

2024 CL Division Meeting

Division on Climate: Past, Present and Future

Kerstin Treydte
(Division President)

EGU24 General Assembly, Vienna and online | 14–19 April



Meetings | Publications | Outreach | www.egu.eu

Agenda

1. CL Division structure and team (+voting)
2. EGU GA 2024
3. CL Division Awards & Medals, OSPP
4. ECS & outreach activities
5. EGU Journals with links to CL
6. EGU24 feedback survey, EGU GA 2025
7. Any other Business?

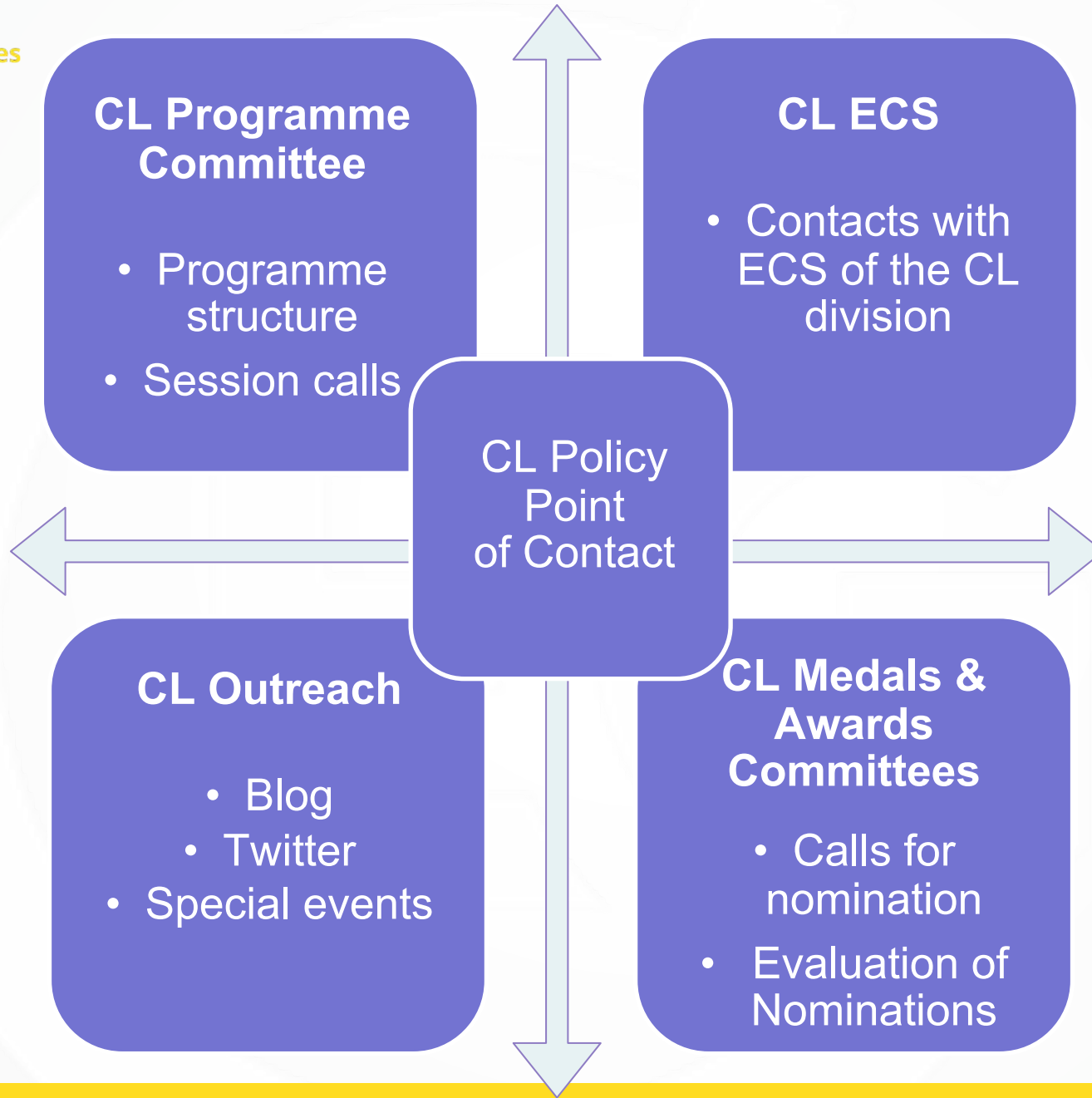
CL Division

Structure and Team



Meetings | Publications | Outreach | www.egu.eu

CL Division Structure



Meet the CL Team on Thursday!

EGU booth –Hall X2
Thu, 18 Apr, 12:30–13:30



EGU's Science for Policy Working Group

- promote greater collaboration between the geoscientific community and policymakers
- highlight policy-relevant outputs from EGU scientists
- help policymakers to more accurately assess the benefits and potential consequences of different policy pathways.



EGU's Science for Policy

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

EGU's Science for Policy Help Desk
Every day, 12:00-13:00 at the EGU booth

See the full EGU24 Science for Policy Programme



EGU Division Policy Officers:

- 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

CL Policy Officers



Roberta
D'Agostino



Annika
Stechemesser



New CL Division Team

Division President & Deputy



Kerstin Treydte



Gabriele Messori

CL Science Officers/Sub-Programme Chairs

OSPP Coordinator



Ola Kwiecien



OECS Coordinator



Carole Nehme



Jan-Berend Stuut



Elisabeth Dietze



Martin Wild



Janina Nett



ECS Representative & Co-Rep



Shalenys Bedoya-Valestt



Nazimul Islam

New CL ECS & Outreach Team

ECS Rep



Shalenys Bedoya-Valestt

ECS Co-Rep



Nazimul Islam



Ricardo N. Santos
Chief Blog Editor



Rieneke Weij
**Social Media
Coordinator**



CL Division Awards & Medals Committees EGU25

OECS Award



Carole Nehme

Hans Oeschger Medal



Karol Tylmann
Chair



Sonia I.
Seneviratne

Milutin Milanković Medal



Ayako Abe-Ouchi
Chair



Hai Cheng



Peter U. Clark



Michael Sigl



Doug Smith



Bette L.
Otto-Bliesner



Maria Fernanda
Sanchez Goñi

CL Division

EGU General Assembly 2024



Meetings | Publications | Outreach | www.egu.eu

EGU24: Registration statistics

(as of 4 April 2024)



EGU23 main entrance
Photo credit: Pfluegl 2023

- 19,319 active scheduled abstracts
- 16,746 paid registrations (8% for virtual participation)
- 50% of virtual participants benefited from free registration (Undergraduate/master students & Low- & lower-middle income countries)
- 37% on-site participants and 52% virtual participants are PhD candidates, Master or Undergraduate students
- 2% on-site participants and 24% 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 on-site participation; 90 virtual participation

EGU24: Programme statistics (as of 29 March 2024)

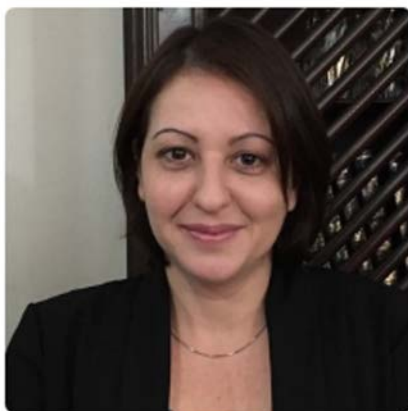
- **1,025 active sessions** (+11% EGU23):
 - 675 division-led sessions, of which 42 are ITS sessions
 - 17 Education and Outreach Sessions (EOS) + GIFT workshop
 - 61 Short Courses + 2 Artist in Residence workshops
 - 39 Medal and Award Lectures
 - 6 Union Symposia and 10 Great Debates
 - 152 Townhall & 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/>

Thank you to the EGU Programme Committee Chairs
Maria-Helena Ramos, & **Athanasios** Nenes
and **Jane** Roussak



Maria-Helena
Ramos

PROGRAMME COMMITTEE
CO-CHAIR



Athanasios Nenes

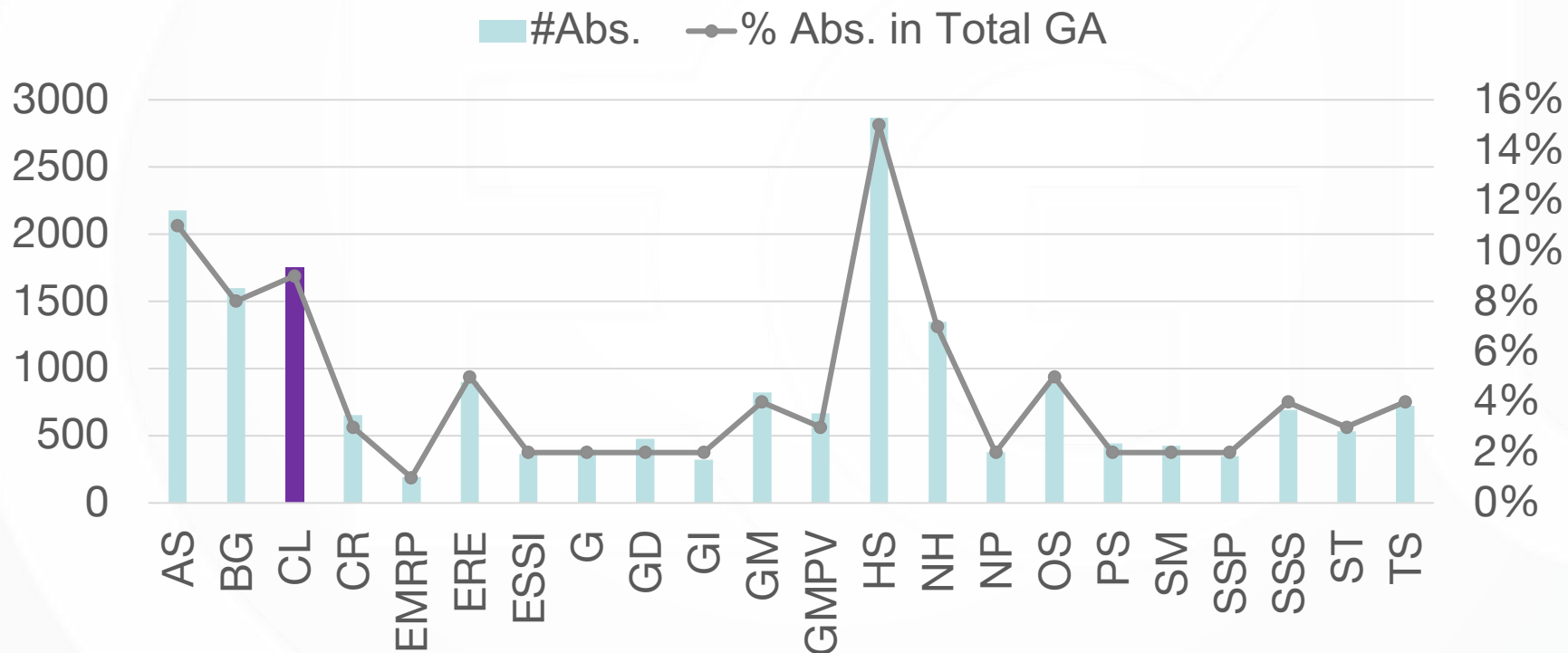
PROGRAMME COMMITTEE
CO-CHAIR



Jane Roussak

EVENTS MANAGER

EGU 2024 Abstracts per Programme Group



(as of 24 March 2024)

CL abstract statistics EGU 2024

Lead sessions

number of sessions: **56**

number of abstracts: **1733**

ECS abstract contributions: **58%**

Orals: **845** (49%)

Posters on site: **724** (42%)

Posters virtual: **41** (2%)

PICOs: **123** (7%)

Co-organised sessions

number of sessions: **41**

number of abstracts: **1134**

Total: 97 sessions, 2867 abstracts

(as of 10 April 2024)

Union-Wide Events

A large number of events and activities are taking place throughout the week in addition to Division & ITS sessions:

Union-wide

- Union Symposia (US)
- Great Debates (GDB)
- Medal & Award Lectures and Celebrations
- 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 sci
- Pop-up networking events
- Pop-up exhibitor events

Cross-cutting themes

- Art-Science
- GeoCinema
- Policy
- EDI



Great Debate 10

**Elevating EDI practices in the
geosciences considering
intersectionality**

**Wednesday 17 April, 10:45–12:30 CEST
Room E1**

#EGU2



Great Debate 3

**The Great EGU Climate Debate:
The Anthropocene - Epochalypse Now?**

**Tuesday 16 April, 16:15–18:00 CEST
Room E1**

#EGU24



Great Debate 9

Artificial Intelligence in scientific publishing: blessing or bane?

**Friday 19 April, 10:45–12:30 CEST
Room E1**

#EGU24

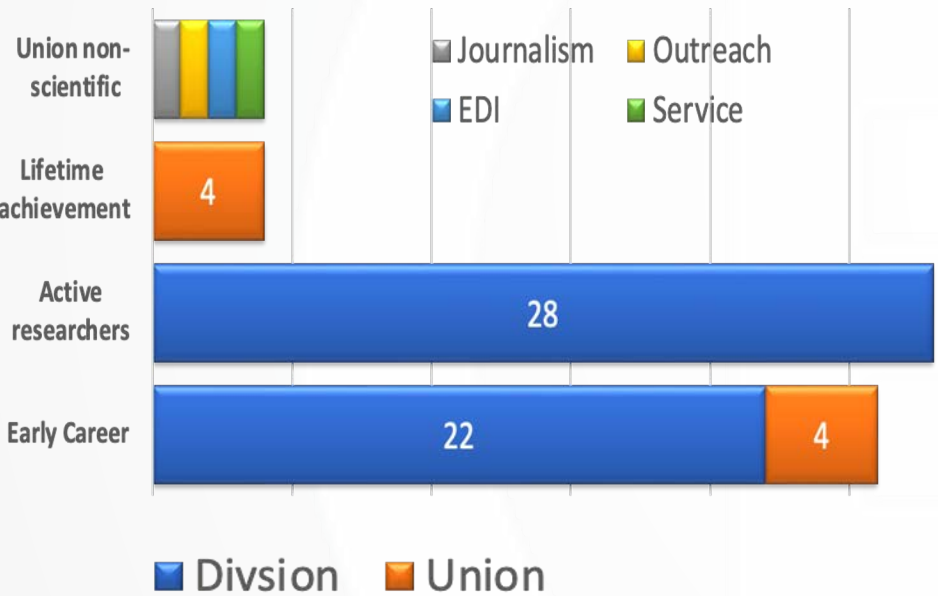
CL Division

Awards & Medals, OSPP contest





EGU features an extensive 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)*
- 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****.

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

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



How to nominate

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

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

What is required:



	Division and Union medals	Outstanding Early Career Scientists Awards
Nomination letter	5000 characters (including spaces)	2500 characters (including spaces)
Curriculum Vitae	2 pages	1 page
Selected bibliography	2 pages	½ page
Supporting letters	3-5 5000 characters (including spaces)	None (multiple nominators possible)

Nomination and supporting letters via on-line form

Awards and Medals of the CL Division

- **Division Outstanding Early Career Scientists Award (OECS Award)**
- Two Division Medals:
 - **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

OECS Awardee & Medalists 2024 of the CL Division

The **2024 OECS Award** is awarded to **Maria A.A. Rugenstein ...**



... for her ***outstanding research in climate dynamics and the ocean's influences on atmospheric feedbacks.***

MAL36-CL, Thu, 18 Apr, 10:50–11:20 (CEST) Room F1:

The pattern effect: How radiative feedbacks depend on surface warming patterns and influence near-term projections

The 2024 Hans Oeschger Medal is awarded to **Michael Sigl** ...



... for his *innovative contributions, which improved ice core chronologies and illuminated the impacts of volcanic eruptions on climate and societies.*

MAL13-CL, Thu, 18 Apr, 19:00-20:00 (CEST) Room F1:

A slice through time — securing timelines of past climate, global volcanism and human societies

Full citation at: <https://www.egu.eu/awards-medals/hans-oeschger/2024/michael-sigl/>

The 2024 Milutin Milanković Medal is awarded to Peter U. Clark...



... for ***exceptional contributions to reconstructing and understanding how the past climate, ice sheets and sea level responded to perturbations, with a perspective on future committed changes.***

MAL14-CL, Mon, 15 Apr, 16:15-17:15 (CEST) Room F1:

A Revisionist View of the Mid-Pleistocene Transition

Full citation at: <https://www.egu.eu/awards-medals/milutin-milankovic/2024/peter-u-clark/>



EGU Award & Medal Celebration

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

#EGU24

Room E1

OSPP

Outstanding Students and PhD candidate 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 OSPP Award of the EGU GA 2023 is awarded to **Ali Serkan Bayar ...**



... for his presentation on ***Greater rate of climate zone change in CMIP6 Earth System Models due to stronger warming rates*** (Bayar, A. S.; Yilmaz, M. T.; Yücel, I.; Dirmeyer, P.)

The **OSPP Award of the EGU GA 2023** is awarded to **Anika Donner** ...



... for her presentation on ***Warmer and wetter past interglacials in northeast Greenland recorded in speleothems*** (Donner, A.; Moseley, G. E.; Vessies, J.; Kofler, W.; Marquer, L.; Friedrich, L.; Spötl, C.; Edwards, R. L.)

The OSPP Award of the EGU GA 2023 is awarded to Anton Lokshin ...



... for his presentation on ***Desert dust as a plant fertilizer in an ambient and elevated CO₂***
(Lokshin, A.; Palchan, D.; Gross, A.)

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CL Division

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 Hall X2

Early-Career Scientist Events at EGU24

- **149 Scientific Sessions**

- **Apr 15 (28)**
- **Apr 16 (35)**
- **Apr 17 (30)**
- **Apr 18 (33)**
- **Apr 19 (23)**

- **1 Short Course led by ECS**

- **How to get involved with EGU?** Convenor: David Fernández-Blanco; Co-conveners: Daniel Evans, Nazimul Islam, Sigrid van Grinsven, Christina Anna Orieschnig

- **Outreach**

- Introducing ECS Reps via EGU Blog (after GA)
- Blogs and Social Media blurbs about ECS-events

Climate Division: Outreach & CL-Blog

- We are on twitter (@EGU_Climate): >2300 followers, >2800 tweets
- 2-3 campfires per year (individually and jointly with other divisions)
- Blog posts (1 per month) individually and with other divisions and working groups
- Increasing number of readers (~1400/month)
- Series: Life of a Climate Scientist



← **EGU Climate Division**
2,887 posts



Edit profile

EGU Climate Division
@EGU_Climate

#Climate: Past, Present & Future Division of the European Geosciences Union (#EGU) | #EGU24 : 14-19 April 2024 - Vienna, Austria & Online

📍 🌐 egu.eu/cl/ 📅 Joined March 2014

781 Following 2,358 Followers

CL-ECS activities

7 Blogs

Misinterpretation of glacial aridity in subtropical environments in the Southern Hemisphere

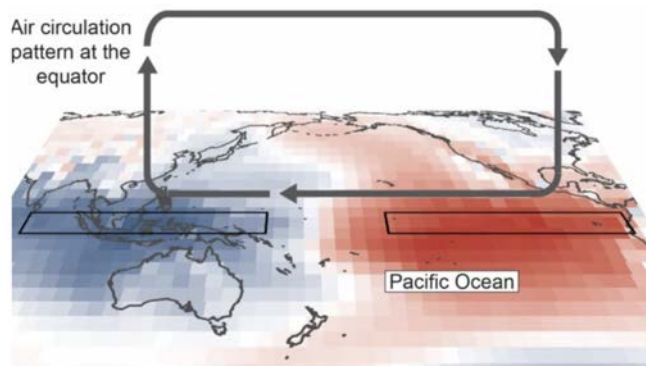
Dr Rieneke Weij and Dr Kale Sniderman · March 11, 2024 · Climate of the Past · No Comments



Figure 2. A chamber in one of the Naracoorte caves beautifully decorated with speleothem formations. Source: Rieneke Weij.

The Walker Circulation: what is it and why does it matter

Dr Georgy Falster · December 18, 2023 · Climate of the Past, Climate of the Present · No Comments



Why would anyone care about an 'Anthropocene'?

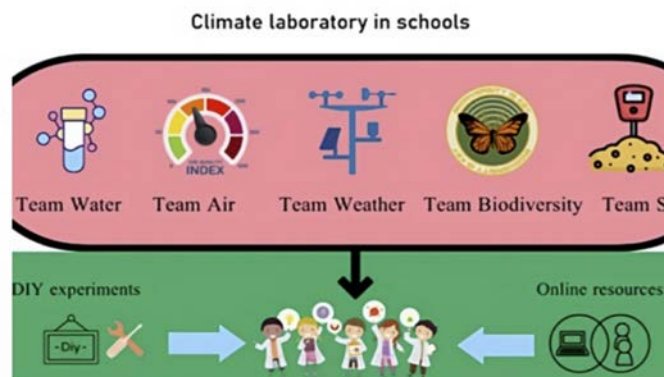
Diana Hatzenbuehler · November 15, 2023 · Climate of the Past, Climate of the Present · 1 Comment



Welcome to the Anthropocene By: Robyn Woolston

Put a Climate lab in school and make it better!

Roy Arindam · July 6, 2023 · Climate of the Future, Climate of the Present · No Comments



Past climate of the Central North Atlantic, insights from ancient soils in the Azores volcanic islands

Francisco A. Hevia-Cruz · September 19, 2023 · Climate of the Past · No Comments



Highlight: Field photo of a paleosol (red level) developed in a pumice-rich pyroclastic deposit, partially eroded, and covered by a lava flow (Northern shore of São Miguel Island, in the Azores Archipelago)

Spotlighting the Climate Division's sessions for EGU24

Shaleny Bedoya-Valestt · January 31, 2024 · Academic career, Climate of the Future, Climate of the Past, Climate of the Present, EGU · No Comments

**CL-ECS
activities**

1 Campfire



EGU Climate (CL) Division presents
next campfire event

CL Climate: Past, Present & Future



If you can't measure it, then reconstruct
or model it to better understand past,
present and future climates

DEC 06th 2023 at 14:00-15:00 CEST Online



Stephanie Fiedler
GEOMAR
Kiel, Germany



Leonard Borchert
University of Hamburg
Hamburg, Germany



Mukund Rao
CREAF
Barcelona, Spain





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 r.n.santos@unibas.ch or via Twitter [@EGU_Climate](https://twitter.com/EGU_Climate)

CL Climate: Past, Present & Future



Contact



Shalenys Bedoya-Valestt
ECS Rep



Nazimul Islam
ECS Deputy Rep

Email: cl-ecs@egu.eu



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



We are Looking you!

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

Please do not hesitate to contact us at ecs-cl@egu.eu or via Twitter [@EGU_Climate](https://twitter.com/EGU_Climate)

CL Climate: Past, Present & Future

Join our Team!



CL Division

EGU Journals with particular links to the division



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Open Access Publications



- Open Access Journals
- Interactive Public Peer Review

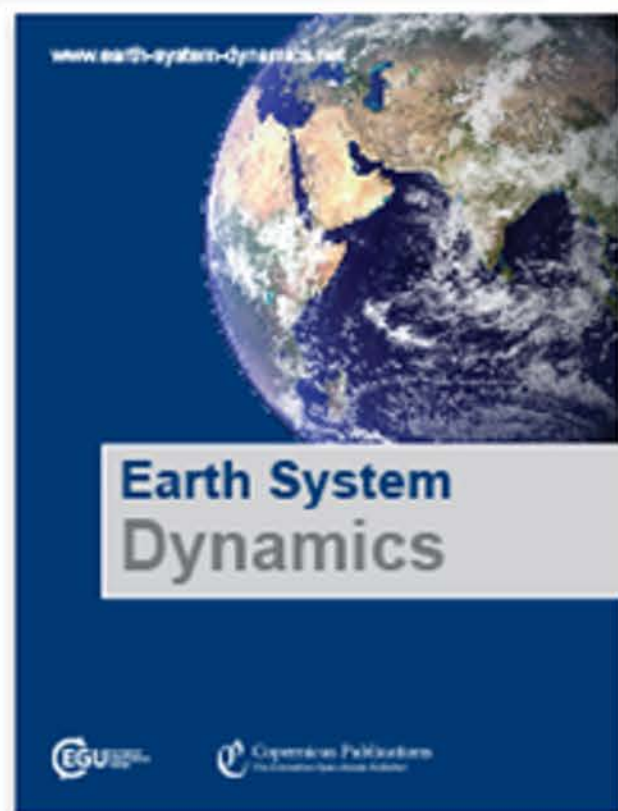


www.egu.eu/publications

EGU journals relevant to the CL Division

(amongst others)

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



Earth System Dynamics (ESD)

- Focus on an interdisciplinary perspective on the functioning of the Earth system and global change.
- Open to work looking at human-natural interactions.
- Open to modelling, theoretical, observational, statistical, ... analyses



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



Climate of the Past

An interactive open-access journal of the European Geosciences Union



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

Articles by subject

Subject/Group

Articles

Subject/Group

Articles

Archive

Modelling only	35
Marine Archives	28
Terrestrial Archives	25
Ice Cores	18
Historical Records	16

Subject

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Proxy Use-Development-Validation	27
Atmospheric Dynamics	13
Ice Dynamics	10
Continental Surface Processes	9
Feedback and Forcing	8
Carbon Cycle	7
Ocean Dynamics	5
Vegetation Dynamics	4
Greenhouse Gases	2
Teleconnections	2

Timescale

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Cenozoic	18
Millennial/D-O	16
Centennial-Decadal	13
Instrumental Period	9
Milankovitch	8
Pre-Cenozoic	4
Decadal-Seasonal	3

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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Highlights:

Certificates for maior contributions

Reviewer award	# of certificates	Name	Contact	Reviewed papers
Gold Certificate (>20 papers reviewed)	5	Zorita, Eduardo	Helmholtz-Zentrum Geesthacht, eduardo.zorita@hereon.de	39
		Crucifix, Michel	Universite catholique de Louvain, michel.crucifix@uclouvain.be	24
		Buizert, Christo	Oregon State University, christo.buizert@oregonstate.edu	22
		Wolff, Eric	University of Cambridge, ew428@cam.ac.uk	21
		Köhler, Peter	Alfred-Wegener-Institut Helmholtz Zentrum für Polar- und Meeresforschung, peter	21
Silver Certificate (15-20 papers reviewed)	6	Menviel, Laurie	The University of New South Wales, l.menviel@unsw.edu.au	20
		Paillard, Didier	CEA-CNRS-UVSQ-IPSL, didier.paillard@lsce.ipsl.fr	20
		Raible, Christoph C.	University of Bern, raible@climate.unibe.ch	18
		Yin, Qiuzhen	Université catholique de Louvain, qiuzhen.yin@uclouvain.be	18
		Ganopolski, Andrey	PIK, andrey@pik-potsdam.de	16
		Bakker, Pepijn	Vrije Universiteit Amsterdam, p.bakker@vu.nl	15
Bronze Certificate (>10 papers reviewed)	14	Svensson, Anders	University of Copenhagen, tcq181@ku.dk	14
		Fudge, T.J.	University of Washington, tjfudge@uw.edu	14
		Schmittner, Andreas	Oregon State University, andreas.schmittner@oregonstate.edu	13
		Brierley, Chris	University College London, c.brierley@ucl.ac.uk	13
		Zhang, Z.S.	China University of Geoscience (Wuhan), zhzh@norceresearch.no	12
		Hopcroft, Peter	University of Birmingham, p.hopcroft@bham.ac.uk	12
		Prange, Matthias	MARUM, University of Bremen, mprange@marum.de	12
		Charpentier Ljungqvist	Stockholm University, fredrik.c.l@historia.su.se	12
		Parrenin, Frédéric	CNRS/IGE, frederic.parrenin@univ-grenoble-alpes.fr	12
		Smerdon, Jason	Columbia Unviersity, jsmerdon@ldeo.columbia.edu	12
		Goosse, Hugues	Université Catholique de Louvain, hugues.goosse@uclouvain.be	12
		Steiger, Nathan	Hebrew Univeristy, nathanjohnsteiger@gmail.com	11
		Sanchez Gofii, Maria Fe	EPHE, PSL University, maria.sanchez-goni@u-bordeaux.fr	11
		Fletcher, William	University of Manchester, will.fletcher@manchester.ac.uk	11

Celebration of the 20-yr jubilee of CP in 2025

- Special publications
- Dedicated session at EGU 2025
- Reception
- Webinars
- More TBA



Mark Your Calendar!

EGU General Assembly 2025
27 April – 2 May 2025
Vienna, Austria & Online

egu24.eu/feedback

CL Division

Questions, comments or
any other business?

Head on over to the EGU Booth!

- **Meet the CL Team 😊**
Thur, 18. Apr, 12:30-13:30 CET

Any time at the 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!



CL Division

Enjoy the General Assembly 2024
&
see you in 2025!



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