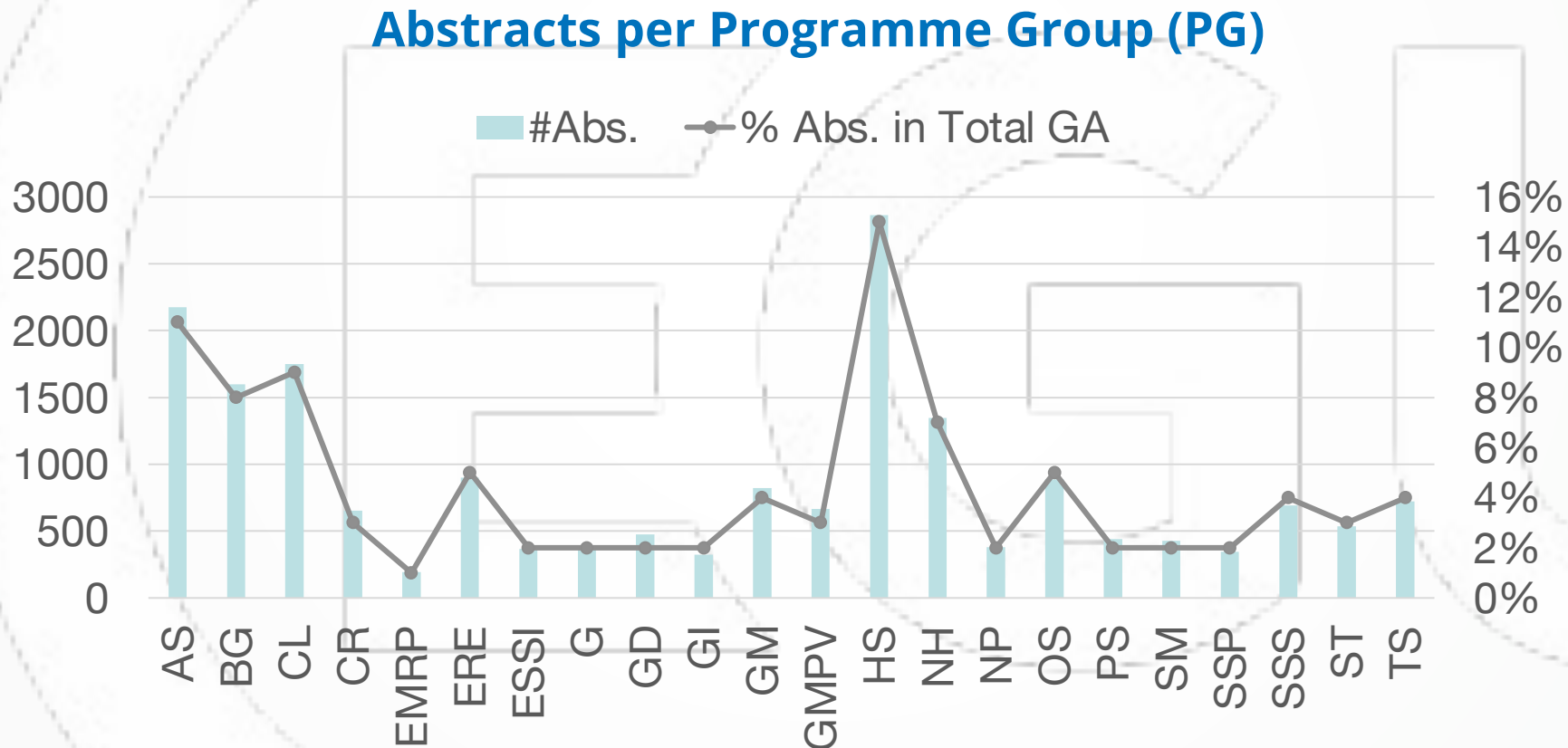


EGU23 oral presentation  
Photo credit: Pfluegl 2023

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



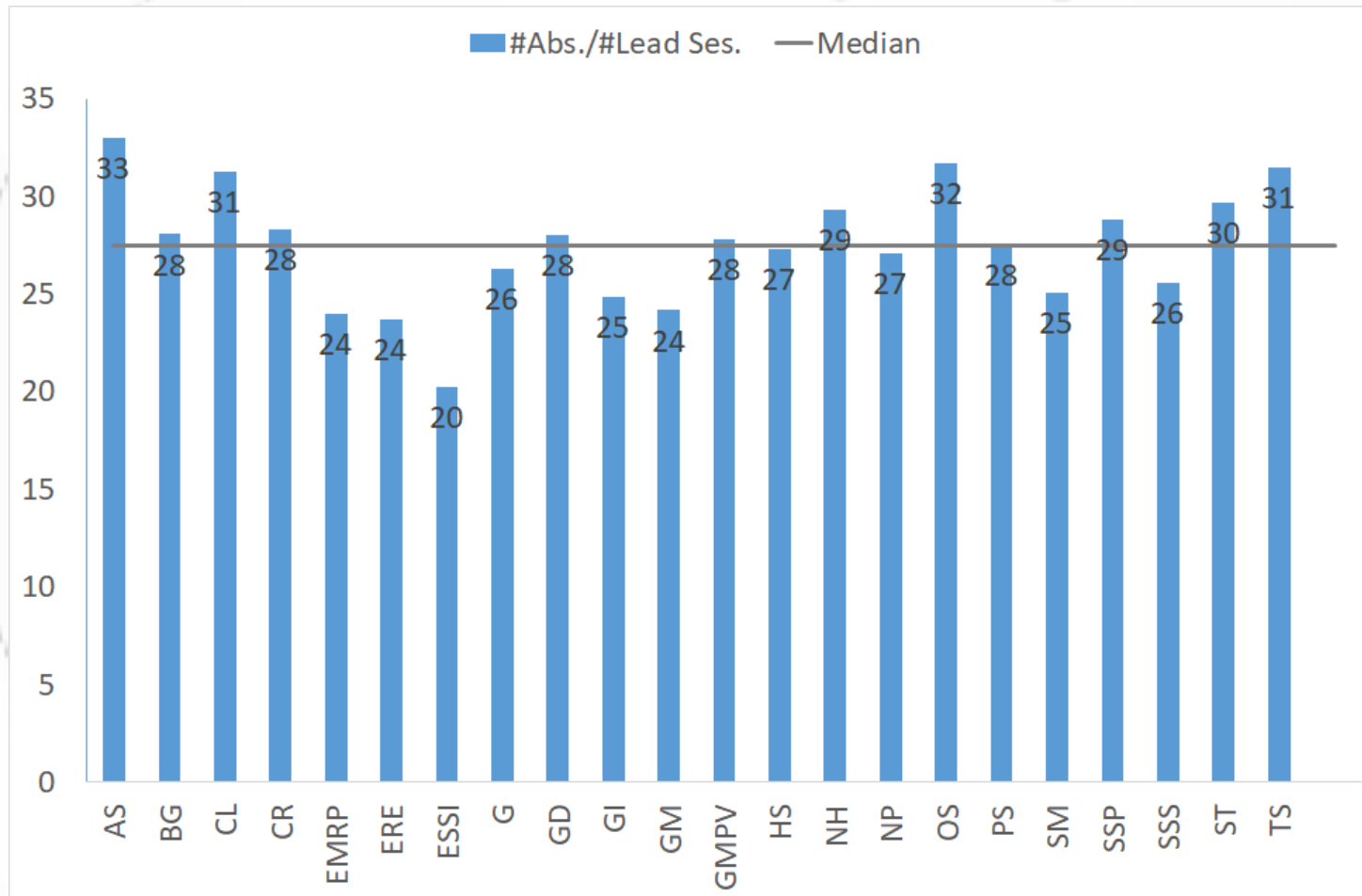
## EGU24: numbers at a glance



(as of 24 March 2024)

## EGU24: numbers at a glance

### Abstracts per (lead) session in each Programme Group



(as of 24 March 2024)



## BG Abstract Statistics 2024

### Lead sessions:

Number of abstracts **1565** (1133 in 2023) (~8% of the program)

**59%** ECS (62% in 2022)

Number of sessions **57** (41 in 2023)

### Co-org. sessions:

Number of abstracts **1,048** (1030 in 2022)

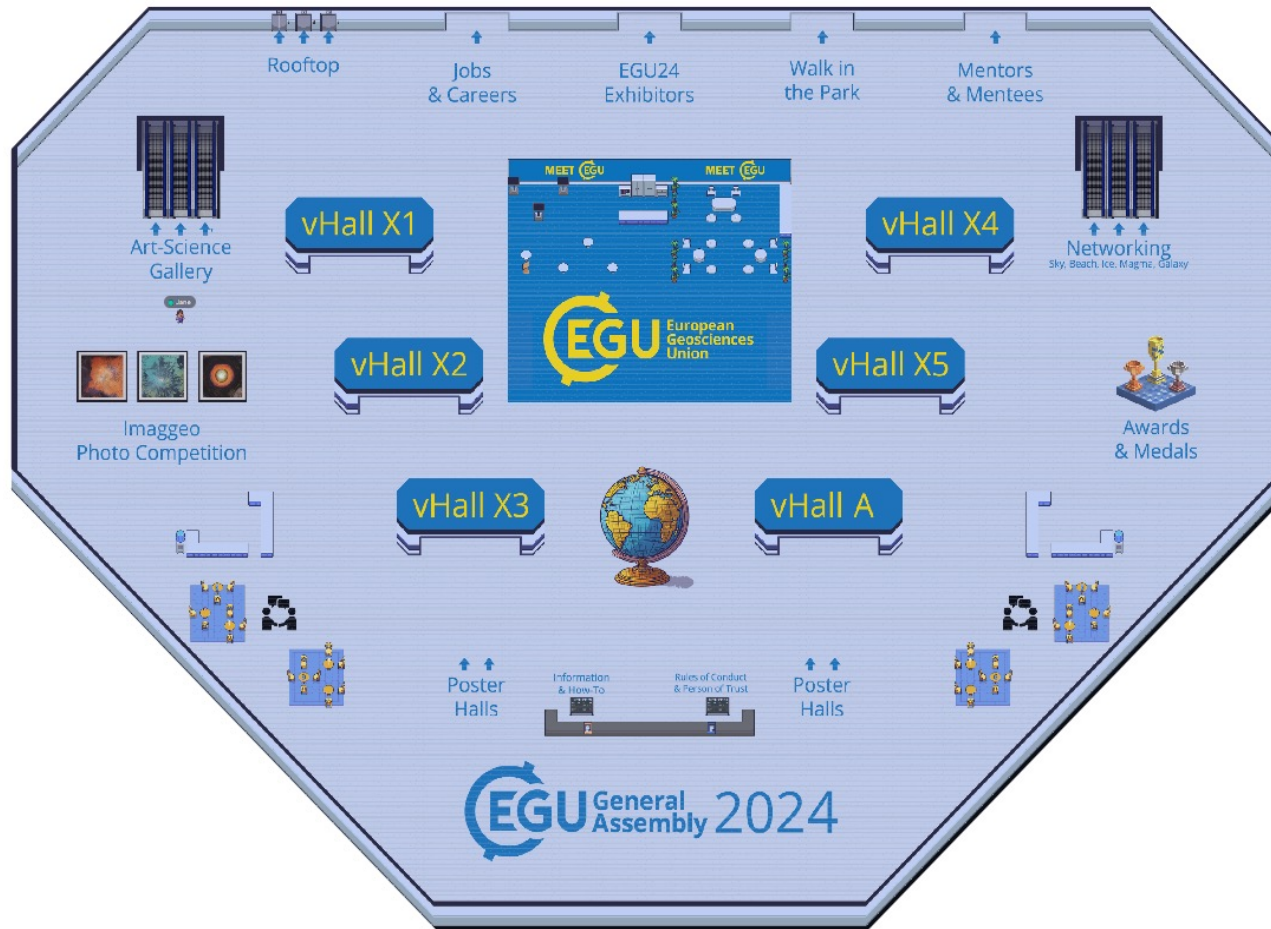
Orals: 704 (45%)

Posters on site: 700 (45%)

Posters virtual: 47 (3%)

PICO: 114 (7%)

# Stop by the EGU24 Gather.Town!



- Spatial video-conferencing platform available to all EGU24 registered participants
- Used for **virtual posters** during timeblock 3, networking & more
- Custom design inspired by the Austria Center Vienna!







# **Union Symposium 3**

**Bridging the scales:  
The Arctic methane and  
permafrost challenge**

**Friday 19 April, 8:30–10:15 CEST  
Room E1**

**#EGU24**

## Equality, Diversity, and Inclusion (EDI) at EGU24

**NEW:**

Dedicated programme category compiling EDI sessions of interest!



EDI  
Booth  
Hall X2

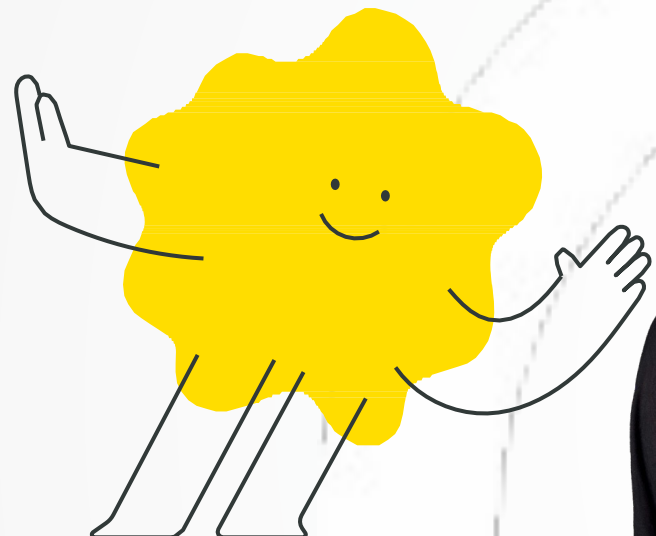
We are committed to providing a **safe, open, accessible, and respectful General Assembly**, as per the EGU Code of Conduct.

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 Foyer)**

More information available at [https://www.egu24.eu/about/egu\\_general\\_assembly\\_rules\\_of\\_conduct.html](https://www.egu24.eu/about/egu_general_assembly_rules_of_conduct.html)





## Meet the EDI Artists

Nkosingiphile Mazibuko  
& Amy Sephton

Iziko Museums of South Africa

Hall X2

Every AM & PM  
Coffee Break & on:

Monday	10:00 - 14:00
Tuesday	12:00 - 14:00
Thursday	14:00 - 16:45
Friday	10:00 - 12:00

Share your experiences  
navigating neo-colonial  
research structures, and  
have them illustrated!





Share your experiences navigating new  
colonial research structures, and have  
them illustrated.



Meet the EDI Artists

Nkosingiphile Mazibuko  
& Amy Sephton

Iziko Museums of South Africa



Join our interactive collaborative  
brainstorming sessions on  
Neo-colonialism in  
the geosciences.

Your voice and actions matter.  
Let's create a future of inclusivity  
and empowerment together!

See you there!



# The EDI Participation Support Fund

A pioneer EGU support scheme to remove EDI-related financial barriers that prevent geoscientists from participating to the EGU general assembly.



Total budget allocated for 2025

**25000 euros (max request 500 euros)**



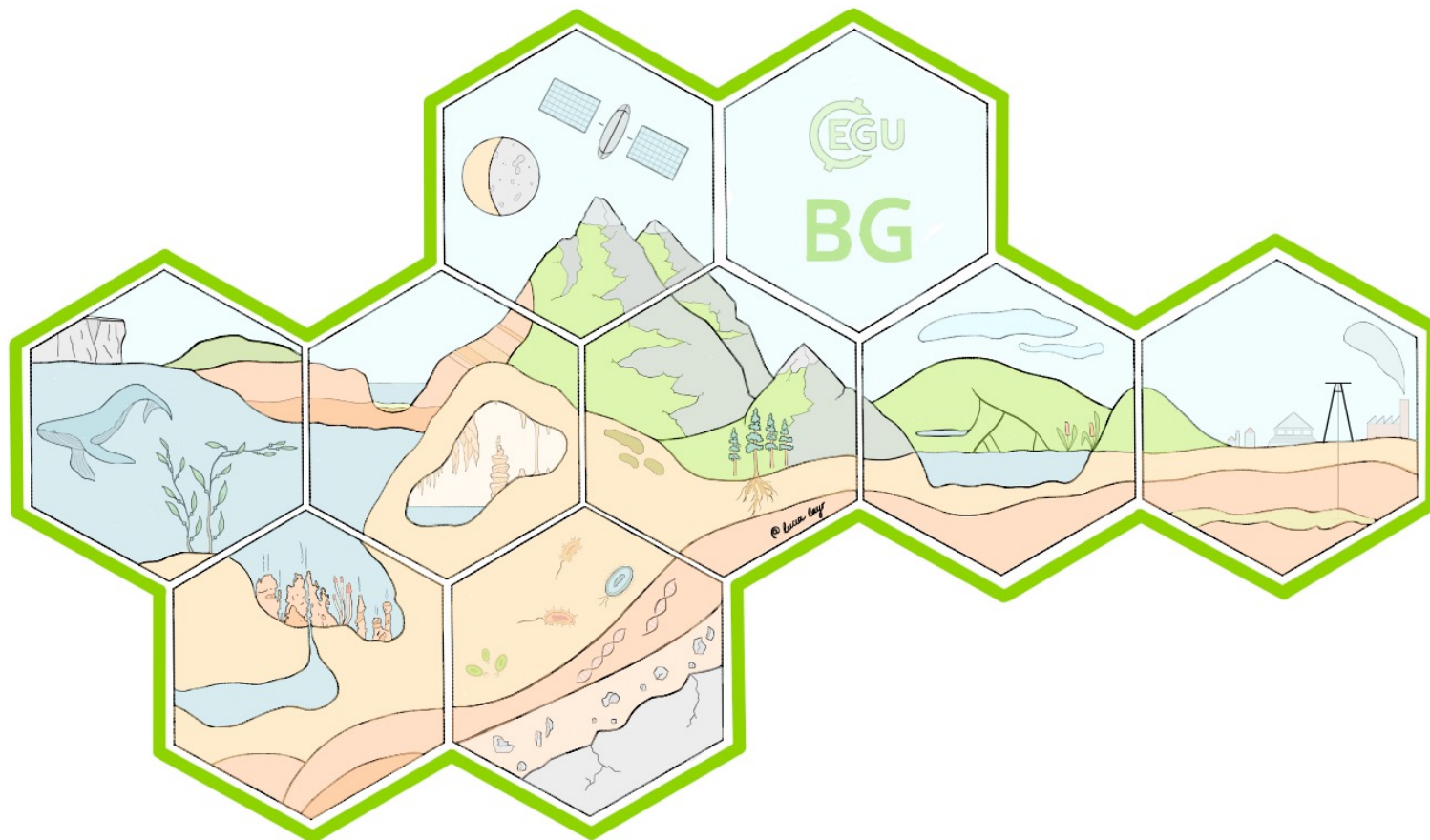
## Eligibility Criteria

- Extenuating financial circumstances from members with:
  - 1/ limiting care responsibilities (parents or caregivers);
  - 2/ a disability and/or special assistance needs;
  - 3/ geoscientists in between jobs (entitled to apply once)

## Types of Eligible Support

- Daily or weekly registration Fee Waivers
- Daily or weekly registration Fee Waivers for accompanying caregivers of children or disabled participants.
- Travel support for essential caregivers to accompany the GA participant.
- Travel support for expenses incurred for transport of medical equipment necessary for the participant to attend the GA.
- Travel support for expenses incurred to transport a child of a parent participant to attend the GA.
- Priority for a certain number of pre-booked places at the EGU Childcare Facility for single parents attending GA without accompanying caregivers.
- Financial support for home-help costs to assist in caring for a dependent whilst the participant attends the GA.

## 2. Biogeosciences Division Structure





# 2. Biogeosciences Division Structure



## Division lists

Announcement mailing lists bringing members division specific news

- |  |  |   |   |  |   |
|--|--|---|---|--|---|
| <input checked="" type="checkbox"/> <b>AS</b> (2431) | <input checked="" type="checkbox"/> <b>BG</b> (1456) | <input type="checkbox"/> <b>CL</b> (1759) | <input type="checkbox"/> <b>CR</b> (779)            | <input type="checkbox"/> <b>EMRP</b> (337) | <input type="checkbox"/> <b>ERE</b> (884)             |
| <input type="checkbox"/> <b>ESSI</b> (420)           | <input type="checkbox"/> <b>G</b> (658)              | <input type="checkbox"/> <b>GD</b> (810)  | <input checked="" type="checkbox"/> <b>GI</b> (491) | <input type="checkbox"/> <b>GM</b> (870)   | <input checked="" type="checkbox"/> <b>GMPV</b> (881) |
| <input checked="" type="checkbox"/> <b>HS</b> (2453) | <input type="checkbox"/> <b>NH</b> (1436)            | <input type="checkbox"/> <b>NP</b> (465)  | <input checked="" type="checkbox"/> <b>OS</b> (964) | <input type="checkbox"/> <b>PS</b> (471)   | <input type="checkbox"/> <b>SM</b> (884)              |
| <input checked="" type="checkbox"/> <b>SSP</b> (576) | <input checked="" type="checkbox"/> <b>SSS</b> (937) | <input type="checkbox"/> <b>ST</b> (525)  | <input type="checkbox"/> <b>TS</b> (841)            |  |   |

## ECS lists

Announcement mailing lists for the early career scientists within divisions

- |  |   |  |  |   |   |
|--|---|--|--|---|---|
| <input type="checkbox"/> <b>AS-ECS</b> (268) | <input checked="" type="checkbox"/> <b>BG-ECS</b> (190) | <input type="checkbox"/> <b>CL-ECS</b> (319) | <input type="checkbox"/> <b>CR-ECS</b> (173) | <input type="checkbox"/> <b>EMRP-ECS</b> (97) | <input type="checkbox"/> <b>ERE-ECS</b> (110) |
|--|---|--|--|---|---|

<https://www.egu.eu/user-area/mailman/>

## 2. Biogeosciences Division Structure

**Get in touch and involved**



The graphic features a landscape photograph of a mountain peak under a blue sky with white clouds, with a field of white flowers in the foreground. Below the photo is the EGU BG logo, which consists of the letters 'BG' in green and the EGU logo (a green circle with 'EGU' inside). To the right of the logo is a blue Twitter bird icon. Below the logo and icon, the text 'EGU Biogeosciences' is written in black, with '@EGU\_BG' underneath it.

[bg@egu.eu](mailto:bg@egu.eu)



## Biogeosciences

### Getting to EGU 'by fair means'

Ben Meyer and Lucia Layritz · March 15, 2024



#### ABOUT

Welcome to the [European Geosciences Union \(EGU\) Biogeosciences \(BG\) Division blog](#). We publish blog posts from Biogeoscientists on a range of topics from scientific content to fieldwork diaries and much more. To view the full range of content we publish please click [here](#). We welcome submissions from all career stages and all subject areas within the Biogeosciences. If you would

- » Anyone can write for the BG blog, get in touch with [bg@egu.eu](mailto:bg@egu.eu) or visit <https://blogs.egu.eu/divisions/bg/2021/10/29/write-for-the-bg-blog/>

## 2. Biogeosciences Division Structure

**BG President  
(2021-2023)  
(2023-2025)**



**Lisa Wingate**  
INRAE

**ECS Deputy  
(2021-2023)**



**Elisabet Martínez-  
Sancho**  
*Swiss Federal Research Institute  
(WSL)*

**ECS Rep  
(2021-2023)**



**Ben Fisher**  
University of Edinburgh

**ECS Rep  
(2022-2024)**



**Gerbrand Koren**  
University of Utrecht

Big thank you to our outgoing BG ECS representatives



## 2. Biogeosciences Division Structure

**BG President  
(2021-2023)  
(2023-2025)**



**Lisa Wingate**  
INRAE

**BG Deputy  
President  
(2024-2025)**



**Robyn Pickering**  
*University of Cape Town*

Next BG Division President in 2025 will be Robyn Pickering

### Dr. Robyn Pickering (she/her)

University of Cape Town, since 2016  
Senior Lecturer, Department of Geological Sciences  
Group leader, Quaternary Terrestrial Ecosystems group  
Co-Director, Human Evolution Research Institute

University of Melbourne, Australia, 2009-2015, Post doc, School of Earth Sciences

University of Bern, Switzerland, PhD, 2009

### Research interests

- Terrestrial carbonates associated with early human occupation sites in southern Africa
- Uranium series chronology, trace element geochemistry, carbonate petrology, diagenesis, speleothems, palaeolimnology, southern hemisphere palaeoclimates, landscape evolution
- Decolonisation, decentering whiteness and active redress for African scholars



## 2. Biogeosciences Division Structure

**BG President  
(2021-2023)  
(2023-2025)**



**Lisa Wingate**  
INRAE

**BG Deputy  
President  
(2024-2025)**



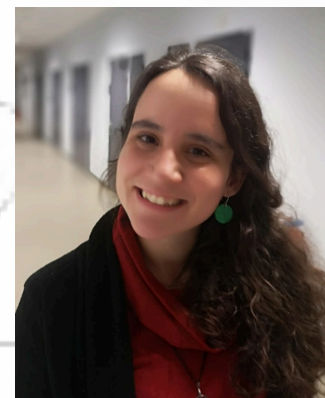
**Robyn Pickering**  
*University of Cape Town*

**ECS Rep  
(2024-2026)**



**Elsa Abs**  
LSCE & UCLA

**ECS Rep  
(2024-2026)**



**Sílvia Poblador**  
University of Barcelona



Networking,  
Short courses,  
and much more...

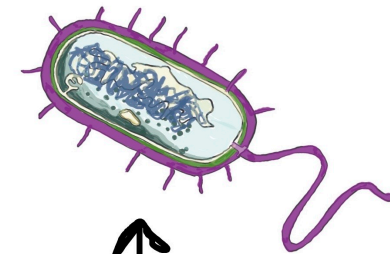
Liaison between ECSs  
and EGU



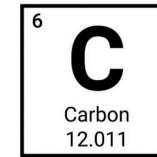
## 2. Incoming Early Career Representative

### Elsa Abs (they/them)

- Marie Curie Postdoc fellow at University of California Irvine and Laboratory of Environmental and Climate Sciences in Paris
- PhD at l'Ecole Normale Supérieure of Ulm in Paris (Appl. Math) & University of Arizona (Ecology and Evolutionary Biology)
- Msc from l'Ecole Normale Supérieure (Theor. Eco-Evo)
- BSc and Msc from AgroParisTech (Environmental Engineering)
- Interested in DEI and engagement for climate
- Amateur Piano, Local Traveler



Soil



### Research

- Effect of microbial adaptation on the global C cycle



## 2. Incoming Terrestrial Biogeosciences

### Dr. Sílvia Poblador (she/her)

University of Barcelona, since 2023

Postdoc researcher at *Department of Evolutionary Biology, Ecology and Environmental Sciences*, in ALFAwetlands Project (Horizon Europe)

University of Antwerp, 2019-2023

Post doc at Plants and Ecosystems Research Group  
FWO MSCA Seal of Excellence (2020-2022)

University of Barcelona, PhD, 2018

### Research interests

- Soil carbon and nitrogen biogeochemistry and associated microbial activity
- Greenhouse gas emissions from wetlands
- Enhanced weathering processes to increase soil carbon sequestration and reduce N<sub>2</sub>O emissions from agriculture soils
- Women in Science (Gender&Science AIL Group)
- Diversity and Inclusion in the Scientific Community (SIBECOL)



# BG ECS Networking Events tonight!

NET4

## **ECS Networking Reception** ▶

Convener: Simon Clark  | Co-conveners: David Fernández-Blanco , Daniel Evans 

★ Tue, 16 Apr, 18:00–19:30 (CEST)  Rooftop Foyer

## **Early Career Biogeoscientists Social Event - Biogeosciences Division** ▶

Organized by Lisa Wingate | Co-organized by: Elsa Abs and Silvia Poblador

Location: Biergarten Zattl Schottengasse 2, 1010 Wien

★ Tue, 16 Apr, 20:00–Wed, 17 Apr, 00:00 CEST 

Tags: Division event, Early Career Scientist (ECS)





## 2. Biogeosciences Division Structure



<https://blogs.egu.eu/divisions/bg/2022/09/21/meet-your-bg-team-2022-23/>

## 2. Incoming Geomicrobiomes and their function

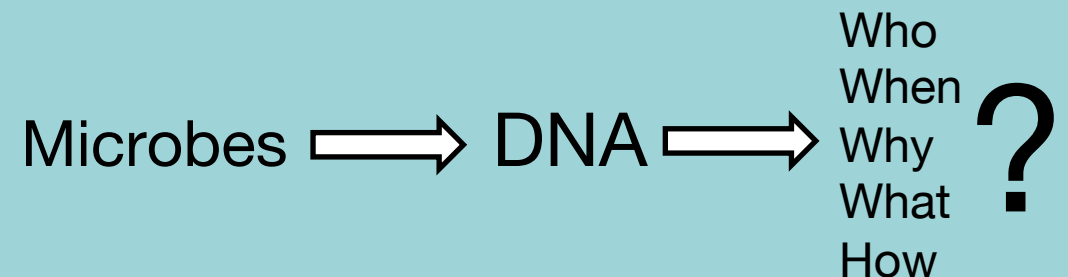
### Christoph Keuschnig (he/him)

- Marie Curie Postdoc fellow at German Research Center for Geosciences in Potsdam (GFZ)
- PhD at Ecole Centrale de Lyon (Microbial Ecology)
- Msc at BOKU Vienna (Biotechnology)
- Msc at BOKU Vienna (Applied Plant Sciences)



### Research

- Bacterial-fungal interactions in soil colonization
- Greenhouse gas emissions from soil
- Microbial community assembly and adaptation
- Focus on cryospheric and agricultural ecosystems



## 2. Biogeosciences Division Structure

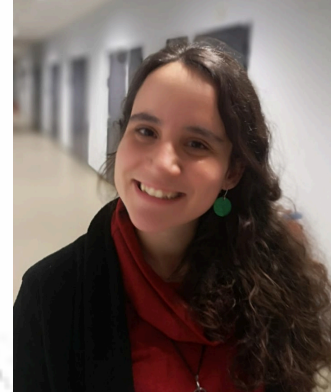
### Approval of the new BG Division ECS Representatives

**ECS Rep  
(2024-2026)**



**Elsa Abs**  
LSCE & UCLA

**ECS Rep  
(2024-2026)**



**Sílvia Poblador**  
University of Barcelona



## 2. Biogeosciences Division Structure

### Approval of the new BG Division Scientific Officer

**Geomicrobiomes  
and Function  
(2024-2026)**



**Christoph Keuschnig**  
LSCE & UCLA



## EGU24 Science for Policy Sessions

EGU24 has a range of sessions that can help you effectively engage with policymakers and how your research can have policy impact

See the full EGU24 Science for Policy Programme here



## Connect with the BG Point of Policy Contact & others working on the science-policy interface!

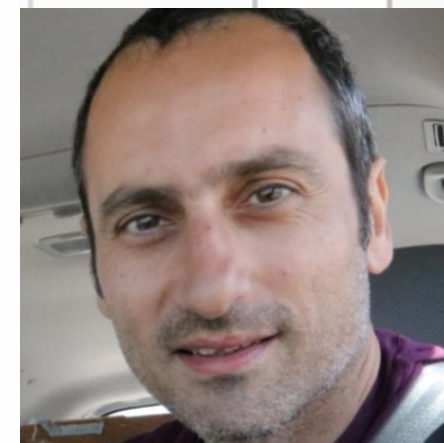
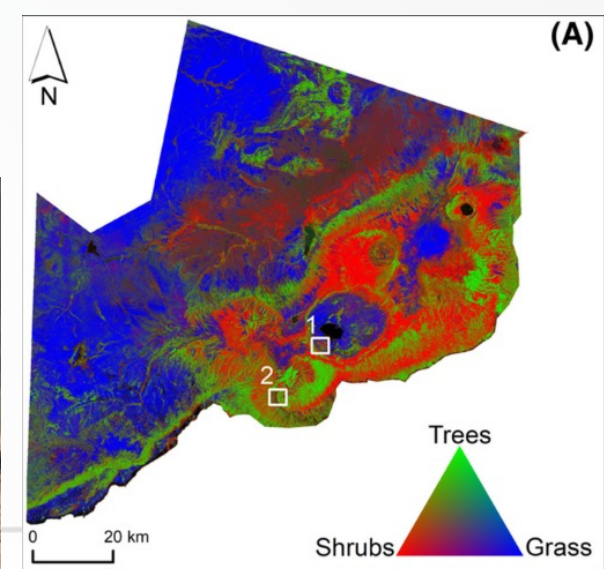
### Division Policy Officers & Points of Policy Contact:

- share relevant policy opportunities and resources to help you engage
- coordinate division members to provide information to policymakers
- provide information about relevant and upcoming policies

Sign up to the Slack group now to join the #Science4Policy discussion!







## Dr Elias Symeonakis (he/him)

- Associate Professor in Earth Observation & GIS, Manchester Metropolitan University, UK
- Worked in Europe, Africa, Australia and South America
- EGU/European Parliament Science-Policy Pairing Scheme 2022
- Lead Author in UNEP's ongoing 7<sup>th</sup> Global Environment Outlook report
- Contributing Author in the 1<sup>st</sup> Mediterranean Assessment Report (awarded with the North-South Prize of the Council of Europe)
- Research interests:  
Satellites, Drones, Vegetation Monitoring, Drylands, Savannahs, Land Degradation

## Contact:

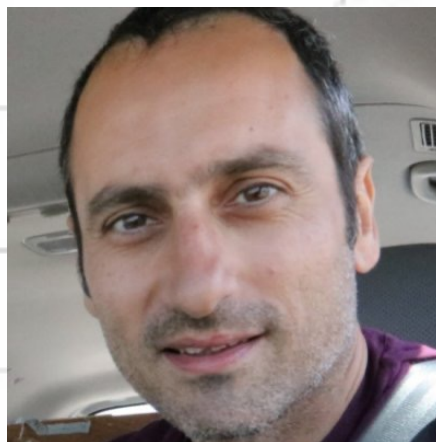
- [e.symeonakis@mmu.ac.uk](mailto:e.symeonakis@mmu.ac.uk)



## 2. Biogeosciences Division Structure

Approval of the new BG Division Policy Officer

**BG Policy Officer  
(2024-2026)**



**Elias Symeonakis**

Manchester Metropolitan University

## 3. BG Division Awards

### Outstanding Early Career Scientist Awards

- Virtual Outstanding Student and PhD Candidate Presentation (vOSPP) Award
- BG Division Outstanding Early Career Scientists Award
- Arne Richter Union Award for Outstanding Early Career Scientist

### BG Division Medal

- Vladimir Ivanovich Vernadsky Medal



## 2. Incoming BG Division OSPP Coordinator



Dr Carolyn Monika Gorres  
Hochschule Geisenheim University



Dr Albin Hammerle  
University of Innsbruck



## 3. BG Division Awards

### Outstanding Student and PhD candidate Presentation (OSPP) Awards 2023



Marianne Böhm

BG



Nicolò  
Anselmetto

BG



Rodrigo San  
Martín

BG



Zhen Xu

BG

<https://www.egu.eu/awards-medals/ospp-award/2023/>





## 3. BG Division Awards

### Outstanding Student and PhD candidate Presentation (OSPP) Awards 2024

- 201 OSPP applications in 55 sessions (2023: 136 applications in 42 sessions)
- Did we start EGU with enough judge nominations?
- Agree/decline judge nominations as soon as possible
- Anybody can be a judge (if PhD and no conflict of interest)
- Interaction with students/PhD candidates!



# 3. BG Division Awards

## **BG Medals and Awards Committee**

- Prof Susan Trumbore (Vernadsky Medallist 2021) Committee Chair
- Dr Adina Paytan (Vernadsky Medallist 2022)
- Prof Daniel Conley (Vernadsky Medallist 2024)
- Prof Rich Pancost (University of Bristol, UK)
- Big thank you to Pierre Friedlingstein for his valued committee service (2020-2023)

Nomination call now open deadline for submission 15<sup>th</sup> June 2024

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



# Biogeosciences Division Early Career Scientist Award 2024

**Eliane Gomes Alves (Max Planck Institute for Biogeochemistry, Germany)**



“...for exceptional scientific contribution to the understanding of biogenic VOC emissions from tropical rainforests, and their interplay with atmospheric chemistry and climate”



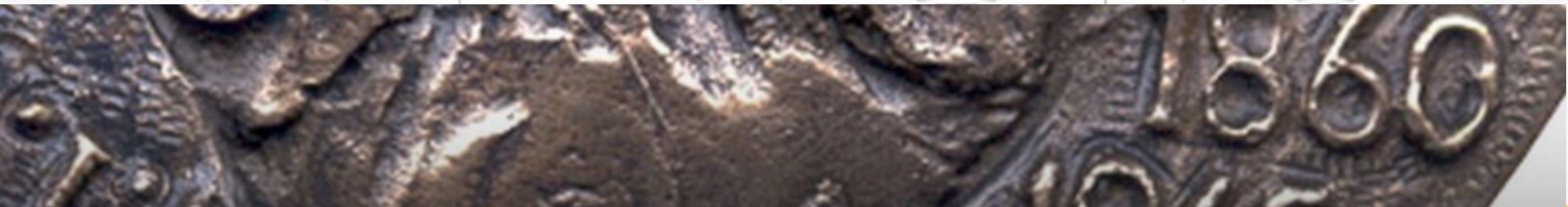


# Vladimir Ivanovich Vernadsky Medal 2024

Daniel J Conley (Lund University, Sweden)



“... for pioneering studies of how altered nitrogen, phosphorous and silica cycling impact aquatic and coastal eutrophication, and applying science to inform environmental management strategies”



# EGU Medal and Award Celebration

Join the EGU President at the Medal & Award Celebration  
MAL0 Wednesday 17<sup>th</sup> April at 17:30-19:00 Room E1



Join the BG Division Medal & Award Presentations  
MAL12-BG Thursday 18<sup>th</sup> April at 19:00-20:00 Room E2

# Nominations open for EGU Champions for Equality Award

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



Artwork credit : Dr Amlan Barai

An individual or team that have put into practice the principles of Equality, Diversity and Inclusion (EDI), resulting in a positive change in the experience of the geoscience community.

The recipient(s) should be role models who have built respectful and inclusive workplaces for the geoscience community, and/or have implemented innovative actions that advance the diversity of the geoscience community.

**Nomination deadline 15<sup>th</sup> June 2024**





# Mary Anning Conferences on Biogeochemical Processes in the Earth System

Scope: Innovative and novel research related to biogeochemical cycles in the Earth system.

Aim: Bring together experienced and early career researchers across disciplines

Characteristics: Limited size, open discussions, special attention to ECS contributions

Call: for proposals opens May 2024

Please get in touch with me if you would like to propose a conference.

<https://www.egu.eu/meetings/conference-series/mary-anning-conferences-biogeochemical-processes-earth-system/>

## 4. BG Publications



### **Biogeosciences (BG)**

[www.biogeosciences.net](http://www.biogeosciences.net)

#### **Co-Editors-in-Chief:**

Steven Bouillon, Anja Rammig, Paul Stoy,  
Tina Treude, Sara Vicca

Associate Editors: 63

Publisher: Copernicus GmbH on behalf of the  
European Geosciences Union (EGU)

## 4. BG Publications

### Aims & Scope

Biogeosciences (BG) is an international scientific journal dedicated to the publication and discussion of research articles, short communications, and review papers on **all aspects of the interactions between the biological, chemical, and physical processes** in terrestrial or extraterrestrial life with the **geosphere, hydrosphere, and atmosphere**.

The objective of the journal is to cut across the boundaries of established sciences and achieve an interdisciplinary view of these interactions. **Experimental, conceptual, and modelling approaches** are welcome.





## 4. BG Publications

### Open access & Open peer review

The review process, referee comments, open comments and authors answers are public, archived and citable as well.

Reviewed manuscripts and published papers are archived and fully citable - Ideas and rights of authors are fully protected from the beginning.

Open Access - coverage of costs by authors. There is no other income for the publisher, **surplus from (moderate) Article Processing Charges funds EGU and its activities.**

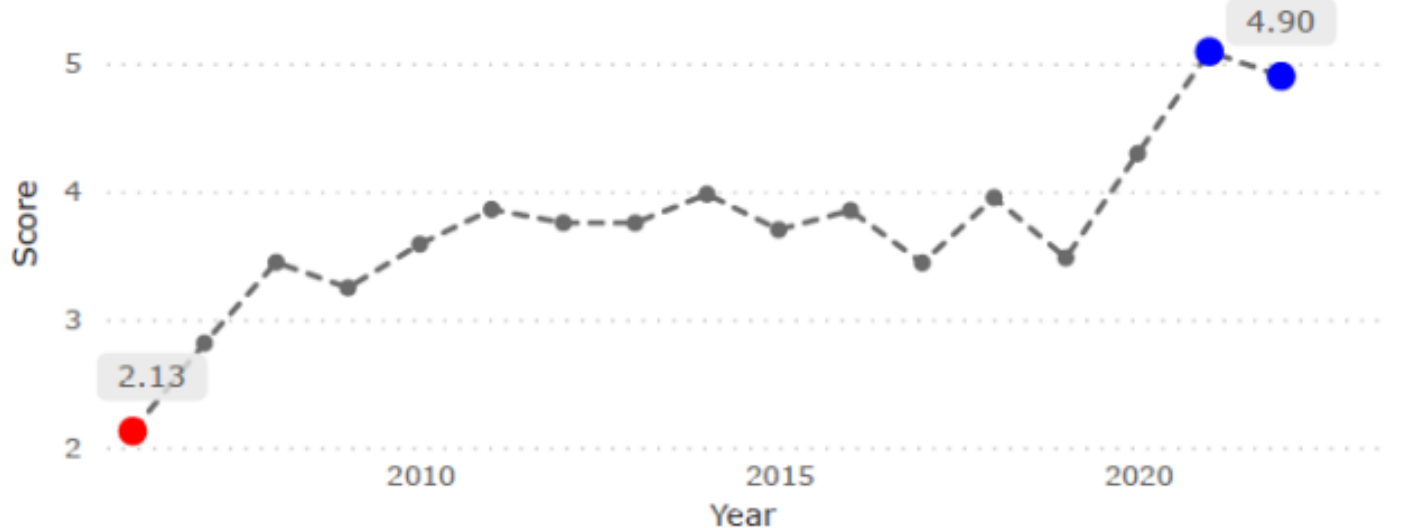
*Copyright stays with the authors.*





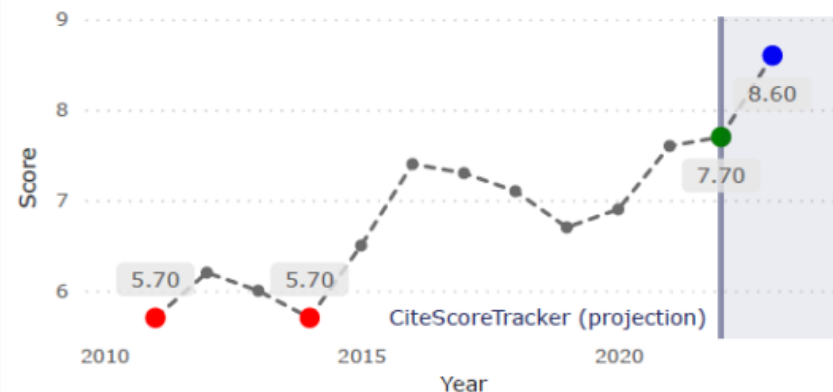
# Journal Report for 2023

JIF (Clarivate)



Provider and Metric	Score	(year)
<b>Centre for Science and Technology Studies</b>		
SNIP	<u>1.22</u> ↓	2022
<b>Clarivate Analytics</b>		
JIF	<u>4.90</u> ↓	2022
JIF 5-year	<u>4.80</u> ↓	2022
<b>Elsevier</b>		
CiteScore	<u>7.70</u> ↑	2022
CiteScoreTracker	<u>8.60</u>	2023
Scimago H-index	<u>151.00</u> ↑	2022
SJR	<u>1.60</u> ↑	2022
<b>Google Scholar</b>		
Google h5-index	<u>58.00</u>	2023
Google h5-median	<u>85.00</u> ↑	2023

CiteScore (Elsevier)





# Journal Report for 2023

401

Manuscripts submitted (report year)

14%

Relative change (pre-report year)

7955

Manuscripts submitted (all time)

269

Articles published (report year)

-10%

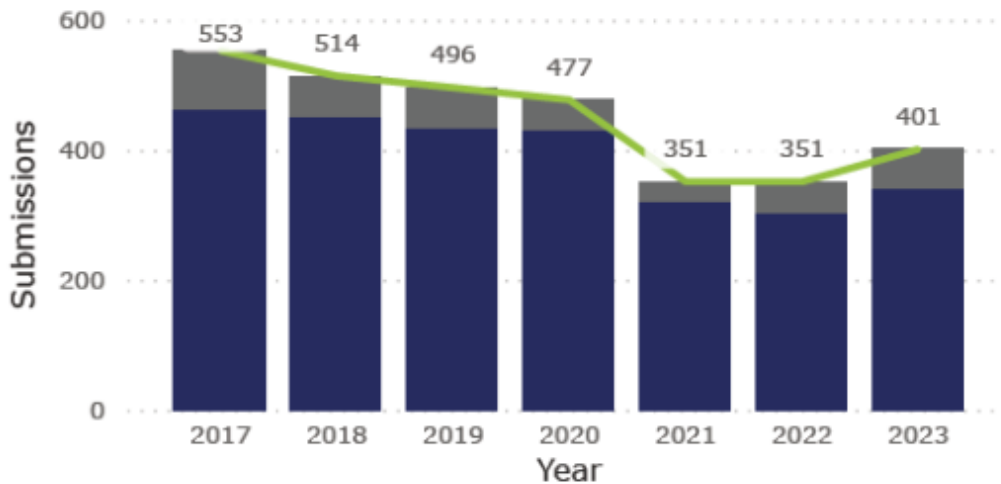
Relative change (pre-report year)

5618

Articles published (all time)

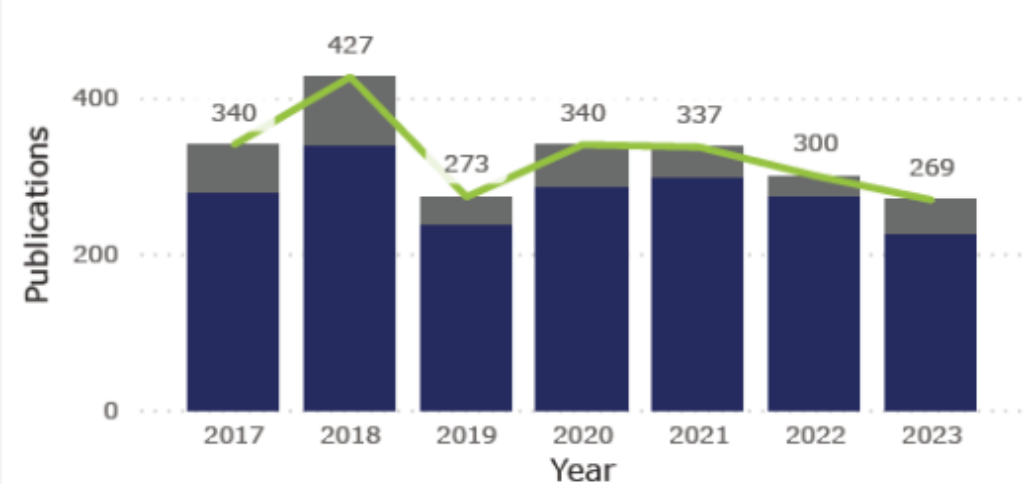
### Manuscripts submitted by year of submission

● regular ● special issue — total



### Articles published by year of publication

● regular ● special issue — total







# Journal Report for 2023

## Manuscript submissions and review

**Manuscript submissions in 2023:** 401

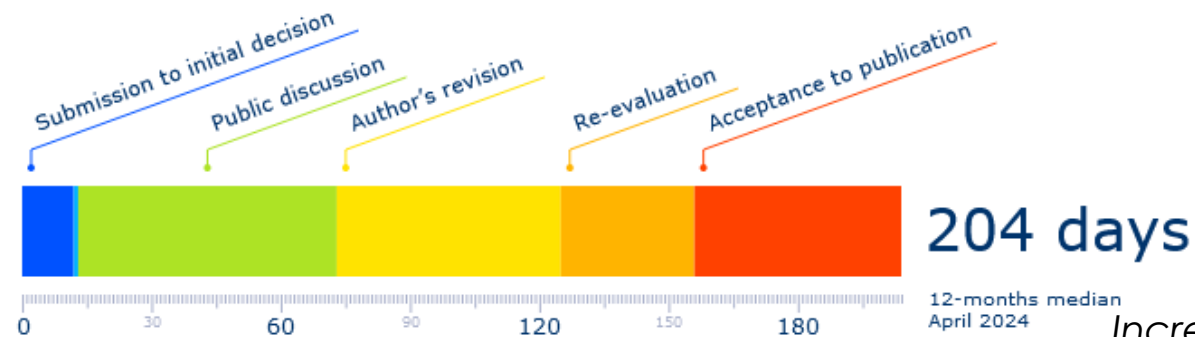
**Reviews requested:** *Increase from ~6-7 requests per manuscript (2013-2020) to 9-10 (2021-2023)*

**Manuscript acceptance rate in 2023:**

*80 % accepted for review, of which 91 % accepted for final publication*

**Time from submission to publication:**

*~6 months from submission to final acceptance*



*Increase from 184 days in 2022*

## 4. BG Publications

**We encourage submissions to Biogeosciences**

### Manuscript types:

- Research articles
- BG Letters
- Reviews and syntheses
- Ideas and perspectives
- Technical notes
- Peer-reviewed comments and replies

Proposals for **Special Issues** are very welcome!

[https://www.biogeosciences.net/articles\\_and\\_preprints/how\\_to\\_apply\\_for\\_an\\_si.html](https://www.biogeosciences.net/articles_and_preprints/how_to_apply_for_an_si.html)



# 4. BG Publications



## Scheduled special issues

- ▶ **Mercury science to inform international policy: the Multi-Compartment Hg Modeling and Analysis Project (MCHgMAP) and other research (GMD/ACP/BG inter-journal SI)**  
10 Nov 2023–indefinite | David McLagan (Queen's University, Canada), Ashu Dastoor (Environment and Climate Change Canada, Canada), Johannes Bieser (Helmholtz-Zentrum Hereon, Germany), Celia Chen (Dartmouth, Department of Biological Sciences, USA), Jane Kirk (Environment and Climate Change Canada, Canada), Adrien Mestrot (Institute of Geography, Switzerland), Anne L. Soerensen (Swedish Museum of Natural History, Sweden), and Xun Wang (Institute of Geochemistry, China) | [Information](#)
- ▶ **RUSTED: Reducing Uncertainty in Soluble aerosol Trace Element Deposition (AMT/ACP/AR/BG inter-journal SI)**  
02 Nov 2023–31 Oct 2026 | Frédéric Gazeau (Villefranche Oceanographic Laboratory, France), Manmohan Sarin (Physical Research Laboratory, India), Suzanne Fietz (Stellenbosch University, South Africa), Douglas Hamilton (North Carolina State University, USA), Akinori Ito (Japan Agency for Marine-Earth Science and Technology, Japan), Morgane Perron (Laboratoire des Sciences de l'Environnement Marin, France), and Mingjin Tang (Chinese Academy of Sciences, China) | [Information](#)
- ▶ **Tropospheric Ozone Assessment Report Phase II (TOAR-II) Community Special Issue (ACP/AMT/BG/GMD inter-journal SI)**  
01 Mar 2023–31 Jul 2024 | Owen R. Cooper, Martin G. Schultz, and Paul Stoy | [Information](#)
- ▶ **Drought, society, and ecosystems (NHES/BG/GC/HES inter-journal SI)**  
14 Feb 2023–30 Jun 2024 | Anne Van Loon, Gemma Coxon, Camila Alvarez-Garreton, Elena Toth, Shreedhar Maskey, Khalid Hassaballah, Floris van Ogtrop, Noemi Vergopolan, Sina Khatami, Mana Gharun, Giulia Vico, and Anja Rammig | [Information](#)



# 4. BG Publications

## Some highlight articles from 2023



### BG Letter

#### Reconciling the paradox of soil organic carbon erosion by water

Kristof Van Oost and Johan Six

Biogeosciences, 20, 635–646, <https://doi.org/10.5194/bg-20-635-2023>, 2023

#### Nitrous oxide (N<sub>2</sub>O) synthesis by the freshwater cyanobacterium *Microcystis aeruginosa*

Federico Fabisik, Benoit Guieysse, Jonathan Procter, and Maxence Plouviez

Biogeosciences, 20, 687–693, <https://doi.org/10.5194/bg-20-687-2023>, 2023

20 Jan 2023 | BG Letters | Highlight paper

#### Tropical cyclones facilitate recovery of forest leaf area from dry spells in East Asia

Yi-Ying Chen and Sebastiaan Luyssaert

Biogeosciences, 20, 349–363, <https://doi.org/10.5194/bg-20-349-2023>, 2023

13 Oct 2023 | Highlight paper

#### Soil-biodegradable plastic films do not decompose in a lake sediment over 9 months of incubation

Sigrid van Grinsven and Carsten Schubert

Biogeosciences, 20, 4213–4220, <https://doi.org/10.5194/bg-20-4213-2023>, 2023

30 Jun 2023 | Highlight paper

#### All about nitrite: exploring nitrite sources and sinks in the eastern tropical North Pacific oxygen minimum zone

John C. Tracey, Andrew R. Babbin, Elizabeth Wallace, Xin Sun, Katherine L. DuRussel, Claudia Frey, Donald E. Martocello III, Tyler Tamasi, Sergey Oleynik, and Bess B. Ward

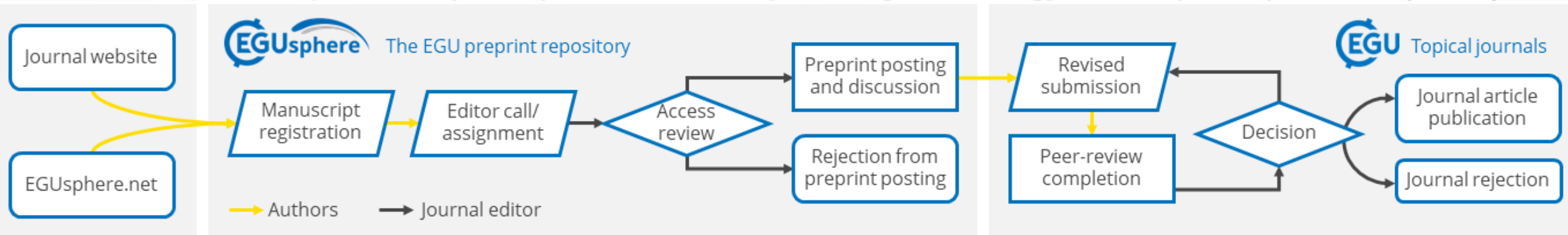
Biogeosciences, 20, 2499–2523, <https://doi.org/10.5194/bg-20-2499-2023>, 2023

[https://www.biogeosciences.net/articles\\_and\\_preprints/highlight\\_articles.html](https://www.biogeosciences.net/articles_and_preprints/highlight_articles.html)

# 4. BG Publications



The preprint repository of the EGU



## 4. BG Publications



### **Outstanding Editor Award 2023**



Nicolas Brüggemann  
(Forschungszentrum Jülich)



Cindy De Jonge  
(ETH Zurich)

### **Outstanding Reviewer Awards 2023**

Jeremy Testa (University of Maryland)

Jens Kallmeyer (German Research Centre for Geosciences)

Kendalynn Morris (Pacific Northwest National Lab)



*Thank you* very much  
for a great **20** years.

Thursday, 18 April, 20:00-21:00 (CEST)  
Room E2



## 5. Any Other Business?

