

# CL Division Meeting

Apr 29, 2025

Division on Climate: Past, Present and Future

Kerstin Treydte & CL Team

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



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

## Agenda

1. EGU GA 2025: Numbers at a Glance
2. CL Division Structure and Team (+ approval)
3. CL Division Awards & Medals
4. ECS & Outreach
5. EGU Journals linked to CL
6. Funding schemes, GA25 Feedback, GA26
7. Any other Business?

(as of 27 April 2025)

## EGU GA25: numbers at a glance

- ~19'500 registrations
  - ~17'700 (91%) onsite participants,
  - ~9% virtual participation
- 56% Early Career Scientists (ECS)
- 117 countries on-site; 98 virtual
- Gender: onsite: f 38%, m 58%, nb <1%, NA 3%  
virtual: f 43%, m 53%, nb <1%, NA 3%





## EGU GA25: numbers at a glance

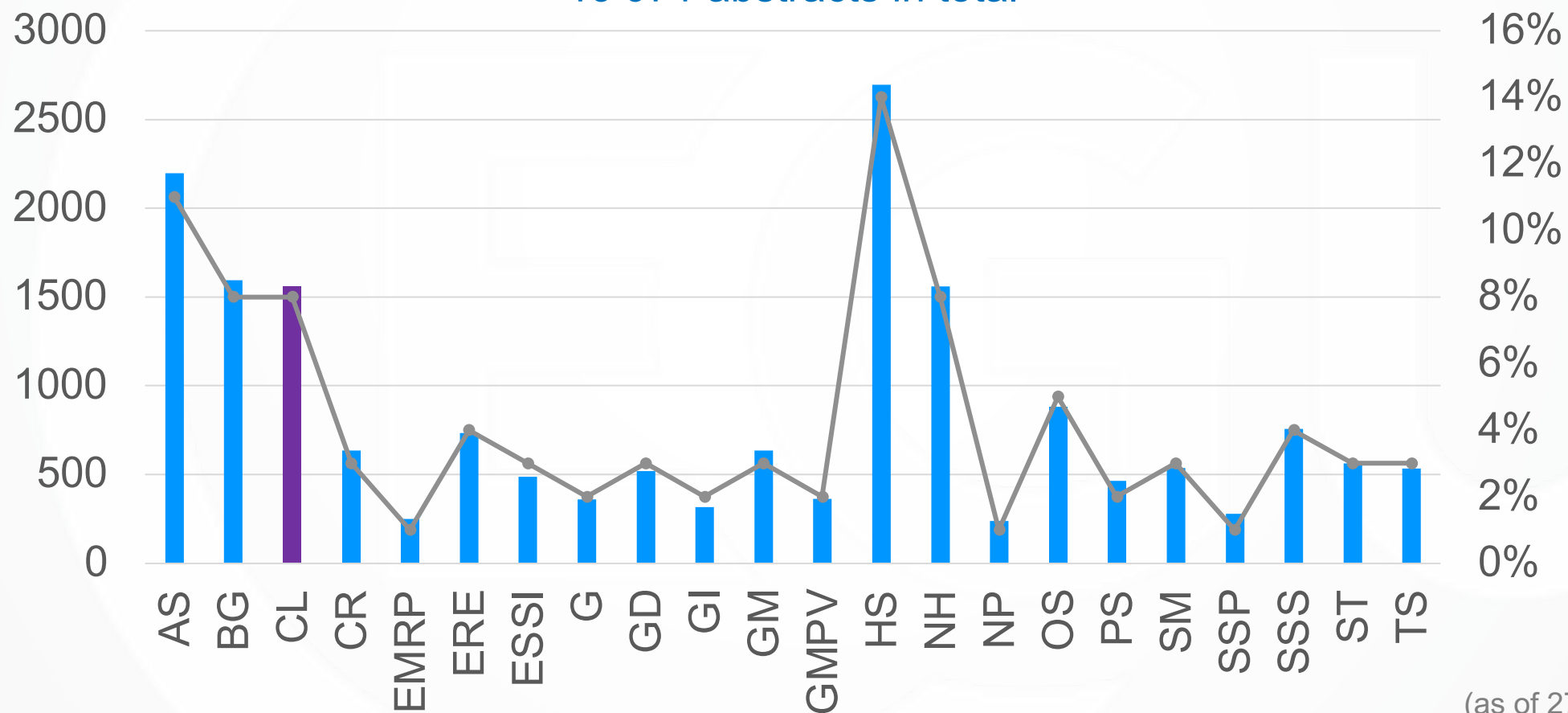
(as of 27 April 2025)

- **1'103 sessions** (+7% EGU24):
  - 730 disciplinary sessions, of which 48 are ITS sessions
  - 20 Education & Outreach Sessions (EOS), incl. GIFT workshop
  - 61 Short Courses; 2 Artist in Residence workshops
  - 38 Medal and Award Lectures
  - 9 Union Symposia and 9 Great Debates
  - 150 Townhall & Splinter meetings scheduled
- **ECS Networking, Science for Policy, and EDI Committee events**



## Abstracts in (lead) sessions per Programme Group

19'071 abstracts in total



(as of 27 April 2025)

## CL session & abstract statistics GA25

(as of 19 April 2025)

### CL lead sessions

number of sessions: **59**, thereof **10 ITS**

number of abstracts: **1558**

ECS abstract contributions: **57%**

Orals: **51%**

Posters: **44%**

PICOs: **5%**

### Co-organised sessions with other PGs

number of sessions: **48**

number of abstracts: **961**

**Total: 107 sessions, 2519 abstracts**

*Many thanks, dear conveners and authors!*



The Daily Newsletter  
at the General Assembly

**EGU TODAY IS  
NOW DIGITAL!**

[www.egu.eu/egutoday/](http://www.egu.eu/egutoday/)

## CL networking events

*Engage with the CL Team!*

### **ECS Networking Reception**

Today, 18:00–19:30, Rooftop Foyer

### **Meet the CL Division Team**

Wed, 30 April, 12:15–13:15, EGU Booth, Hall X2

### **CL ECS Networking Meet-up**

Wed, 30 April, 17:30–18:30, EGU networking zone, Hall X2

### **CL Networking Lunch**

Fri, 02 May, 12:45–13:45, EGU networking zone, Terrace G

## CL virtual poster sessions

*PICO spot 5/vPoster spot 5, Hall X5*

**VPS5: Climate Modelling, Projections and Climate Action**, Mon, 28 April, 14:00–15:45

### **VPS6: Current Climate Variability and Impact**

Thu, 01 May, 14:00–15:45

### **VPS7: Paleoclimatology and -ecology**

Fri, 02 May, 14:00–15:45

## CL Award & Medal Lectures

**Outstanding ECS Award Lecture by Kai Kornhuber**

*Physical drivers and statistical properties of high impact climate extremes*

Tue, 29 April, 10:45–11:15, Room F1

**Milutin Milanković Medal Lecture by Zhengyu Liu**

*Understanding paleoclimatic inference of stable water isotopes using iTRACE simulation*

Wed, 30 Apr, 10:45 - 11:30, Room F1

**Hans Oeschger Medal Lecture by Heather Stoll**

*Clarifying past AMOC and climate sensitivity with paleoclimate archives*

Thu, 01 May, 19:00-20:00, Room F2



## Union-Wide Events during GA25

A large number of events in addition to disciplinary & inter-/transdisciplinary sessions (ITS)

### 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 admin meetings (FAM)
- Press conferences (PC)

### Community-led

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



The Daily Newsletter  
at the General Assembly

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[www.egu.eu/egutoday/](http://www.egu.eu/egutoday/)

### Cross-cutting themes

- Art-Science
- GeoCinema
- Policy
- EDI

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





# Great Debate 9

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

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

**#EGU25**





# CL Division

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## Structure and Team



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

## CL Division Structure

### CL Programme Chairs & Science Officers

- CL Programme structure
- GA Session calls, evaluation, coord.

### CL ECS & Outreach Team

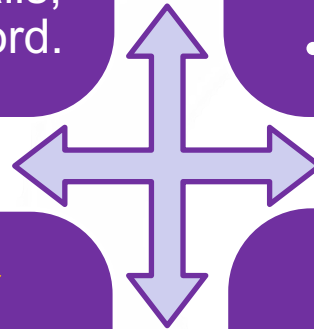
- Foster exchange with ECS of the CL Division
- Outreach/Blogs
- Special events

### CL Medal & Awards Committees

- Calls for nomination
  - Evaluation of Nominations
- OSPP coordination

### CL Policy Point of Contact

- Help scientists share expertise with policymakers





# CL Division Team



## CL Science Officers/Sub-Programme Chairs/ECS 2025-2026

### Division President & Deputy



Kerstin Treydte



Gabriele Messori



Ola Kwiecien



Carole Nehme



Janina Nett



Shalenys Bedoya-Valestt

### ECS Representative & Co-Rep



Elisabeth Dietze



Jan-Berend Stuut



Martin Wild



Roberta  
D'Agostino



Annika  
Stechemesser



Nazimul Islam

### CL Policy Point of Contact

## ***EGU Autumn Elections 2025***

**Election for the next Division President**  
*(to start at the GA 2027)*

- Call for candidates in summer
- Election in November
- Outcome to be published in December

## CL ECS & Outreach Team (2025-2026)

*ECS Representative*



Shalenys Bedoya-Valestt

*ECS Co-Rep*



Nazimul Islam

**New members welcome!!**

**Thank you  
Ricardo & Rieneke!**

*Chief Blog Editor*



Ricardo N. Santos

*Social Media*



Rieneke Weij



Samuel Barrao Simorte





## Hans Oeschger Medal Committee (2025-2026)



Karol Tylmann  
**Chair**



Hugues Goosse



Heather Stoll



Michael Sigl



Doug Smith



**Thank you  
Sonia Seneviratne!**



## Milutin Milanković Medal Committee (2025-2026)



Ayako Abe-Ouchi



Bette Otto-Bliesner



Peter L. Clark



Maria Fernanda  
Sanchez Goñi



Zhengyu Liu



**Thank you  
Hai Cheng!**



# CL Division

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## Awards & Medals



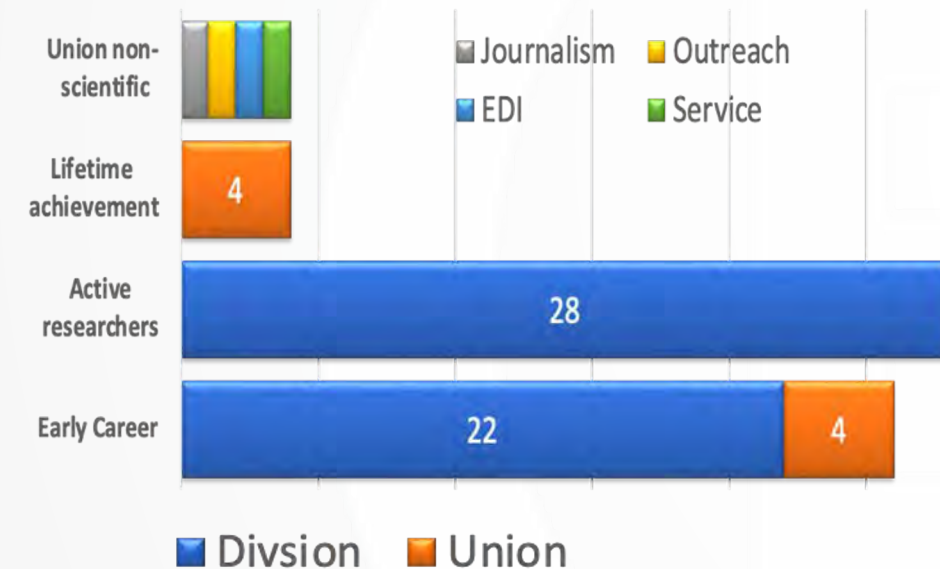
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Meetings | Publications | Outreach | [www.egu.eu](http://www.egu.eu)





## EGU Awards & Medals programme on all career stages



- 4 prestigious **Union medals**, recognising excellence in scientific research
- 4 **Union awards** for **EDI**, 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 4 **Union OECS awards**



## How to become an awardee?

- Nominations are exclusively by EGU members (no self-nomination)  
*(exception: excellence in journalism award allows both)*
- Candidates do not need to be EGU members.
- Individual Award & Medal Committees evaluate the nominations and select the most deserving candidate based on **scientific achievements**.  
*(one medal each for journalism, outreach, service to the Union, and EDI)*
- **Nomination deadline: June 15, 2025**  
<https://www.egu.eu/awards-medals/nominations/>





## Awards and Medals of the CL Division

- **Division Outstanding Early Career Scientists (OECS) Award**



- **Hans Oeschger Medal**  
*outstanding achievements in ice research and/or short-term climatic changes (past, present, future)*



- **Milutin Milanković Medal**  
*outstanding research in long-term climatic changes and modelling*

# **2025 OECS Awardee & Medallists of the CL Division**

## The CL Outstanding ECS Award 2025 is awarded to **Kai Kornhuber**



... for outstanding research on extreme weather and climate dynamics, including circum-global patterns in the jet stream, their relation to heatwaves and food security, and representation in climate models.

Award Lecture (MAL36-CL ): ***Physical drivers and statistical properties of high impact climate extremes.*** Tue, 29 Apr, 10:45–11:15, Room F1

## The Hans Oeschger Medal 2025 is awarded to **Heather Stoll**



... for pioneering contributions in both marine and terrestrial palaeoclimate research, which led to groundbreaking advancement in our understanding of rapid climate change, through forcings and feedbacks.



Medal Lecture (MAL14-CL):

***Clarifying past AMOC and climate sensitivity with paleoclimate archives***

Thu, 01 May, 19:00-20:00, Room F2

Full citation at: <https://www.egu.eu/awards-medals/hans-oeschger/2025/heather-marie-stoll/>



## The Milutin Milanković Medal 2025 is awarded to **Zhengyu Liu**



... for outstanding contributions to our understanding of global climate change by combining theoretical approaches, the development and use of a hierarchy of models, and model-data comparisons.



Medal Lecture (MAL22-CL): ***Understanding paleoclimatic inference of stable water isotopes using iTRACE simulation.*** Wed, 30 Apr, 10:45 - 11:30, Room F1





# **EGU Award & Medal Celebration**

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

**#EGU25**

**Room E1**

# Outstanding Students and PhD candidate Presentation (OSPP) 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



## CL OSPP Awardee Laura Detjen

PhD candidate, Climate Service Center Germany (GERICS), Helmholtz-Zentrum Hereon



Heavy and extreme precipitation events in the Sichuan Basin during the 2020 summer season in a set of kilometre-scale simulations.

(Detjen, L.; Curio, J.; Ou, T.)

## CL OSPP Awardee Dánae Sanz Pérez

PhD Candidate, Faculty of Geological Sciences, Universidad Complutense de Madrid, Spain



Paleoenvironmental and paleoecological changes during the early GABI in the Argentine Pampas: a stable isotope approach.

(Sanz Pérez, D.; Montalvo, C.I.; Mehl, A.E.; Tomassini, R.L.; Hernández Fernández, M.; Domingo, L.)



## CL OSPP Awardee Laura Schild

PhD candidate, Alfred-Wegener-Institute, Helmholtz Centre for Polar and Marine Research; University of Potsdam



Richness asymmetry with past forest loss and gain in pollen data.

(Schild, L.; Laepple, T.; Kühn, I.; Herzsuh, U.)

## CL OSPP Awardee Meike D.W. Scherrenberg

PhD candidate, Institute for Marine and Atmospheric Research Utrecht (IMAU), Utrecht University, Netherlands



Simulating the ice sheets during the Mid-Pleistocene Transition: A dance of ice, CO<sub>2</sub> and orbital cycles

(Scherrenberg, M.; Berends, C.; van de Wal R.)

## **ITS OSPP Awardee Michael Aich**

PhD candidate, School of Engineering and Design, Technical University of Munich (TUM), Germany

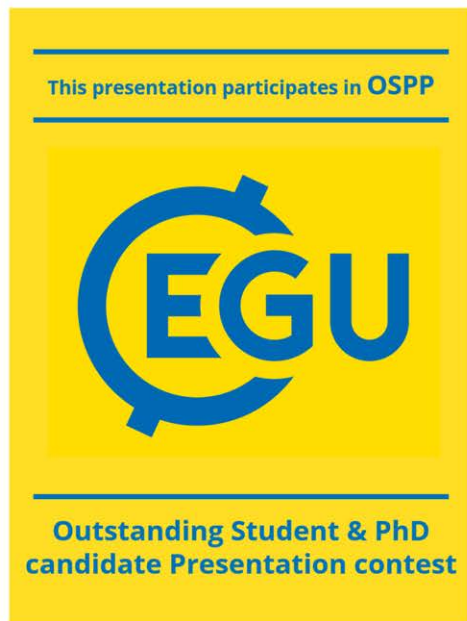
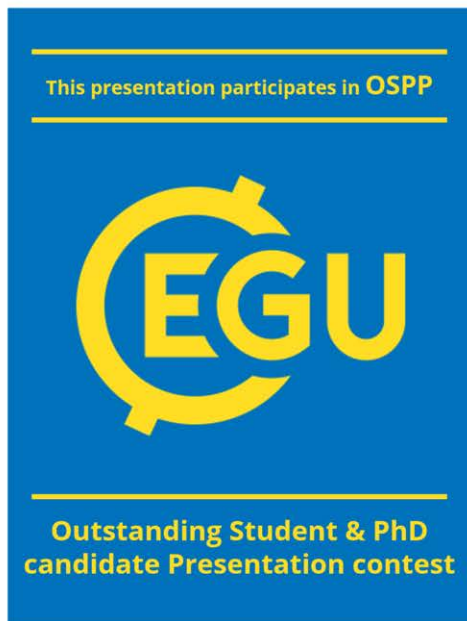


Generative diffusion models for downscaling & bias correction of precipitation

(Aich, M.; Hess, P.; Pan, B.; Bathiamy, S.; Huang, Y.; Boers, N.)



# 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!

# CL Division

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## ECS & Outreach

Shalenys Bedoya-Valestt, CL ECS Rep



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



# ECS Activities

- **We organise** campfires, webinars, short courses and networking events.
- **We contribute** to blog posts, social media and newsletters.

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## 2024-2025

- **4 Blogs**

*New Meet the OSPP Awardees Series*

- **Active on Twitter**
- **2 Short-Courses #EGU25**
- **3 Pop-up networking events**

## 2025-2026 Plan

### **New Division Newsletter!**

### **Blogs**

*We welcome guest authors!*

Contact [ecs-cl@egu.eu](mailto:ecs-cl@egu.eu)

### **Campfires**

*Contact us if you are interested in giving a seminar to our EGU CL community!*

Stay tuned and subscribe to our CL-ECS email list here:  
<https://lists.egu.eu/mailman3/lists/>



# Join our CL ECS team!

*This is a great opportunity for you  
to contribute to our CL Community!*



**We are looking  
for you!  
Join our ECS  
team** and get  
involved in our CL  
Division!

We are looking for a new **Chief Blog Editor** and **Social Media manager**.

Do you want to ***organize campfires and networking events?*** We offer you the space while you meet the experts and ECS colleagues in the field!

Get involved | [ecs-cl@egu.eu](mailto:ecs-cl@egu.eu)

# Events at #EGU25

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## Come to chat with us!

***Meet the CL division team.*** Wed, 12:15–13:15 @ **EGU booth – Hall X2**

***CL ECS pop-up events*** (EGU networking zone)

***Coffee.*** Mon, 10:15–10:45 @ **Terrace G**

***Drink.*** Wed, 17:30–18:30 @ **Hall X2**

***Lunch.*** Fri, 12:45–13:45 @ **Terrace G**

**Everyone is welcome!**

## Short-courses

### ***SC 4.4***

***Radiocarbon Dating Concepts and Practical Guide***

Mon, 08:30–10:15 | **Room 2.62**

### ***SC 4.13***

***Introduction on how to use Deep Learning to characterize climate extremes***

Wed, 19:00–20:00 | **Room 2.62**

Get involved | [ecs-cl@egu.eu](mailto:ecs-cl@egu.eu)



# CL Division

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## EGU Journals related to CL



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



# Open Access Publications




- Open Access Journals
- Interactive Public Peer Review



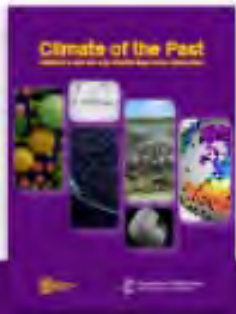
[www.egu.eu/publications](http://www.egu.eu/publications)

***New, attractive article processing charges apply (from Jan 2025)!***

## EGU journals related to the CL Division

- Climate of the Past (CP) 
- Earth System Dynamics (ESD)
- Weather and Climate Dynamics (WCD)
- Geochronology (GChron)





# Climate of the Past

An interactive open-access journal of the European Geosciences Union



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

## Climate division business meeting Vienna 2025

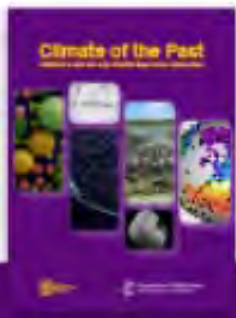
Co-editors-in-chief: Laurie Menviel, Irina Rogozhina, Denis-Didier Rousseau, Marit-Solveig Seidenkrantz & Luke Skinner

**20 years**  
Climate of the Past

[www.climate-of-the-past.net/](http://www.climate-of-the-past.net/)

Contact us at [cp-co-editors-in-chief@mailinglists.copernicus.org](mailto:cp-co-editors-in-chief@mailinglists.copernicus.org)





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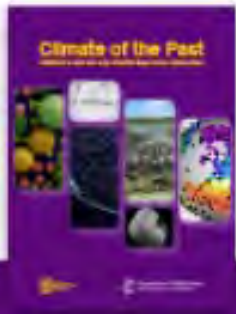


| [EGU.eu](#) | [EGU Journals](#) | [EGU Highlight Articles](#) | [Contact](#) | [Imprint](#) |

## 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 (see WCD).**
- Co-Editors in chief: [Laurie Menviel](#) (*primus inter pares*), [Irina Rogozhina](#), [Marit-Solveig Seidenkrantz](#) (stepping down at the end of the meeting) [Denis-Didier Rousseau](#), & [Luke Skinner](#) (**new chief for ocean**)
- 55 regular editors, incl. 5 co-chief editors, plus guest editors for special issues.
- 24 F & 31 M
- 8 new editors to enlarge the editorial board based on evolution of papers submitted, editors leaving, and geographic distribution

**20 years**  
Climate of the Past



# Climate of the Past

An interactive open-access journal of the European Geosciences Union

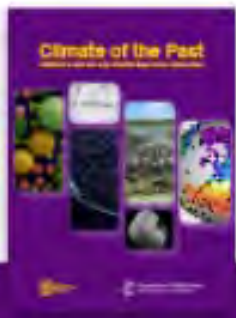


| [EGU.eu](#) | [EGU Journals](#) | [EGU Highlight Articles](#) | [Contact](#) | [Imprint](#) |

## Highlights:

- IF= ca 4, IF since 2007
- 133 papers published in 2024
- 225 days median value from submission and final publication
- 11 papers highlighted in 2024
- 2 special issues in 2023-2024:
  - 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
  - Coastal geological proxies and models in Pliocene to Pleistocene interglacials: state-of-the-art and future perspectives: 01 Oct 2024–31 Jul 2025
- 1 cross-journal collection with ESD + others about Tipping Points (in preparation).

**20 years**  
Climate of the Past



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An interactive open-access journal of the European Geosciences Union



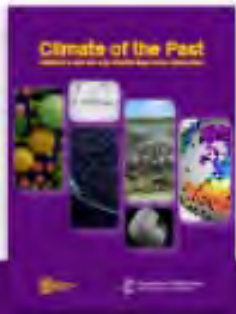
| [EGU.eu](http://EGU.eu) | [EGU Journals](#) | [EGU Highlight Articles](#) | [Contact](#) | [Imprint](#) |

## Highlights: Reviewer and editor certificates for major contributions

- **Gold certificate (>20 papers reviewed):**
  - Dr. Laurie Menviel
  - Dr. Didier Paillard
- **Silver certificate (15-20 papers reviewed)**
  - Dr. Chris Brierley
  - Dr. Anders Svensson
- **Bronze certificate (>10 papers reviewed)**
  - Dr. Guillaume Leduc
  - Dr. Didier Swingedouw
  - Dr. Stefan Brönnimann
  - Dr. Dan Lunt

**20 years**  
Climate of the Past





# Climate of the Past

An interactive open-access journal of the European Geosciences Union



| [EGU.eu](https://www.egu.eu) | [EGU Journals](https://www.egu.eu/journals) | [EGU Highlight Articles](https://www.egu.eu/highlight) | [Contact](https://www.egu.eu/contact) | [Imprint](https://www.egu.eu/imprint) |

## Celebration of the 20-year jubilee of CP in 2025 - 2026

- Reception on Thursday 1 May @ EGU25 Foyer F 18:00-19:00

- Webinar series



CP editors:

20 years  
Climate of the Past



**Series Title:** Climate of the Past 20<sup>th</sup> anniversary webinar series

**Event dates:** June 2025 to April 2026

To mark its 20th anniversary, *Climate of the Past*, an interactive journal of the European geosciences Union, is launching a special webinar series celebrating two decades of leading paleoclimate science.

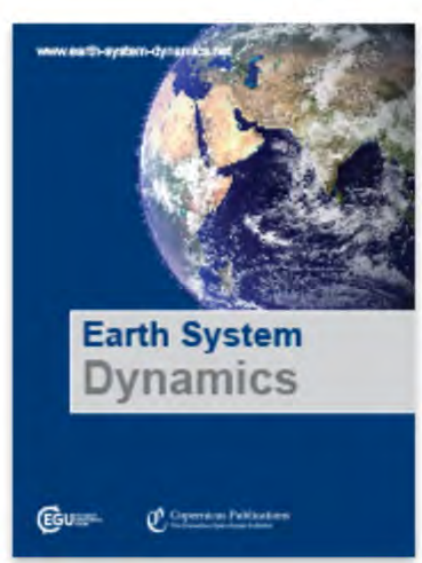
**Event description:**

Each webinar will emphasize the journal's scientific diversity and impact, featuring **two invited talks** of 30' from leading researchers across different areas of paleoclimate science. Talks will be followed by a live 30' **Q&A session**, allowing for discussion and engagement with the broader community.

**Session planned** (exact dates, times and speakers to be announced later):

1. Abrupt Climate Change and Tipping Points, 11 June 2025, 16:00 CEST
2. High-Resolution Paleoclimate Data, July 2025
3. Greenhouse Gases and Climate Sensitivity, September 2025
4. Paleoclimate Modeling and Data Assimilation, October 2025
5. Impact of Past Climate Change on Ecosystems and Human Societies, November 2025
6. Ocean Circulation and Climate Change, 1 December 2025
7. Polar Climate History, January 2025
8. Monsoon Variability, February 2025
9. Volcanism and Climate, March 2025
10. Paleoclimate of Extreme Events, April 2025





INTERACTIVE PUBLIC  
PEER REVIEW



ARTICLE LEVEL  
METRICS



MODERATE ARTICLE  
PROCESSING CHARGES



FINANCIAL  
SUPPORT

Chief editors: Somnath Baidya Roy, Ira Didenkulova, Axel Kleidon & Gabriele Messori

eISSN: ESD 2190-4987, ESDD 2190-4995

Breakdown: articles by subject

Subject/Group	Articles		
<b>Methods</b>			
Earth system and climate modeling	39	Earth system	6
Other methods	14	Oceans	5
Idealized models	7	Atmosphere	3
Model and data diagnostics	5	Sustainability science	3
In-situ observations	2	Antroposphere	2
Mathematical geosciences and physical models	1	Biogeochemical processes	2
		Geoengineering	2
<b>Topics</b>		Natural Hazards and extreme events	2
Climate change	20	Other topics	2
Climate dynamics and variability	10	Renewable energy	2
Biosphere and ecosystems	6	Forecasting and predictability	1
		Hydrology	1
		Wildfires	1

ESD Letters

ESD perspectives



## Earth System Dynamics 2025 Editor Awards:

Anping Chen

Roberta D'Agostino

Ben Kravitz

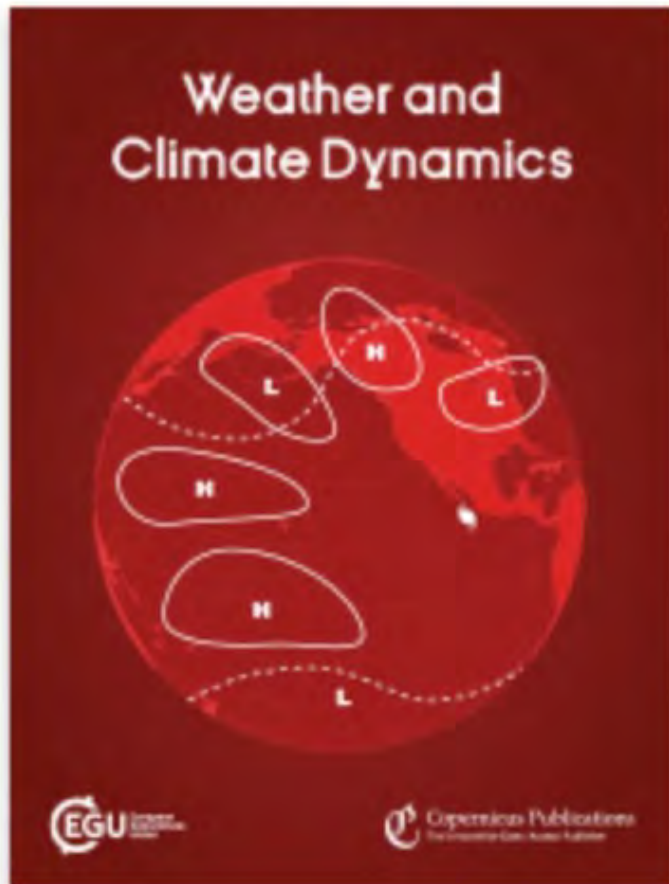
Claudia Timmreck



# **Earth System Dynamics 2025 Highlight Paper Awards**

To highlight papers published in ESD during 2024

## WCD Outstanding Reviewer Certificate: Orli Lachmy





# 100% open access and publicly peer reviewed!

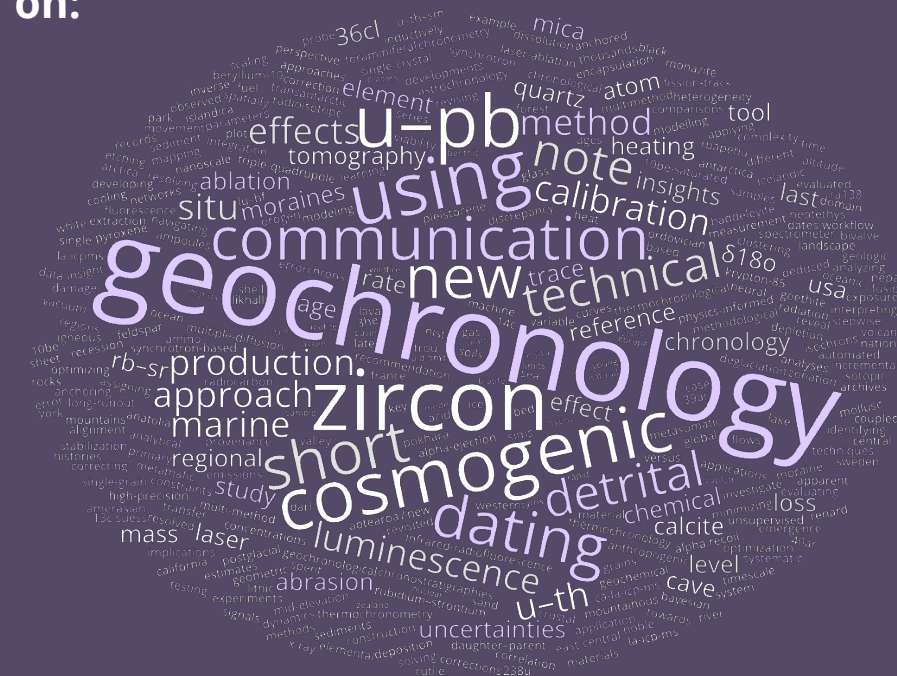
**LAUNCHED  
IN 2019!**



## GEOCHRONOLOGY

Advances in geochronological science

A community-driven journal that in 2024\* published extensive, exciting new research on:



"Why did I choose GChron to publish my work? Because it is a dedicated open-access journal with fantastic editorial and production support that puts what I care most about in the centre: my research!"

Sebastian Kreutzer, author 2023

[doi.org/10.5194/gchron-5-271-2023](https://doi.org/10.5194/gchron-5-271-2023)

### Key Journal Metrics:

Papers published in 2024: **41**

Number of countries where authors were based in 2024: **17**

Number of countries where editors were based in 2024: **10**



***Last but not least:***

**A few funding and financial support opportunities**

# New EGU Equality, Diversity and Inclusion (EDI) Participation support scheme for GA attendance

Provide assistance for GA participants facing financial challenges related to **caregiving responsibilities, disability and special needs** and/or **career transitions**.

[\*https://www.egu25.eu/guidelines/supports\\_and\\_waivers.html\*](https://www.egu25.eu/guidelines/supports_and_waivers.html)





## 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/>

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

**Application process:**

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

For details and to **submit a concept note:**

 [\*\*\*https://www.egu.eu/meetings/special-activity-fund/\*\*\*](https://www.egu.eu/meetings/special-activity-fund/)

*Ready to organize your own event?*

**Apply for funds to run a training school, conference,  
external meeting in 2026!**



Photo credit: **V. De Micco, 2024**

The EGU Topical Events Committee provides **financial support** 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** →







# CL Division

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## Any other Business?



# Meet the CL Team!

## **ECS Networking Reception**

Today, 29 April, 18:00–19:30

Rooftop Foyer

## **Meet the CL Division Team**

Wednesday, 30 April, 12:15–13:15

EGU Booth, Hall X2

## **CL ECS Networking Meet-up**

Wednesday, 30 April, 17:30–18:30

EGU networking zone – next to EGU booth, Hall X2

## **CL Networking Lunch**

Friday, 02 May, 12:45–13:45

EGU networking zone on Terrace G, Purple Level



**Hall X2**

**Please  
Give Us  
Feedback!**

Mark Your Calendar!

**EGU General Assembly 2026**  
**April 3 - 8**  
**Vienna & online**

**[egu25.eu/feedback](https://egu25.eu/feedback)**





**CL Division**

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**Enjoy the GA 2025  
and see you again in 2026!**



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