

CL Division Meeting

Irka Hajdas

Kerstin Treydte

EGU General Assembly 2023



Meetings | Publications | Outreach | www.egu.eu

Agenda for the meeting:

1. Division structure and team (+voting for 2024)
2. EGU 2023 GA
3. CL division medals
4. Information about EGU Medals and Awards
5. ECS team & outreach
7. Journals of interest
8. EGU G.A. 2024
9. Any other Business

As always, we value your opinion and we look forward to reading it. Do not hesitate to fill the survey: <https://egu2023.eu/feedback> and to send an email to cl@egu.eu



CL Division

Structure and Team



Meetings | Publications | Outreach | www.egu.eu

CL Division Structure 2023



Meet the CL Team on Thursday!

EGU booth – Hall X2
Thu, 27 Apr, 10:30–11:30 CEST

Division on Climate: Past, Present & Future

Home

Site search



We are looking for:

CL Division Policy Officer (“Policy Point of Contact”)

Please contact us at cl@egu.eu

[EGU_Climate](#)

[New article on climate tipping points](#)

A recently published article by [Armstrong Mckay et al.](#) in [Science](#) updates the assessment of major climate tipping elements and their possible tipping points first proposed by Lenton et al. (2008). "Climate tipping points occur when change in a part of the climate system becomes self-sustaining, locking in major negative impacts affecting millions of



EGU Climate D...
[@EGU_Cli...](#) · 41m



Find out about High impact climate events: from physical understanding to impacts and solutions tinyurl.com/yc5bpkts

CL Division Programme Committee EGU 2024

Programme Group Chair

Kerstin Treydte cl@egu.eu

Deputy President

Irka Hajdas hajdas@phys.ethz.ch

Scientific Officers

Julia C. Hargreaves jules@blueskiesresearch.org.uk

Jan-Berend Stuut jbstuut@nioz.nl

Elisabeth Dietze elisabeth.dietze@uni-goettingen.de

Martin Wild martin.wild@env.ethz.ch

Carole Nehme carole.nehme@univ-rouen.fr

Gabriele Messori gabriele.messori@misu.su.se

OSPP coordinator

Ola Kwiecień ola.kwiecien@northumbria.ac.uk



Image: <https://itsfoss.com>

CL Division Awards & Medals Committees EGU 2024



Image: <https://itsfoss.com>

| Arne Richter Award for Outstanding Early Career Scientists, OECS | Hans Oeschger Medal | Milutin Milankovic Medal |
|---|----------------------------|---------------------------------|
| Gabriele Messori | Karol Tylmann (chair) | Ayako Abe-Ouchi (chair) |
| | Sonia I. Seneviratne | Valérie Masson-Delmotte |
| | Kim Cobb | Hai Cheng |
| | Doug Smith | Maria Fernanda Sanchez Goñi |
| | Hugues Goosse | Bette L. Otto-Bliesner |

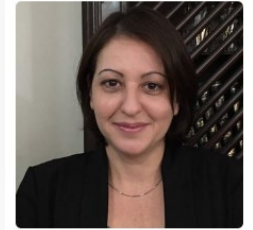
CL Division ECS & Outreach Committees EGU 2024

| Position | Name | Contact details |
|------------------------------------|-------------------------|--------------------------|
| ECS rep (primary) | Nazimul Islam | nazimul.islam@unil.ch |
| ECS co-rep | Dr. Janina Nett | janina.nett@proton.me |
| Outreach (editor-in-chief) | Ricardo N. Santos | ricardo.s.16@hotmail.com |
| Outreach; Social media coordinator | Shalenys Bedoya Valestt | shalevale@gmail.com |



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

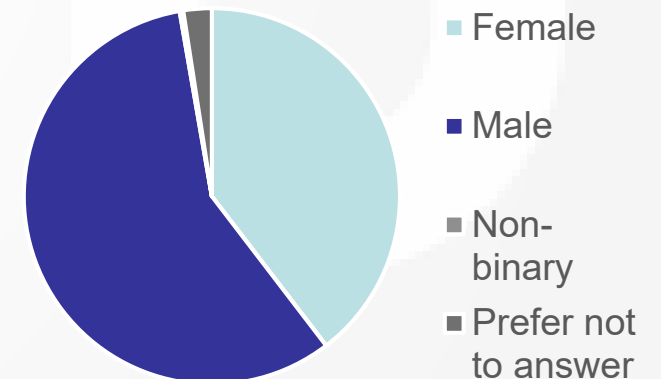


- 16,646 active scheduled abstracts (as of 12 April)

EGU23 Registration Statistics

(as of 17 Apr)

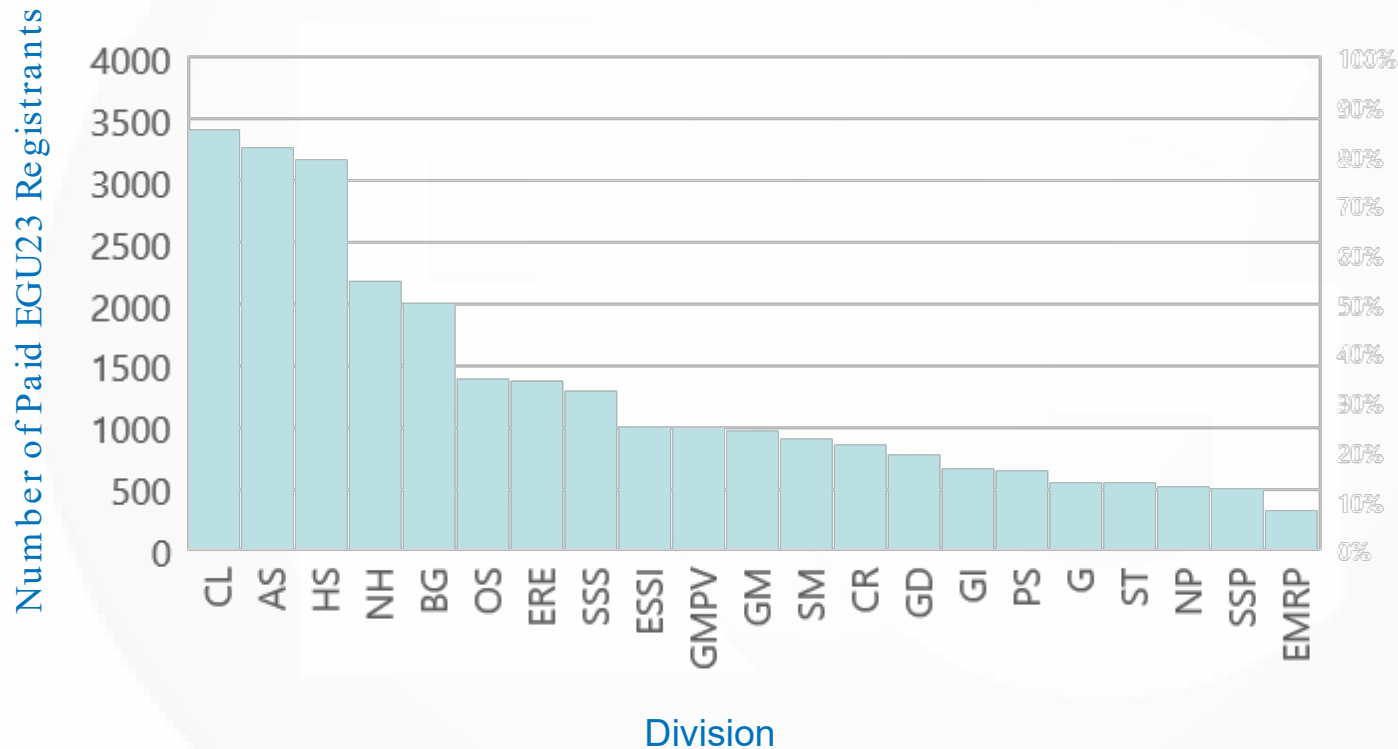
- 16,604 active scheduled abstracts
- 15,319 total registrations (13,287 on-site / 2,032 virtual)
- ~13% of total participants registered for virtual participation
- ~ 40% of total participants are PhD candidates, Master or Undergraduate students (~ 25% participating virtually)
 - ~ 5% of registered 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)



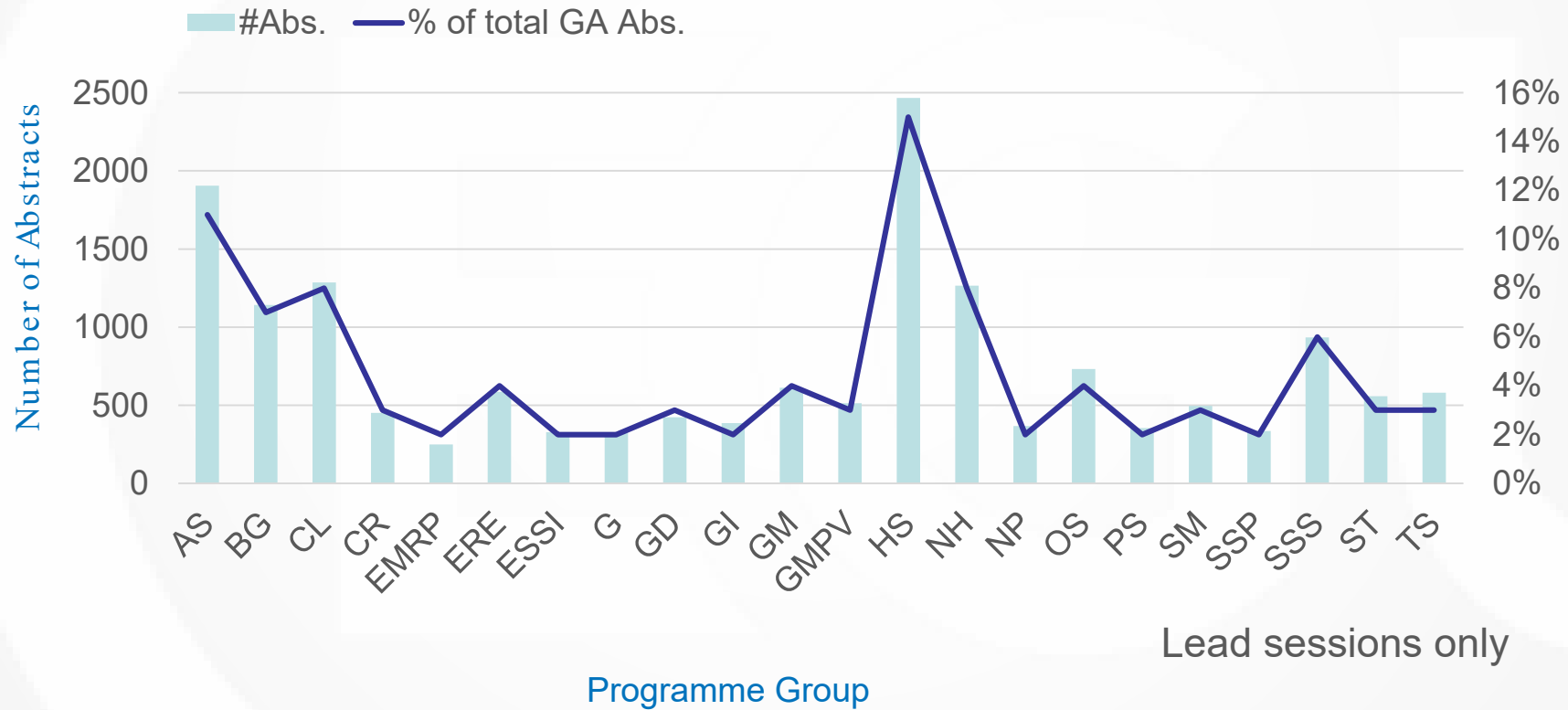
EGU23 Session Statistics (as of 12 Apr)

- **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

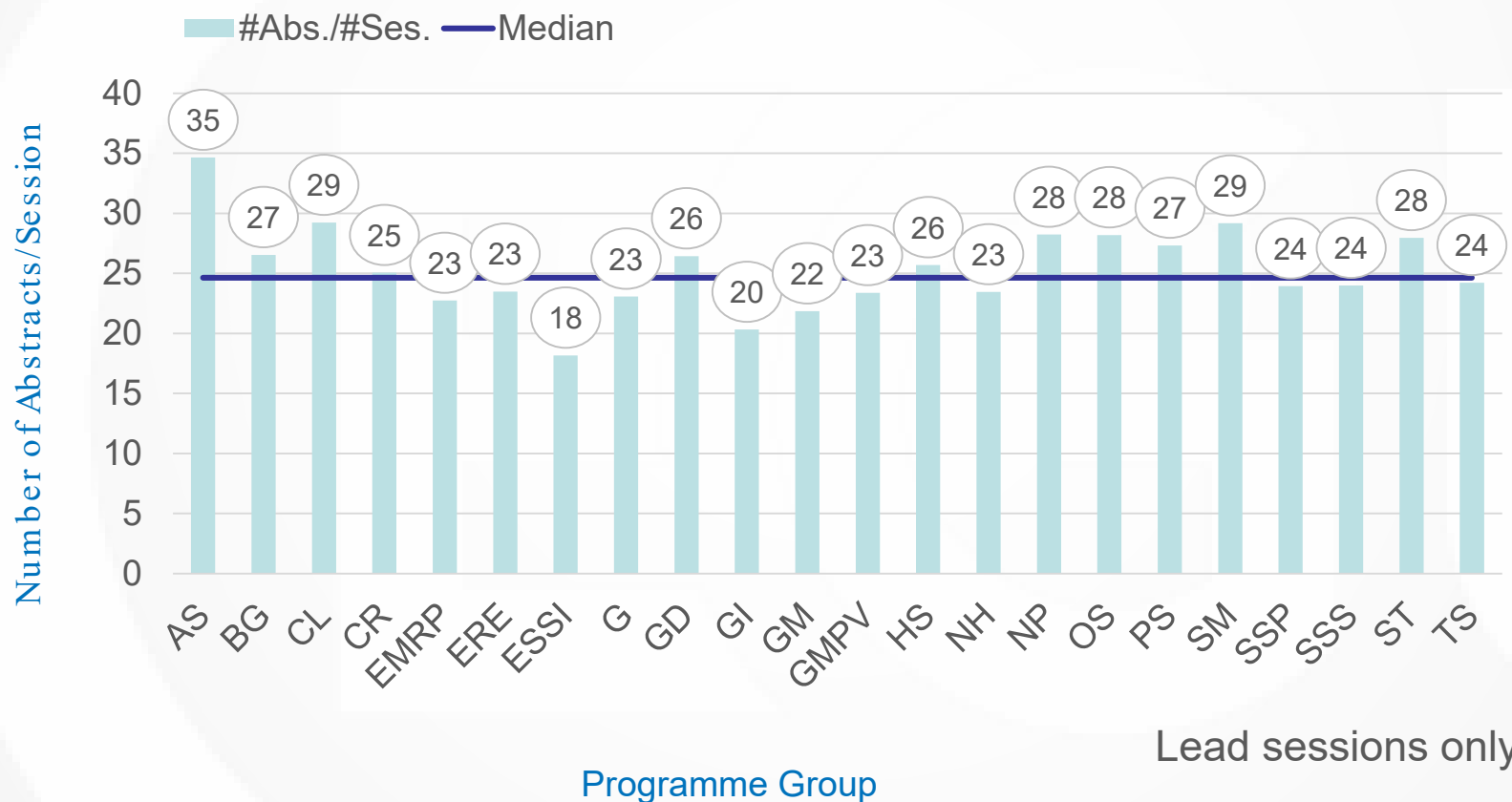
(as of 12 Apr)



CL
41 sessions
1278 abstracts

EGU23 Abstracts Per Session Per Programme Group

(as of 12 Apr)



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

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



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

CL Division Medals

(A quick overview)

Medallists' lectures 2023

MAL4, MAL14, MAL21 sessions 2023



Meetings | Publications | Outreach | www.egu.eu

The CL Division has 3 awards/medals

- **Division Outstanding Early Career Scientists Award**
- **Two division Scientists Medals:**
 - **Milutin Milankovic Medal**
outstanding research in long term climatic changes and modeling
 - **Hans Oeschger Medal**
outstanding achievements in ice research and/or short term climatic changes (past, present, future)

The 2023 Outstanding Early Career Scientists Award



CL Climate: Past, Present & Future

The 2023 **Arne Richter Award** for Outstanding Early Career Scientists is awarded to Wim Thiery for his broad-ranging research contributions on the topics of extreme climate events, climate change impacts, energy meteorology, water resources, and land-atmosphere interactions.

MAL4

Arne Richter Award for Outstanding ECS Lecture by Wim Thiery

Tue, 25 Apr, 16:20–16:50 (CEST) Room E2

Full citation at: <https://www.egu.eu/awards-medals/arne-richter/2023/wim-thiery/>

The 2023 Hans Oeschger Medal



The 2023 Hans Oeschger Medal is awarded to Hugues Goosse for wide and significant contributions to palaeoclimate modeling and pioneering work in data assimilation in palaeoclimatology.

MAL14

Hans Oeschger Medal Lecture by Hugues Goosse

Thu, 27 Apr, 19:00–20:00 (CEST) Room F1

Full citation at: <https://www.egu.eu/awards-medals/hans-oeschger/2023/hugues-goosse/>

The 2023 Milutin Milankovic Medal



The 2023 Milutin Milankovic Medal is awarded to Bette L. Otto-Bliesner for her exceptionally outstanding contribution to modelling the earth system from deep-time to glacials and interglacials, and leading pioneering work to use palaeoclimate for better future projection.

MAL21

Milutin Milankovic Medal Lecture by Bette L. Otto-Bliesner

Wed, 26 Apr, 14:00–14:30 (CEST) Room F1

Full citation at: <https://www.egu.eu/awards-medals/milutin-milankovic/2023/bette-l-otto-bliesner/>

OSPP

**Outstanding Student and PhD
candidate Presentation contest**

OSPP: Outstanding Student and PhD candidate Presentation contest

What is evaluated?

- scientific content (relevance, methods, ...)
- presentation (organization, aesthetic appeal, ability to answer questions, ...)

Who votes?

- 3 pre-defined judges per participating presentation
- ALL EGU participants (from post-doc level on, not co-author, no shared affiliation) can vote as well on abstract page!

WE NEED YOU!!!

Who can participate?

- first and presenting author
- either currently a BSc or MSc student or PhD candidate
- or last degree obtained in year of GA

Why participate?

- Better visibility for your research
- Award certificate and ceremony
- Free open-access publication in one of the EGU journals
- Conference fee waiver for next EGU





The 2022 Outstanding Student and PhD candidate Presentation (OSPP) Award is awarded to Carolina Machado Lima de Camargo for the poster/PICO entitled: *Regionalizing the Sea-level Budget Using a Neural Network Approach* (Camargo, C. M. L.; Marcos, M.; Hernandez-Carrasco, I.; Hermans, T. H. J.; Riva, R. E. M.; Slangen, A. B. A.)



The 2022 Outstanding Student and PhD candidate Presentation (OSPP) Award is awarded to Joel Zeder for the poster/PICO entitled:
The challenges of assessing low-likelihood temperature extremes with empirical data of past events (Zeder, J.; Sippel, S.; Fischer, E.)



The 2022 Outstanding Student and PhD candidate Presentation (OSPP) Award is awarded to Julius Oelsmann for the poster/PICO entitled:
The impact of continuous space and time-resolving vertical land motion on relative sea level change (Oelsmann, J.; Marcos, M.; Passaro, M.; Sanchez, L.; Dettmering, D.; Seitz, F.)



OUTSTANDING STUDENT AND PHD CANDIDATE PRESENTATION (OSPP) AWARDS 2022

Ramesh Glückler

The 2022 Outstanding Student and PhD candidate Presentation (OSPP) Award is awarded to Ramesh Glückler for the poster/PICO entitled:

Fires and forests: A reconstruction of Holocene fire-vegetation relationships in Central Yakutia, Siberia (Glückler, R.; Geng, R.; Grimm, L.; Baisheva, I.; Herzsuh, U.; Stoof-Leichsenring, K.; Kruse, S.; Andreev, A.; Pestryakova, L.; Dietze, E.)

How to become an Medalist or Awardee

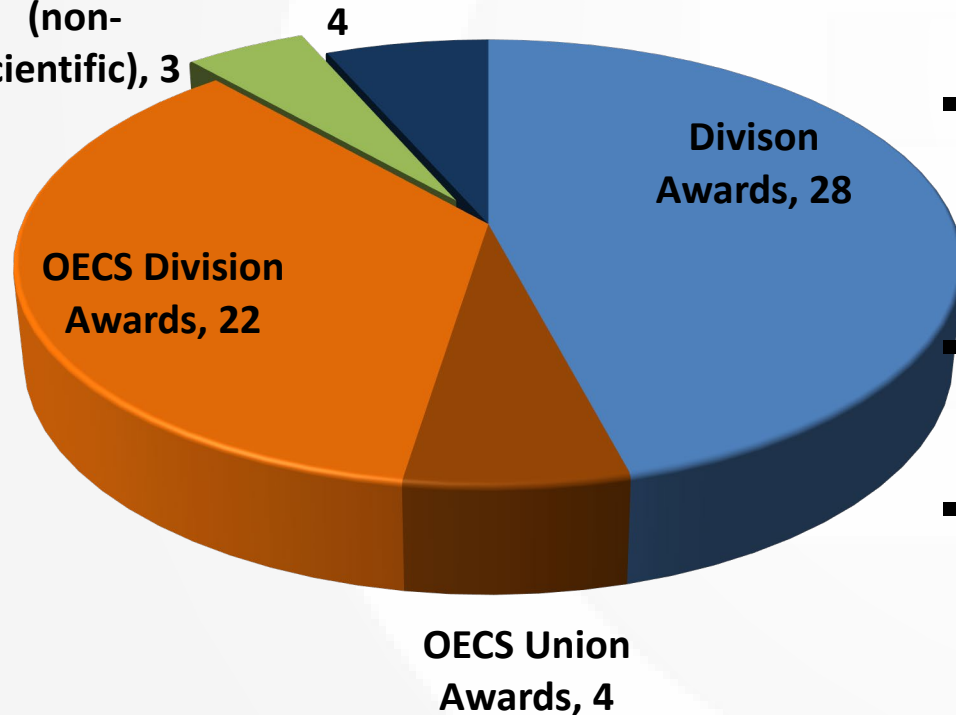


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EGU features an extensive awards & medals programme on all career stages

Union Awards (non-scientific), 3



- 4 prestigious **Union medals**, recognising excellence in scientific research
- 4 Union awards for **Outstanding Early Career Scientists (OECS)**, services for the Union, science journalism, and outreach
- 28 **division medals**, awarded for significant disciplinary contributions in Earth, Planetary and Space Sciences
- 22 **division awards for Outstanding Early Career Scientists (OECS)** and **General Assembly awards for students**



How to become an awardee or medalist?

- » Nominations are exclusively by EGU members (no self nomination)*
- » Candidates do not need to be EGU members.
- » Individual award and medal committees are then evaluating the nominations selecting the most deserving candidate based on **scientific achievements****.

* An exception is one award to promote excellence in journalism allowing nominations from non-members and self nominations

** plus one medal each for journalism, outreach and service to the union



How to nominate

What is required:



| | Division and Union medals | Outstanding Early Career Scientists Awards |
|-----------------------|---------------------------|--|
| Nomination letter | 1 page | ½ page |
| Curriculum Vitae | 2 pages | 1 page |
| Selected bibliography | 2 pages | ½ page |
| Supporting letters | 3-5 (max. 1 page each) | - |

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

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

ECS & Outreach



Meetings | Publications | Outreach | www.egu.eu



Early Career Scientists



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



ecs@egu.eu



WHO WE ARE

Early career scientists (ECS) are students and scientists in the Earth, planetary and space sciences who received their highest degree within the past seven years.

OUR ACTIVITIES

DURING THE YEAR

- Working Groups
- Communication and outreach (e.g., social media, blog posts)
- Webinars and training
- Networking events
- Science-policy activities

AT THE GENERAL ASSEMBLY

- Scientific Sessions
- Great Debates and Union Symposia
- Short Courses
- Networking events
- Mentoring programs
- Awards and recognitions
- Communication and outreach

Get in touch with your
Early Career Scientists
Division Representative



Visit us at the EGU Booth
Exhibition Hall X2
Purple Level –2 (basement)

Early -Career Scientist Events at EGU23

- **53 Short courses**
 - 28 Short courses ECS as headconvener
- **27 Networking events led by and aimed at ECS**
- **2 Great Debates led by ECS**
 - **Is social media outreach?** By Jenny Turton, Simon Clark, Nazimul Islam
 - **Scientific Neocolonialism:** tools and mechanisms to advocate and amplify the voices, knowledge and recognition of local knowledge in geoscience research by Robyn Pickering and coconvener
- **Outreach**
 - Introducing ECS Reps via EGU Blog (after GA)
 - Blogs and Social Media blurbs about ECS-events

CL Division ECS & Outreach Committees EGU 2023

| Position | Name | Contact details |
|--|--------------------------------|--|
| ECS rep (primary) | Nazimul Islam | nazimul.islam@unil.ch |
| Outreach (editor-in-chief) | Ichiko Sugiyama | ichiko.sugiyama@weizmann.ac.il |
| ECS co-rep | | |
| Outreach | Ricardo N. Santos | ricardo.s.16@hotmail.com |
| Outreach | Dr. Martin Wegmann | martin.wegmann@giub.unibe.ch |
| Outreach | Shalenys Bedoya Valestt | shalevale@gmail.com |
| Outreach; Social media coordinator (Twitter) | Natalie Selwood | nas56@cantab.ac.uk |
| Outreach | Dr. Negar Vakilifard | negar.vakilifard@open.ac.uk |
| Outreach (part-time) | Dr. Janina Nett | janina.boesken@geo.rwth-aachen.de |

Representation of CL -ECS team at EGU23

5 events with Life-Work Balance (LWB) working group

- **SC4.7:** Surviving Academia as a parent (*Apr 24*)
- **SC3.4:** Mind your head: Scared of giving presentations? (*Apr 24*)
- **SC2.6:** Mind your head: life-work balance what does it mean? (*Apr 27*)
- Visit the playground for scientists with kids (*Apr 26*)
- Climbing with the LWB group (*Apr 27*)

3 Short courses

- **SC5.6:** Getting started with Python in climate science (*Apr 24*)
- **SC4.13:** Application of age models in palaeoclimatology and geomorphology (*Apr 25*)
- **SC4.12:** Application of cosmogenic nuclides to earth surface processes (*Apr 28*)

Climate Division: Outreach & CL -Blog

- We are on twitter (@EGU_Climate): >2200 followers, 2250 tweets
- 2-3 campfires per year (individually and jointly with other divisions (e.g. women in climate science, citizen science, multi-proxy etc.)
- Blog posts (1 per month) individually and with other divisions and working groups
- Increasing number of readers (~400/week)
- Series: Life of a Climate Scientist

EGU Division blog post of the year 2022: Ricardo N. Santos

A glimpse into the INTIMATE's summer school of 2022

Ricardo N. Santos · November 21, 2022 · Climate of the Future, Climate of the Past, Climate of the Present · No Comments



Group photo of the INTIMATE summer school 2022 at Kokkila. Photo Credit: Francesco Muschitiello.



Be our next blog writer!

Are you a good storyteller in science?

Do you want to share your interesting research ideas with our climate community?

We are looking forward to hearing from you!

Please contact us at ecs-cl@egu.eu or via Twitter [@EGU_Climate](https://twitter.com/EGU_Climate)

CL Climate: Past, Present & Future

Share your interesting research topic in our blog!





CL Climate: Past, Present & Future

We are Looking you!

Are you looking for a volunteer opportunity with which you can build your career network and influence your community?

Come visit us at the EGU23 booth on Thursday, April 27th, from 10:30-11:30 am!

Join our Team!



Not attending EGU23 in person?

ECS-Representative: Nazimul Islam (cl-ecs@egu.eu)



[@EGU_Climate](https://twitter.com/EGU_Climate)

EGU Journals with particular links to the division

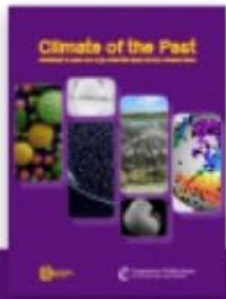


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EGU's open access peer -reviewed journals relevant to the CI Division

- **Climate of the Past (CP)**
- **Earth System Dynamics (ESD)**
- **Geoscientific Model Development (GMD)**
- **Weather and Climate Dynamics (WCD)**
- **Geochronology (GChron)**
- **Geoscience Communication (GC)**

For details see <https://www.egu.eu/cl/publications/>



Climate of the Past

An interactive open-access journal of the European Geosciences Union



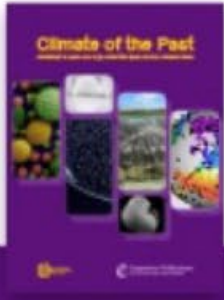
| EGU.eu | [EGU Journals](#) | [EGU Highlight Articles](#) | [Contact](#) | [Imprint](#) |

Climate division business meeting Vienna 2023

Co-editors-in-chief: Laurie Menviel, Marit-Solveig Seidenkrantz & Denis-Didier Rousseau

www.climate-of-the-past.net/

Contact us at cp-co-editors-in-chief@mailinglists.copernicus.org



Climate of the Past

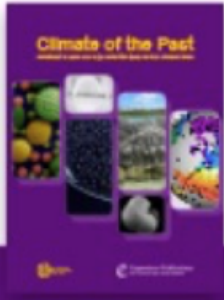
An interactive open-access journal of the European Geosciences Union



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Editorial board

- CP covers all temporal scales of climate change and variability, from geological time through to multidecadal studies of the last century. Studies focusing mainly on present and future climate are not within scope.
- Co-Editors in chief: [Marit-Solveig Seidenkrantz](#): *primus inter pares* at the end of the meeting [Laurie Menviel](#), [Denis-Didier Rousseau](#), & [Irina Rogozhina](#) (incoming chief for cryosphere)
- 45 regular editors, incl. 4 co-chief editors, plus guest editors for special issues.
- 19 F & 26 M
- 2 editors suspended for various reasons: Pascale Braconnot, and Pierre Francus
- Chiefs to enlarge the editorial board based on evolution of papers submitted, editors leaving, and geographic distribution



Climate of the Past

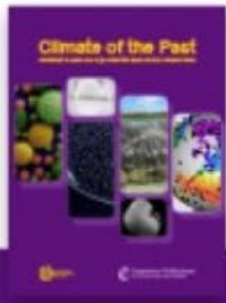
An interactive open-access journal of the European Geosciences Union



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Highlights:

- IF=4.498, IF since 2007
- 136 papers published in 2022
- 204 days median value from submission and final publication
- 16 papers highlighted in 2022
- 5 special issues in 2022-2023:
 - Past vegetation dynamics and their role in past climate changes: 17 Feb 2022–31 Dec 2024
 - Ice core science at the three poles (CP/TC inter-journal SI): 11 Aug 2022-31 Dec 2023
 - Paleoclimate, from observing modern processes to reconstructing the past: a tribute to Dick (Dirk) Kroon : 12 Oct 2022-31 Dec 2023
 - The Camp Century ice and sediment core: new science from a 1966 core that touched the base of the Greenland ice sheet (CP/TC inter-journal SI): 20 Feb 2023-01 Mar 2025
 - Icy landscapes of the past (CP/ESSD/ESurf/TC inter-journal SI) : 01 Apr 2023-31 May 2024



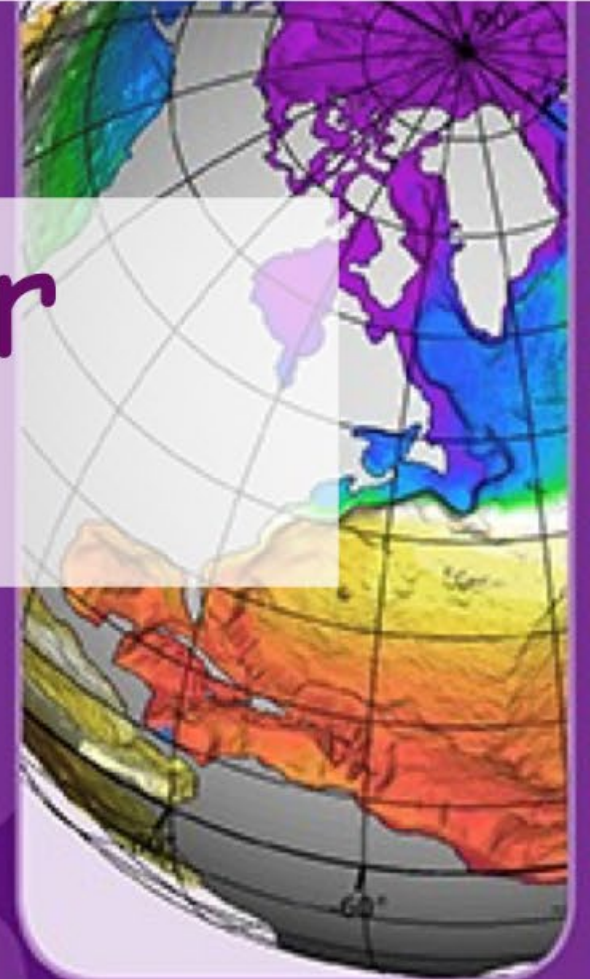
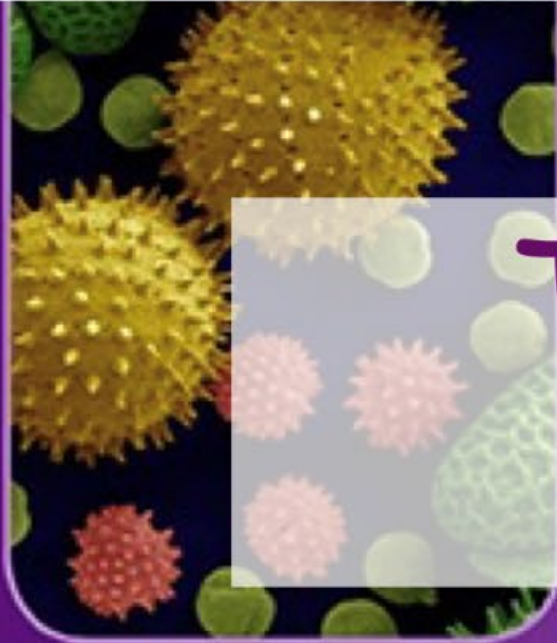
Climate of the Past

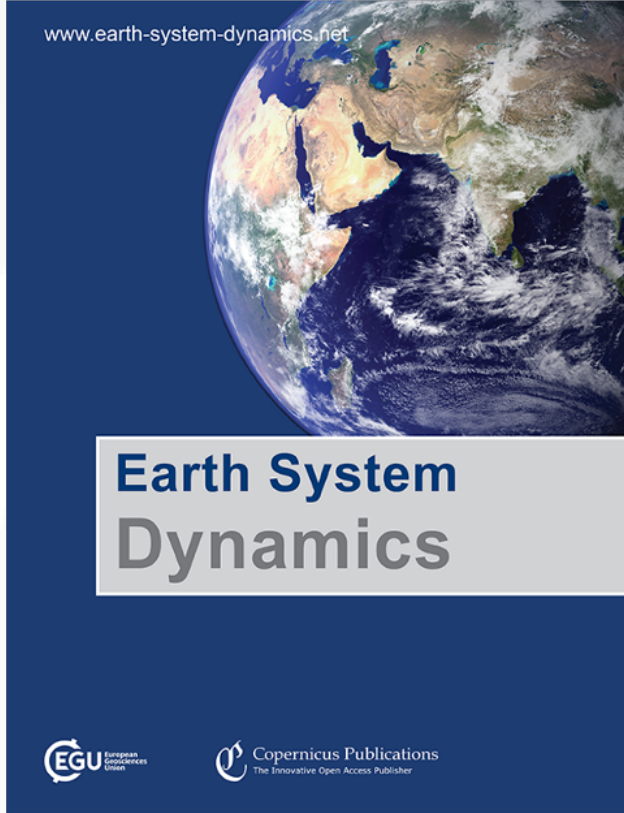
An interactive open-access journal of the European Geosciences Union



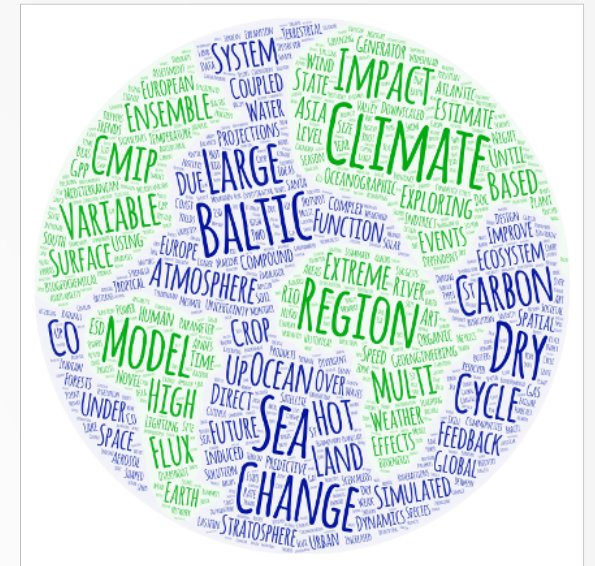
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Thank you for your
attention!!!





Diverse, interdisciplinary topics in Earth system science



Thanks!

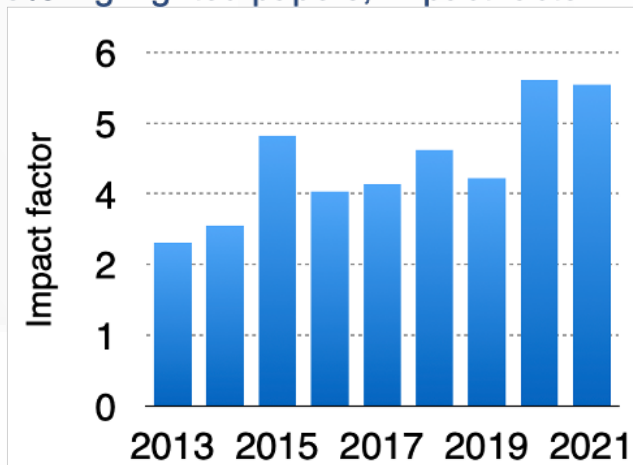
Welcome!

Changes in Chief Editors: Ning Zeng left, Gabriele Messori joined

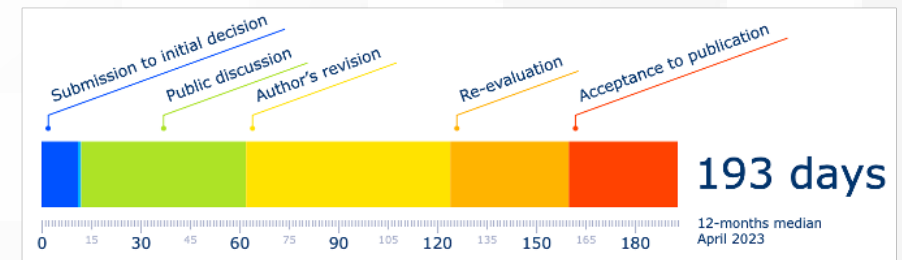
Changes in Editors: Currently 39 editors, 25% female, ongoing renewal and diversification

Thanks to all Editors & Reviewers for their voluntary work!

Impact (April 2023):
13% highlighted papers; Impact factor = 5.5



Fast (April 2023):
Submission to Publication < 7 months (median)



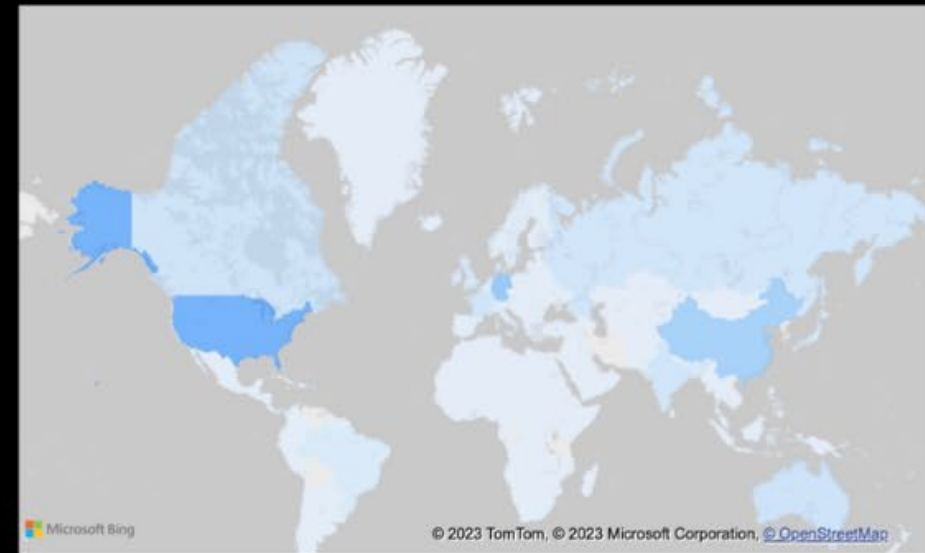
E-mail/talk/meet us here at EGU23
(Somnath Baidya Roy, Ira Didenkulova, Axel Kleidon, Gabriele Messori)

GEOCHRONOLOGY

Advances in geochronological science

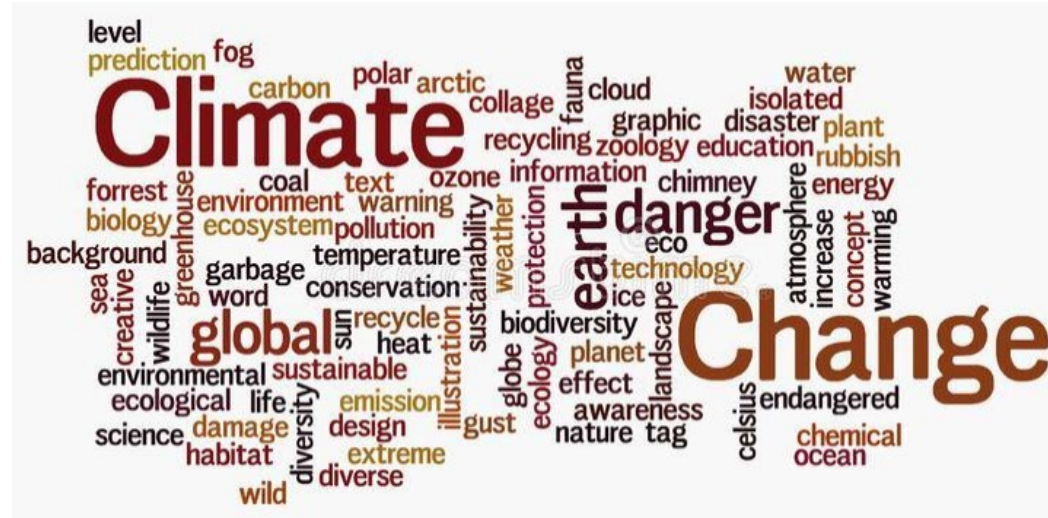
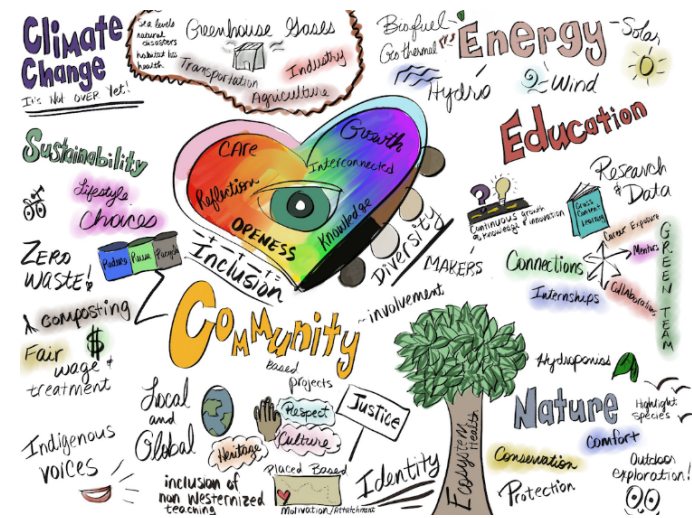
2022/2023

- **38 articles submitted, 41 published (similar to 2021)**
- **European/US dominated submissions but global readership**
- **SCOPUS citescore of 3.1, Impact factor this year...?**



Geoscience Communication special issue: *Call for papers on climate change education*

For more information, please read our **invitation letter**,
<https://oceansclimate.wixsite.com/oceansclimate/letter-gc-special>,
which will take you to the **call for articles**
<https://oceansclimate.wixsite.com/oceansclimate/gc-special>.



EGU23 Feedback Survey

Survey open until end of June

<https://www.egu23.eu/feedback>

**Please
Give Us
Feedback!**

Mark Your Calendar!

EGU General Assembly 2024
14–19 April 2024
Vienna, Austria & Online

Questions and other issues?



Meet the CL Team on Thursday!

EGU booth – Hall X2
Thu, 27 Apr, 10:30–11:30 CEST

Incoming & outgoing Division Presidents
Kerstin Treydte & Irka Hajdas
Science Officers and ECS Representatives

Wish you a successful and enjoyable
#EGU23

and see you at EGU24 (14-19 April, 2024)!



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