

# Division meeting Cryospheric Sciences

Carleen Tijm-Reijmer,  
Nanna Karlsson, Jenny Turton, Stephen Brough

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EGU GA | 27 April 2023



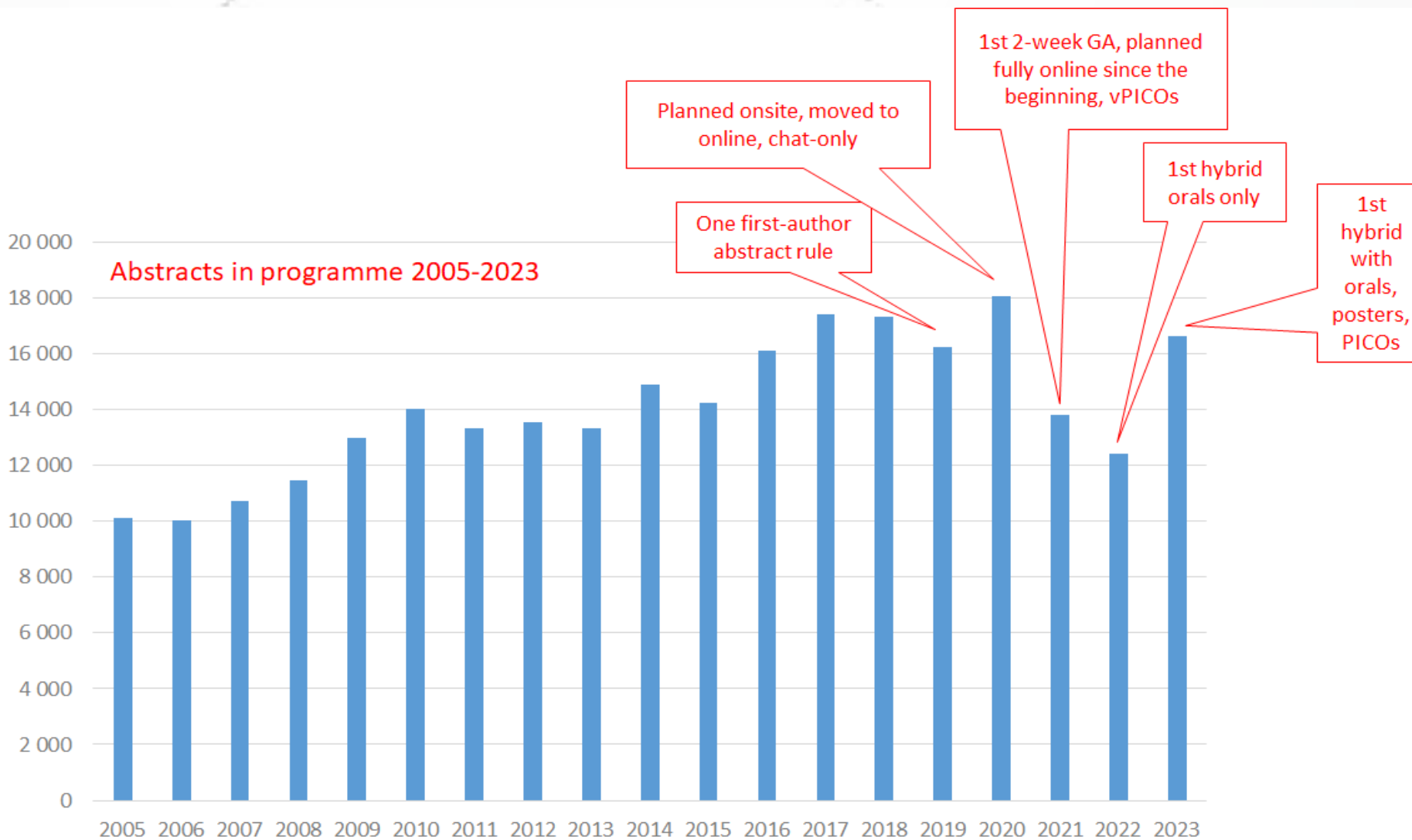
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Meetings | Publications | Outreach | [www.egu.eu](http://www.egu.eu)

## Agenda

- General Assembly meeting's statistics
- CR programme – current implementation
- Division Structure (president, officers) and elections 2023
- Early Career Scientists & Outreach
- Medals and Awards
- Publication: The Cryosphere
- AOB, general discussion and feedback

# Abstracts in the programme



## GA statistics

- 16,604 abstracts in programme I + 30% relative to 2022
- 925 active sessions | 629 oral/poster/pico sessions | 51 Short Courses | 39 Medal and Award Lectures
- 133 Networking and Community Events (excluding pop-ups), Townhall Meetings, Side Events, Splinter Meetings
- 17234 registrations (~15% virtual, ~40% ECS)
- Still to come: - Oral, poster, and Pico sessions CR
  - Union symposium on: *Challenges and solutions to increasing accessibility, representation, recognition and diversity of European countries in the European geosciences community*

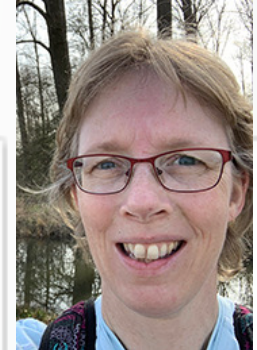
## CR statistics (CR org + CR co-org)

- 2023 (hybrid): 929 abstracts -, 45 sessions |  
**CR org: 447 abstracts in 18 sessions** → -4%  
30 blocks: **15 Abstracts/block**
- 2022 (hybrid): 925 abstracts ↓, 44 sessions  
**CR org: 466 abstracts in 20 sessions** → -12%  
41 blocks: **11-15 Abstracts/block**
- *2021, 2020*
- 2019 (on site): 1206 abstracts ↑, 22 oral blocks | 6 PICOs  
**CR org: 412 abstracts in 18 sessions** → -17%  
20 oral blocks: **21 Abstracts/oral block**

## Division Structure

### Division president 2023

- **CR president:**  
Carleen Tijm-Reijmer
- **CR deputy president:**  
Nanna Bjørnholt Karlsson



**Next elections CR president in autumn 2023!**

(cr@egu.eu)

Approved by DBM

## Division Structure

outgoing

President/PC Chair:	Carleen Tijm-Reijmer	(2021-)
Deputy President:	Nanna Karlsson	(2021-)
Medal Committee:	Martyn Tranter (Chair)	(2022 -)
	<b>Andreas Kääb</b>	<b>(2020 - 2023)</b>
	Julienne Stroeve	(2021 -)
	Marie Dumont	(2021 -)
	Regine Hock	(2023 -)
OSPP Award Coord.:	Emma Smith (Isabel Nias)	(2020 -)
	Stephen Brough	(2020 -)
ECS Rep.:	<b>T.J. Young</b>	<b>(2021- 2023)</b>
Outreach:	Larissa van der Laan	(2023 -)
Publications:	Christian Hauck	(2020 -) (TC coordinating co-editor in chief)

# Division Structure

incoming

President/PC Chair:	Carleen Tijm-Reijmer	(2021-)
Deputy President:	Nanna Karlsson	(2021-)
Medal Committee:	Martyn Tranter (Chair)	(2022 -)
	Julienne Stroeve	(2021 -)
	Marie Dumont	(2021 -)
	Regine Hock	(2023 -)
	Etienne Berthier	(2024 -)
OSPP Award Coord.:	Emma Smith (Isabel Nias)	(2020 -)
	Stephen Brough	(2020 -)
ECS Rep.:	Ann-Sofie Zinck / Lu Zhou	(2023 -)
Outreach:	Larissa van der Laan	(2023 -)
Publications:	Chris Derksen	(2023 -) (TC coordinating co-editor in chief)

To be Approved by DBM  
-> approved



# Division Structure

outgoing

## Science Officers:

Sea Ice:

**Stefanie Arndt**

(2019-2023)

Permafrost:

**Ylva Sjöberg**

(2019-2023)

Snow:

Nora Helbig

(2020- )

Glaciers:

Lindsey Nicholson

(2020- )

Ice Sheets:

Sainan Sun

(2020- )

Ice Caps:

Kirsty Langley

(2020- )

Ice Shelves:

Maaïke Izeboud

(2022- )

# Division Structure

incoming

## Science Officers:

Sea Ice:

Luisa von Albedyll

(2023- )

Permafrost:

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(202?- )

Snow:

Nora Helbig

(2020- )

Glaciers:

Lindsey Nicholson

(2020- )

Ice Sheets:

Sainan Sun

(2020- )

Ice Caps:

Kirsty Langley

(2020- )

Ice Shelves:

Maaïke Izeboud

(2022- )

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

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## Division Structure

### New Post:

Division Policy officer

(2024-

**provide support to the Divisions for their policy-relevant activities and engagement**

“play an active role in encouraging science for policy activities within their divisions, hosting e.g. Campfires, and contributing to policy-related activities hosted by the EGU Science for Policy Working Group”

“support the Division in connecting to relevant-policy issues, information, and opportunities (including through sessions at the General Assembly)”

To be Approved by DBM  
-> approved

# 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 EGU22 – EGU23?

- December 2022 EGU Polar Imaggero contributions (Ole Zeising, Maria Scheel, Junbin Zhao)
- December 2022 contribution to EGU GeoTalk (Francesco Avanzi)
- Increased CR Blog capacity, with the addition of a 3rd Chief Editor



# CR ECS: The Team



## ECS Rep

TJ Young (outgoing)  
Ann-Sofie Zinck (incoming)  
Lu Zhou (incoming)



## Blog Chief Editors

Giovanni Baccolo (outgoing)  
Marie Cavitte (outgoing)  
Loeka Jongejans (incoming)  
Lina Madaj (incoming)  
Maria Scheel (incoming)



## Social Media Team

Adrien Wehrle (outgoing)  
Jordi Bolibar (incoming)



## Outreach Officer

Larissa van der Laan

## Regular blog editors:

Jenny Arthur, Clara Burgard, David Docquier, Loeka Jongejans, Larissa van der Laan, Lina Madaj, Emma Pearce, Maria Scheel, Andrew Smedley, Jenny Turton, TJ Young, Sefan Zweibel

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

We are always looking for new people – contact [ecs-cr@egu.eu](mailto:ecs-cr@egu.eu) if interested!

# ECS Activities at EGU GA 2023

## Social events:

Division-wide network event: Wed 26 April (20:00-22:00 CEST) @ Brandauers Schlossbräu

Meet the ECS CR blog team: Tue 25 May (TBA time/place)

[egu23.eu](http://egu23.eu) → Programme → Browse by Session → Pop-up networking events, for details!

10 Short Courses and many more pop-up events:

Careers inside and outside of Academia

Field Work Safety – The Basics

Meet the EGU Journal Editors

Outreach: How to Get Your Science Out There?

Twitter account @EGU\_CR: Average monthly blog reads (May 2022 – April 2023):

3945 followers (+506)

4107 (peak in October 2022: 4672)

## Scientific Programme:

78% of CR sessions include EDI logo

21/46 sessions convened by ECS, 35/46 sessions co-convened by ECS

## EGU medals and awards

- Union medals: Alfred Wegener Medal (senior late-career scientists)
- Union awards: Arne Richter Award for Outstanding EC Scientists  
**EGU Champions for Equality Award**
- Union travel awards: EGU Roland Schlich travel awards
- Division medals and awards:
  - Julia & Johannes Weertman Medal (‘mid-term’ scientist)
  - Outstanding Young Scientist Award
  - Outstanding Student and Phd candidate Presentation Award (OSPP)

**Help judge the 2023 OSPP for this years award! All OSPP are marked in the program**

**Deadline** for proposing candidates for 2024 is **15 June 2023**.

Detailed guidelines [www.egu.eu/awards-medals](http://www.egu.eu/awards-medals)



## Medal & Awards



### Julia & Johannes Weertman Medal **Etienne Berthier**

(Lecture: Monday 24 April, 19.00-20.00)

The 2023 Julia and Johannes Weertman Medal is awarded to Etienne Berthier for outstanding scientific achievements in regional and global glacier mass change and remote sensing, and for immense service to the global cryospheric community.

## Medal & Awards



Arne Richter Award for Outstanding Early Career  
Scientists

**Harry Zekollari**

(Lecture: Monday 24 April, 19.00-20.00)

The 2023 Arne Richter Award for Outstanding Early Career Scientists is awarded to Harry Zekollari for outstanding research in the field of mass balance and glacier evolution modelling, and for his service to the cryosphere community.

## Medal & Awards

### 2022 Outstanding Student and PhD candidate Presentation (OSPP) Award



Bastien Ruols for the contribution entitled:  
*Drone-based GPR system for 4D glacier data acquisition*



Johanna Klahold for the contribution entitled:  
*Diffraction imaging of alpine glacier GPR data*

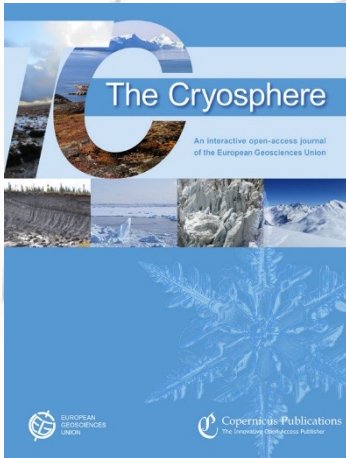


Michelle Maclennan for the contribution entitled:  
*Climatology and Surface Impacts of Atmospheric Rivers on West  
Antarctica*

# The Cryosphere

Most viewed/downloaded 2022 publication is “First evidence of microplastics in Antarctic snow” by Aves et al.

- Open access – IF<sub>2022</sub> 6.0



- Co-Editors-In-Chief:

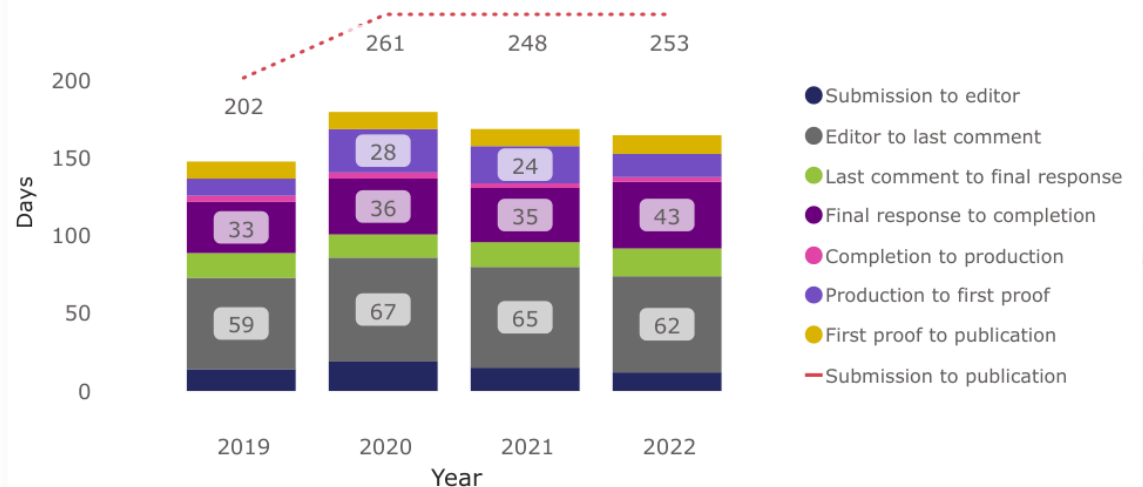
- Christian Haas – sea ice
- Christian Hauck – frozen ground, permafrost
- Thomas Mölg – glaciers
- Chris Derksen – snow, freshwater ice
- Nanna Bjørnholt Karlsson – ice sheets

- 2022: TCD: 354 submissions (-9% 2021)  
TC: 261 published (-13% 2021)

Average time from submission to publication: 253 days.

First review round: 62 days.

Processing times (days median) by year of journal publication

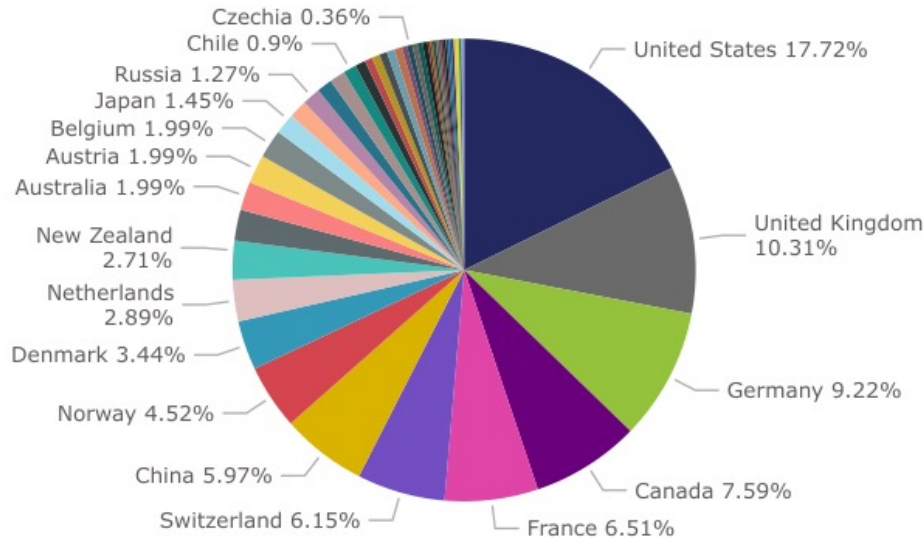


# The Cryosphere

Average time from submission to an editor is found: 16 days.

In recent years, we have been working towards getting the TC editorial board to better represent the population of the EGU CR division.

Share of publications (report year)



Author affiliations:

Editor affiliations (top 5):

United Kingdom 18%

Canada 12%

United States 11%

Germany 11%

Australia 6%

France 6%

Switzerland 6%

Largest discrepancy:

China 1%

Current gender balance: 30% female editors.

# AOB, General comments, discussion, questions

## Future of General Assembly

- Science and policy: Short courses, Union wide session and policy desk
- Mentor program
- Next year: 14-19 April 2024
- In a hybrid format, online + on site at ACV, Vienna, Austria
- EGU Sphere (<https://www.egusphere.net/>)
- Feedback survey: <https://www.egu23.eu/feedback>

