

Division meeting Cryospheric Sciences

EGU GA | 29 April 2025



Meetings | Publications | Outreach | www.egu.eu

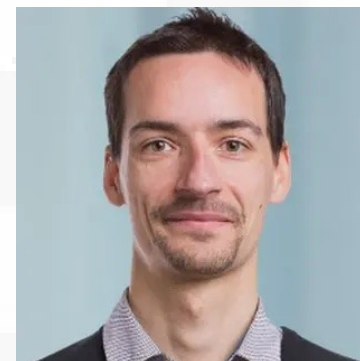
Agenda

- Intro [5 min]
- CR Division: Who are we? [5 min]
- General Assembly meeting's statistics [3 min]
- Division Structure and appointment of Officers [12 min]
- CR policy activities [5 min]
- Early Career Scientists & Outreach [5 min]
- Publications: The Cryosphere [5 min]
- Medals and Awards [5 min]
- Funding opportunities [5 min]
- AOB, incl. general discussion and feedback [10 min]

Time for a handover

Until yesterday

- **CR president:** Carleen Tijm-Reijmer (since 2021)
- **CR deputy president:** Daniel Farinotti (since 2024)



From yesterday onwards

- **CR president:** Daniel Farinotti
- **CR deputy president:** Carleen Tijm-Reijmer (until 2026)

Reach us at: cr@egu.eu

THANK YOU !!!

Warmheartedly!



Permafrost

Snow

Sea ice, lake ice,
and river-ice



The CR Division: who are we?

How often have you been at EGU's General Assembly?





What is the sub-discipline closest to you?

Ice sheets and
ice shelves

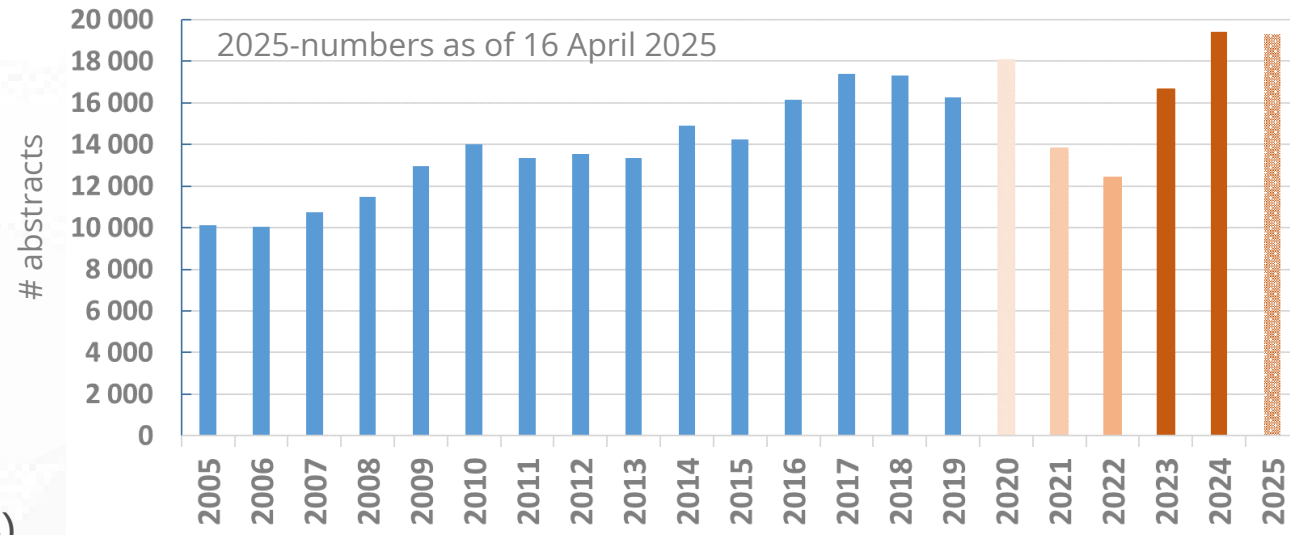
Glaciers and
ice caps

Any other form
of frozen water

A few community-building events you don't want to miss at GA2025

- This **Division Meeting** → If you are here, kudos, **you are doing great** 
- Tonight's Medal and oECS lectures → See later slides, but **show up tonight in Room F1 at 19:00 and bring all your friends!** 
- ECS CR Night Out → **Wednesday 30.04.2025, 19:30-22:30 at Brandauers Schlossbräu** 
- Friday night's **Conveners' Reception** → If you are a convener, **be there!** **Or**, if you are not: (i) make friends with a convener as soon as you can (and let you invite ;-)) and (ii) **convene a session next year!** 

GA statistics



- **19,285 abstracts** = ~ similar to 2024
- **~19,500 registrations** (9.5% virtual, ~37% ECS)
- **1103 active sessions** | 730 oral/poster/pico sessions | 61 Short Courses | 38 Medal and Award Lectures
- Networking & Science for Policy Events, Education and Outreach sessions, Townhall & splinter Meetings, Union Symposia, Great Debates, Artist in Residence workshop → **Surely more than you'll ever be able to attend!**
- **Still to come**
 - Full **CR scientific program**
 - **CR Medal and Award session** this evening
 - Some excellent **Union Symposia** and **Great Debates**
 - Super-interesting **Short Courses**, as well as **Outreach and Communication sessions**
 - A gazillion **Receptions and Networking Events** (try the program-group "NET" ;-)

CR statistics

- 2025 (hybrid): 1098 abstracts ↓
CR org: 643 abstracts in 25 sessions → ~0%
35 blocks: **18 abstracts/block**
- 2024 (hybrid): 1208 abstracts ↑
CR org: 645 abstracts in 23 sessions → +30%
35 blocks: **19 abstracts/block**
- 2023 (hybrid): 929 abstracts →
CR org: 447 abstracts in 18 sessions → -4%
30 blocks: **15 abstracts/block**
- 2022 (hybrid): 925 abstracts ↓
CR org: 466 abstracts in 20 sessions → -12%
41 blocks: **11-15 abstracts/block**

Abstracts in (lead) sessions per Programme Group (PG)

A red arrow pointing upwards from the text 'That's us' towards the 2023 data point in the list.

That's us 😊

Division Structure (1 of 3): Liaison Officers

in **red**: outgoing
in **purple**: incoming
in **orange**: speculative

VOTE: Do you agree to appoint the proposed Liaison Officers?

OPTIONS: Yes / No / Abstain

RESULT: ~100 Yes / 0 No / 1 Abstain

Up to now

From now on

Liaison Officers

President/PG Chair:	Daniel Farinotti	2025 -
Deputy President:	Carleen Tijm-Reijmer	2021 - 2025
Publications:	Chris Derksen (TC coord. CEIC)	2023 -
Medal Committee:	Martyn Tranter (Chair)	2022 - 2025
	Regine Hock	2023 -
	Etienne Berthier	2024 -
	Gwen Flowers	2025 -
	Ruzica Dadic	2025 -
OSPP Award Coord:	Isabel Nias	2020 - 2025
	Stephen Brough	2020 - 2025
Policy:	Marie Cavitte	2024 -
ECS Rep.:	Ann-Sofie Zinck	2023 -
	Lu Zhou	2023 - 2025
Outreach:	Larissa van der Laan	2023 -

Daniel Farinotti	2025 - 2029
Carleen Tijm-Reijmer	2025 - 2026
Chris Derksen (TC coord. CEIC)	2023 - 2027
Regine Hock (Chair)	2023 - 2027
Etienne Berthier	2024 - 2028
Gwen Flowers	2025 - 2029
Ruzica Dadic	2025 - 2029
Shin Sugiyama	2026 - 2030
Emma Pearce	2025 - 2029
[VACANT]	2026 - 2029
Marie Cavitte	2024 - 2028
Aakriti Srivastava	2026 - 2029
Ann-Sofie Zinck	2023 - 2027
Larissa van der Laan	2023 - 2027



Next CR President elections: Autumn 2025

Division Structure (2 of 3): Science Officers

in red: outgoing
in purple: incoming

Up to now

Sea Ice:	Luisa von Albedyll	2023 -
Permafrost:	Victor Bense	2024 - 2025
Snow:	Cristina Pérez Guillén	2024 -
Glaciers:	Lindsey Nicholson	2020 - 2025
Ice Sheets:	Violaine Coulon	2024 -
Ice Caps:	Kirsty Langley	2020 - 2025
Ice Shelves:	Maaïke Izeboud	2022 -

From now on?	Glaciers and Ice Caps:	Maaïke I.	CR
	Ice Sheets and Shelves:	Violaine C.	1+2
	Sea, Lake, and River Ice:	Luisa v.A.	2+1
	Permafrost:	[VACANT]	3+6
	Snow:	Cristina P.G.	4+5
	Instruments & Methods:	[NEW]	5+4
	ITS & SCOC:	[Vice-President]	6+3
			7+8

CR – Cryospheric Sciences

Programme Group Chair: Carleen Tilm-Reijmer

- CR1 – The State of the Cryosphere: Past, Present, Future
- CR2 – Ice sheets, ice shelves and glaciers
- CR3 – Sea, Lake and River Ice
- CR4 – Frozen ground, debris-covered glaciers and geomorphology
- CR5 – Snow and ice: properties, processes, hazards
- CR6 – Instrumental and paleo-archive observations, analyses and data methodologies
- CR7 – The Cryosphere in the Earth system: interdisciplinary topics
- CR8 – Short courses, Outreach, Communication

Proposal:

Rearrange and rename the positions
as to facilitate better program management

Discussion

VOTE: Do you accept the proposed modifications?

OPTIONS: Yes / No / Abstain

RESULT: ~100 Yes / 0 No / 0 Abstain

Division Structure (3 of 3): Appointing new Officers

- Procedure **so far**: *“Hey! Do you want to become an Officer?”*
- Intended **new procedure**:
 1. Make a **call** (cryolist, CR mailing list, social media, cryo-blog), **pointing at** yet-to-be-drafted **ToRs**
 2. Require interested persons to **hand in** a short **CV +** filled-in **questionnaire** (open questions)
 3. Screen applications with CR Officers and **select**
 4. Reverse to the old way if this does not work ;-)
- Intention: post **call by Summer 2025**

If you are **interested** and want to have some insights on what the ToRs will look like, **come and speak to us** 😊 E.g. at

Meet the Cryospheric Sciences division team ▶

Location: EGU booth – Hall X2

★ Wed, 30 Apr, 14:00–15:00 CEST

← Sort of event in the program-group “NET” ;-)

CR Policy Activities

New Post: Division Policy Officer: Marie Cavitte (2024 - ...)



- Valorization manager for Wim Thiery & bclimate group at VUB, Belgium
- Research: AntArchitecture, SMB in EAIS
- Valorization: communication around impacts of climate extremes to media, policymakers
- Policy: Member of the new EGU Climate Hazard and Risk Task Force (2025-2028)



What we could do within our CR division:

- Organize CR Science for Policy **Webinars/Campfires**
- Organize **ad-hoc working groups** to tackle CR-related **policy consultations** (e.g. sea level rise, science diplomacy crisis, geoengineering, etc)
- **Share opportunities/advise** for those who want to engage in EU policymaking processes
- Liaise with **EGU Policy Working Group / Task Force**
- Organize splinter meeting at each **EGU GA** to meet division members interested in science for policy

What I've been up to:

- Organize splinter meeting at each **EGU GA** to meet division members interested in science for policy

SPM102

[Meet your EGU Division Policy Officer & EGU Points of Policy Contact ▶](#)

Convener: [Chloe Hill](#)

★ Thu, 01 May, 14:00–15:45 (CEST) ■ Room 2.97

Cross-cutting themes

- ☐ Art-Science
- ☐ GeoCinema
- ☒ Policy
- ☐ EDI

- Share policy-relevant science papers with EU policymakers
- Keep an eye on EC calls for evidence

Connect with others working on the science-policy interface!

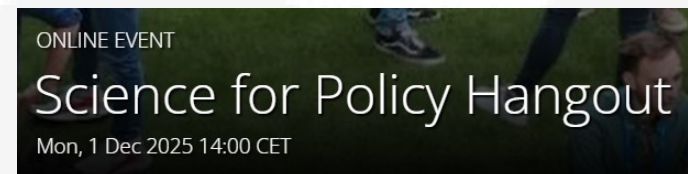
Division Policy Officers / Points of Policy Contacts:

- 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!



- Science for Policy Hangouts:
EGU-wide casual discussions for all led by Chloe Hill



Cryosphere Early Career Scientist

“... an undergraduate or postgraduate (Masters/PhD) student or a scientist who has received his or her highest degree (BSc, MSc, or PhD) within the past **seven years*** “

*where appropriate, the seven-year period can be extended to allow for periods when the scientist was not working in science because of, but not limited to, **caring and/or parental responsibilities, disability, personal illness, community obligations or national service**

- ECS = 60% of Cryosphere Division
- Divisional ECS Reps put together a strategy to guide union-wide ECS Rep
- Aim to actively shape the GA and wider EGU activity
- Represent issues and topics key to Earlier Career Scientists!

What have we done EGU24 – EGU25?

- Happy birthday to the 10 years old Cryoblog!
- The CR Blog is struggling but strong (20+ blog posts in the past year)
- EDI Webinar "**Addressing Vulnerabilities in the Fieldwork**" and Union Symposium 2025
- Move from X to @egu-cr.bsky.social



CR ECS: The Team



ECS Reps

Ann-Sofie Zinck
Lu Zhou



New ECS Reps

Aakriti Srivastava



Blog Chief Editors

Loeka Jongejans
Lina Madaj
Maria Scheel

Regular blog editors:

David Docquier
Emma Pearce
...but we have room for
many more!

... and all our amazing blog
authors over the past year!



Outreach Officer

Larissa van
der Laan

Social Media Team

You?
(incoming)



We are always looking for new people!
Contact ecs-cr@egu.eu if interested or come talk to
anyone of us with a pink pipe cleaner!

[Following us!](#)

ECS Activities at EGU GA 2025

Social events:

Meet the ECS CR Team: Thursday 1 May (14:00-15:00) @ EGU booth – Hall X2

Division-wide network pop-up event: Wed 30 April (19:30-22:30) @ Brandauers Schlossbräu

Other events co-organized by CR ECS Team members:

BG3.19: Active in the cold: Arctic black boxes of winter processes and soil biotic interactions

US7 EDI: Fieldwork – the best or the worst part of the year?

Bluesky (88): [@egu-cr.bsky.social](#) | Facebook(500+): [@EGU Cryosphere Division](#) | LinkedIn: [@EGU Cryospheric Sciences Division](#)

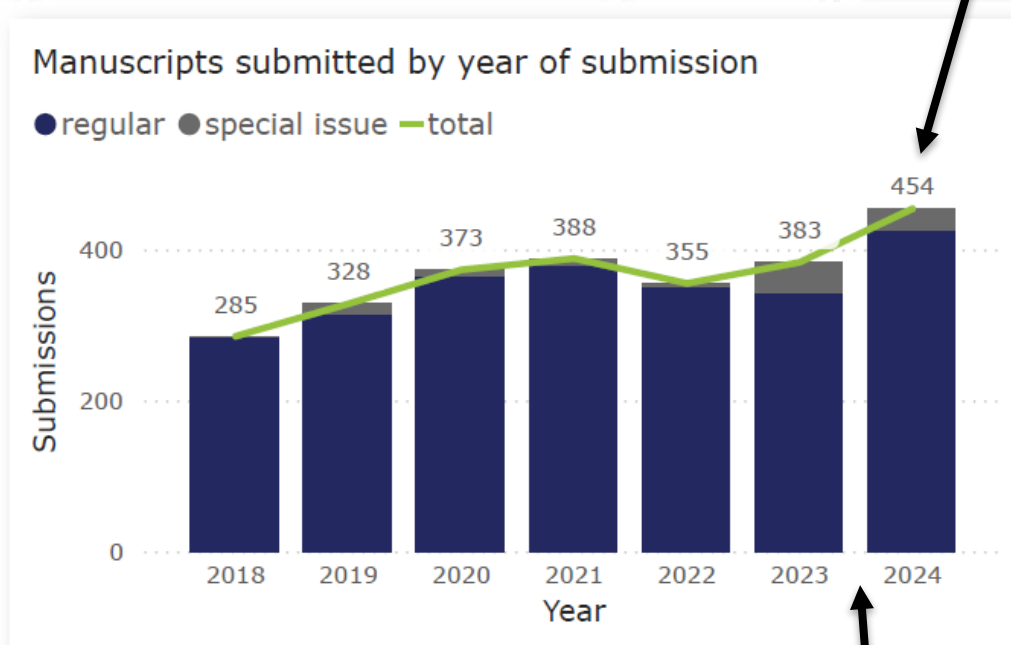
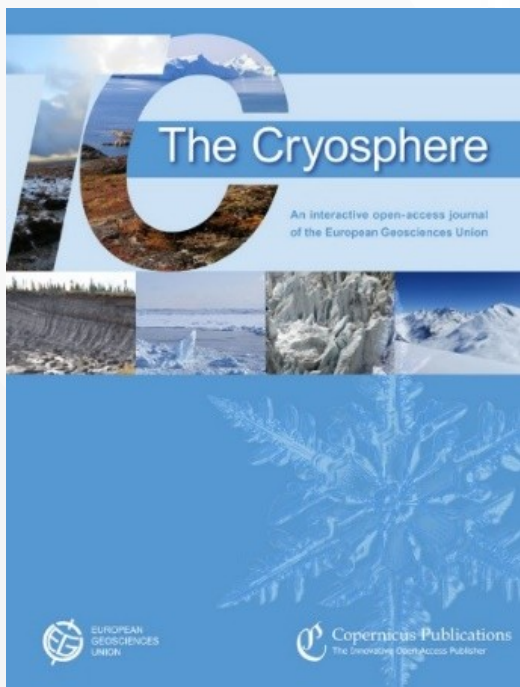
Scientific Programme:

96% of CR sessions include EDI logo (last year: 86%)

18/47 sessions convened by ECS, 43/47 sessions co-convened by ECS

The Cryosphere

rejection ~20%



Co-Editors-In-Chief

Christian Haas

sea ice

Christian Hauck

permafrost

Thomas Mölg

glaciers

Chris Derksen

snow, freshwater ice

Nanna Bjørnholt Karlsson

ice sheets

Yes, the IF is rel. high ...

+19%

The Cryosphere

Some more statistics (2024)

- Submission to publication: 280 days (open discussion 30 d after submission!)
- Editors spend on average 1.4 hours securing reviewers for manuscripts

What we want you to know

- Working on diversifying the editorial board (~80 editors)
- Institutional agreements (expanding)
- Please answer to review requests
- TC is a strong financial pillar of EGU (!)

BIG THANK YOU

Reviewer Awards 2024: Johannes Fürst, Kasia Warburton, Aleah Sommers, Amy Jenson, and Mauro Werder

EGU Medals and Awards



How do you get a Medal or an Award?

- **Nominations** can be handed in **by any EGU member** (but no self-nominations)
- Candidates do not need to be EGU members
- Nominations are screened and **awardees** are **selected** by **dedicated Award and Medal Committees**

Division Medals and Awards

- **Julia & Johannes Weertman Medal** (for “mid-career” CR researchers)
- **Outstanding Early Career Scientist Award** → **Arne Richter Award for oECS**
- **Outstanding Student and PhD candidate Presentation (OSPP) Award**

Please help judging the 2025 OSPPs!

- All OSPPs are marked in the program and all of us can vote!

Deadline for proposing candidates for 2026-Awards: **15 June 2025**

Detailed guidelines: www.egu.eu/awards-medals/ →



2025 Medal and Award

Lectures:
Tonight (29.04.2025)
19:00-20:00, Room F1
Be there & bring your friends!



Shin Sugiyama

Julia and Johannes Weertman Medal

The 2025 Medal is awarded to Shin Sugiyama for outstanding work in the field of glacier dynamics and ice-water interactions, including seminal contributions to our understanding of lake-calving glaciers and ice-dammed lake outbursts.



Brice Noël

Arne Richter Award for Outstanding ECS

The 2025 Award is conferred to Brice Noël for outstanding research in the field of surface mass budgets of ice caps and ice sheets, based on regional climate modelling.

2024 Awards for Outstanding Student and PhD candidate Presentations



Nora Krebs



PICO!

Testing four Sentinel (1 and 2) and MODIS fractional snow-cover products for the evaluation of five Alpine cosmic ray neutron sensing sites



Laura Gabriel



PICO!

Exploring englacial hydrology with surface nuclear magnetic resonance

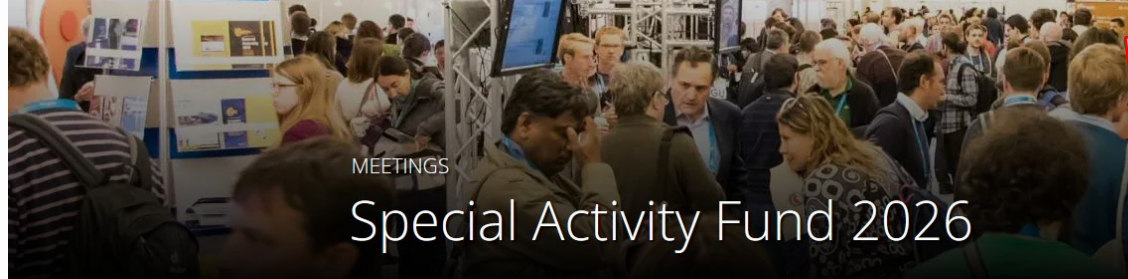


Katrina Lutz



Poster!

Evaluation of supraglacial lake depth estimation techniques using Sentinel-2, ICESat-2, TanDEM-X, and in situ data, along with an analysis of rapid drainage events over Northeast Greenland



Special Activity Fund 2026

A few overnight CR-ideas:

- UN Year of Glacier's Preservation?
- UN Decade of Action for CR Sciences?
- Kick off the next research infrastructure?
- CR Officers Retreat?
- Science-Art Projects, incl. movies?

EGU Special Activity Fund 2026 – call for proposals

Goal: Promote high-profile, 'out-of-the-box', not-profit activities contributing to EGU's goals and mission, i.e. advancing studies and research in the Earth, planetary and space sciences (<https://www.egu.eu/about/statutes/>)

Key points: 20-25kEUR per project ; funds up to a dozen projects available ; projects to happen in 2026

No activities covered by other funds (e.g. training courses or conferences)

Application process:

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

For details and to **submit a concept note** (DL13.06.2025):

 <https://www.egu.eu/meetings/special-activity-fund/>

Funds for running training schools or conferences

The EGU Topical Events Committee provides **financial support for training schools and conference organisers**.

Idea: facilitate participation of ECS and support quality of the scientific programme.



Group picture of the 2024 Karthaus Summer School © Carleen Tijm-Reijmer



For details and to
submit an application (DL16.05.2025)

<https://www.egu.eu/news/1250/apply-for-funds-to-run-a-training-school-or-conference-series-in-2026/>

Any Other Business?

Feedback, general comments, questions, ...

Before you go:

- **EGU GA2026: 03-08 May 2026, same place** (ACV, hybrid, as this year)
- Please **help rating** the **OSPPs**
- Remember to **propose Medal and Awards candidates by 15 June 2025**
- Remember the Division Presidents **elections in autumn 2025**
- Please **provide feedback to EGU** as a whole! <https://www.egu25.eu/feedback>



THANK YOU and...

**... see you tonight, 19:00, Room F1,
at the latest!**

