

CL Division Meeting

Irka Hajdas

Didier M. Roche

EGU Share Geosciences Online | April, 20th, 2021



A short address

Dear all,

During the last year, we have been pushed to completely change our perspectives on EGU General Assembly.



The programme committee of the EGU and at the forefront, the programme committee chair Peter van der Beek, have done an incredible job in preparation this second virtual EGU meeting. The great support of Copernicus Office is invaluable **MANY THANKS to ALL!**



During this week we will be able participate in Medal Lectures (CL division lectures are today), numerous networking events and debates. The second week of sessions is filled with exciting science and of course more networking.



A warm welcome to the participants for whom the this #vEGU21 is the first conference.

Check networking possibilities and join our networking events NET29 (GL division) and NET9 (ECS CL division)

Enjoy your virtual meeting!
Irka and Didier(R)



Agenda for the meeting:

- 1./ Structure and team for the division
- 2./ An overview of the programme the #vEGU21
- 3./ CL division medals
- 4./ ECS team
- 5./ Outreach
- 6./ Journals of interest
- 7./ EGU G.A. 2022
- 8./ AoB?



As always, we value your opinion and we look forward to reading your opinion. Do not hesitate to fill the survey <https://egu2020.eu/feedback> and to send an email to cl@egu.eu

CL division

Structure and team



CL Division Structure 2021

CL Division 2021:
3433 members
2142 ECS status
42.5% female
55% male
2.5% not disclosed





CL Division 2021 Program Committee Awards and Medals



Image: <https://itsfoss.com>

Programme Group Chair	Irka Hajdas	cl@egu.eu hajdas@phys.ethz.ch
Deputy-president	Didier Roche	didier.roche@lsce.ipsl.fr
Scientific officers	Julia Hargeaves	juleswork@mac.com
	Jan-Berend Stuut	jbstuut@nioz.nl
	Elisabeth Dietze	edietze@awi.de
	Martin Wild	martin.wild@env.ethz.ch
	Carole Nehme	carole.nehme@univ-rouen.fr
Awards & Medals	Gabriele Messori	gabriele.messori@misu.su.se
	Gabi Hegerl	Gabi.Hegerl@ed.ac.uk
	Marie France Loutre	marie-france.loutre@pages.unibe.ch
Arne Richter Award OECS	Gabriele Messori	gabriele.messori@misu.su.se



CL Division 2021 ECS and Outreach



Image: <https://itsfoss.com>

ESC rep; outreach	Janina Nett	janina.boesken@geo.rwth-aachen.de
Outreach	Bramha Dutt Vishwakarma	bd.vishwakarma@bristol.ac.uk
Outreach	Ichiko Sugiyama	ichiko.sugiyama@weizmann.ac.il
Outreach	Martin Wegmann	martin.wegmann@giub.unibe.ch
ESC co-rep	Nazimul Islam	nazimul.islam@unil.ch

CL Division

All meeting

PG abstract statistics

Active scheduled	Lead session CL	1,072
Support applications	None:	0 (0%)
Presentations	vPICO presentations:	1,072 (100%)
Author identification specifics	ECS:	676 (63%)

All abstract statuses		
Submitted	Total:	TOTAL 2,423
	Thereof rejected:	0
	Thereof withdrawn:	7
Scheduled	Total:	2,416
	Thereof withdrawn vPICO presentations:	14
Active scheduled	Total:	2,402

Meeting abstract statistics

Active scheduled		13,732
Support applications	None:	13,732 (100%)
Presentations	Presentations:	113 (1%)
	vPICO presentations:	13,619 (99%)
Author identification specifics	ECS:	16,708 (122%)

All abstract statuses		
Submitted	Total:	13,861
	Thereof rejected:	7
	Thereof withdrawn:	53
Scheduled	Total:	13,801
	Thereof withdrawn vPICO presentations:	69
Active scheduled	Total:	13,732

all presentation types are truly equal ... by having only one presentation type: **“vPICO”**

vEGU21: Gather Online | 19–30 April 2021

Peter van der Beek, PC Chair

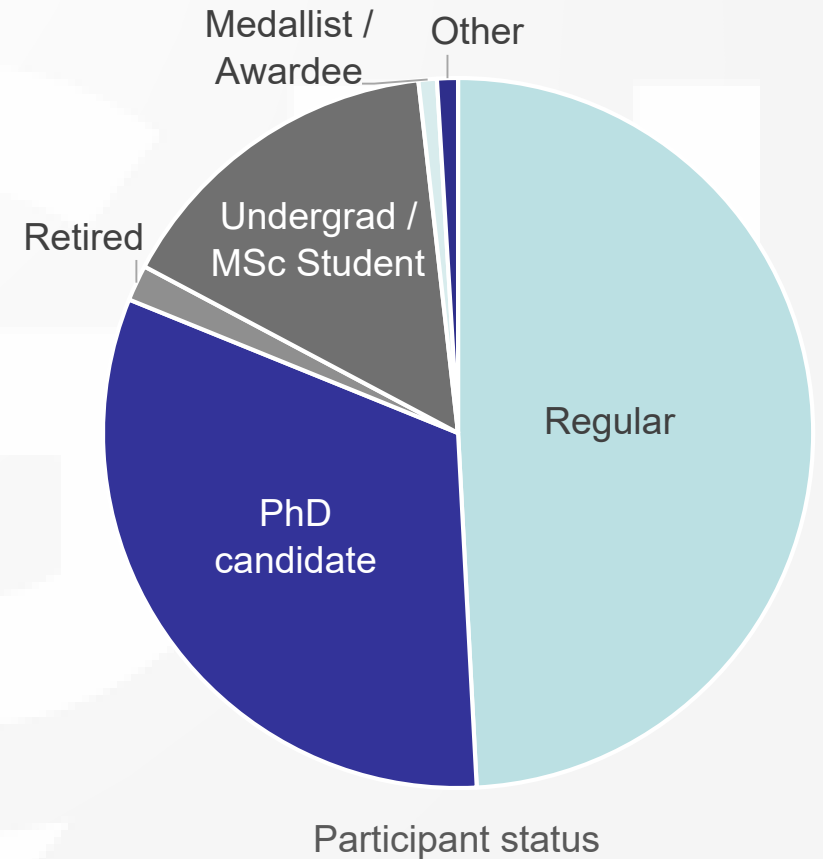
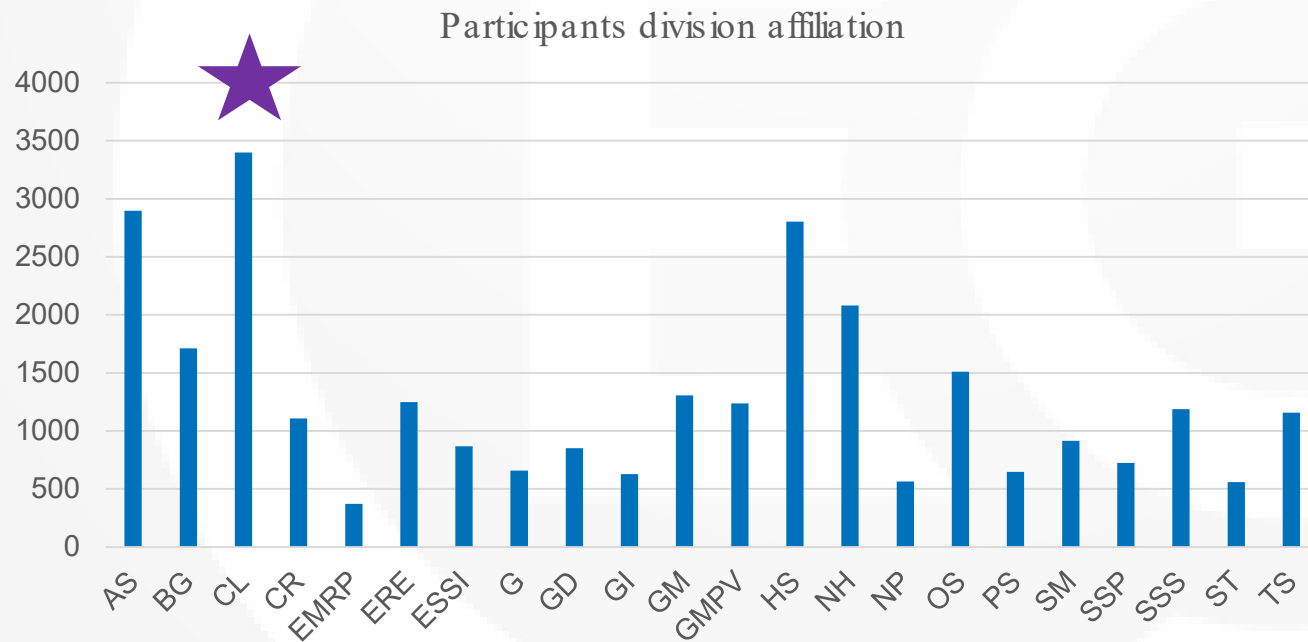
17 April 2021



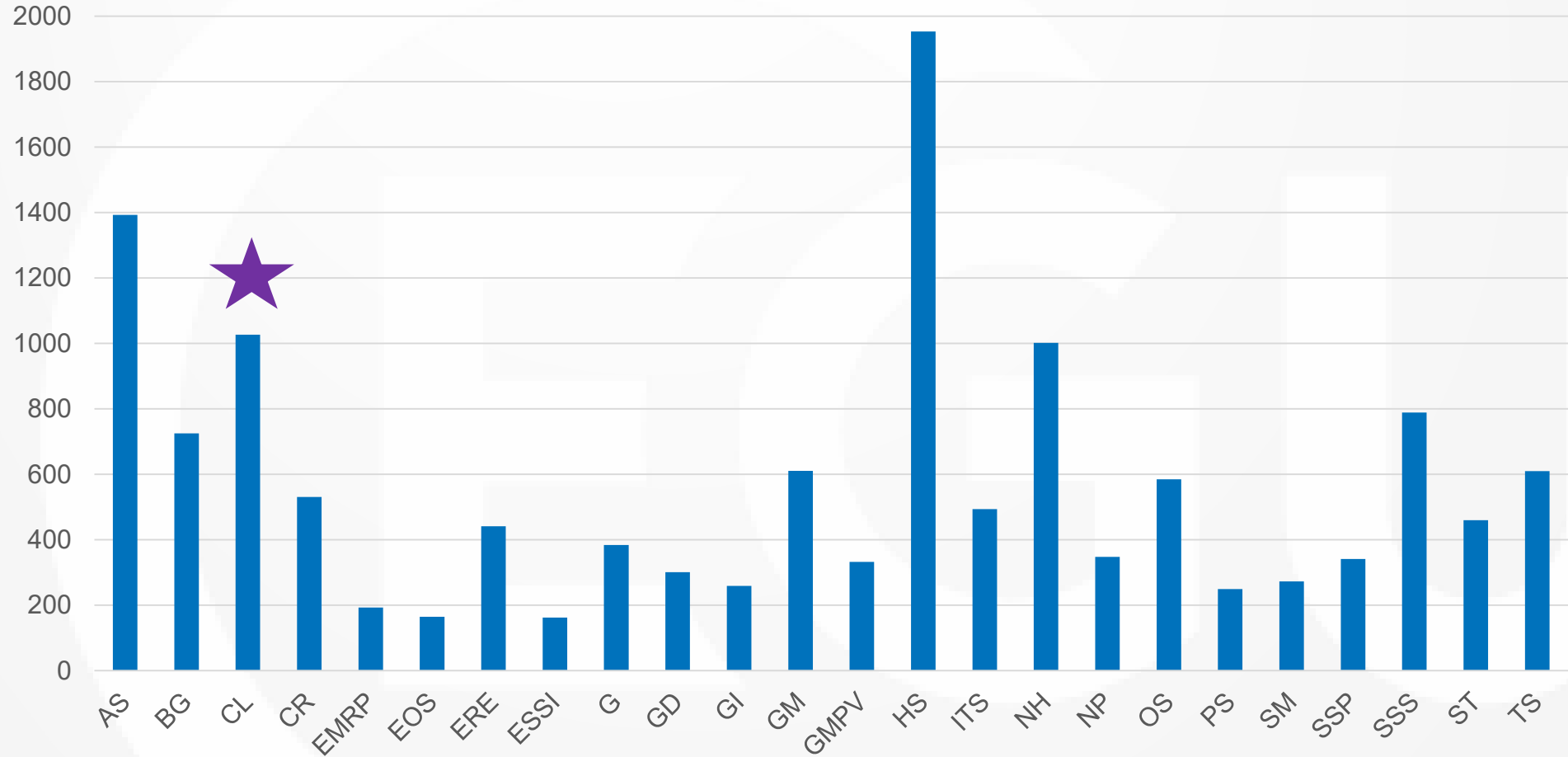
Meetings | Publications | Outreach | www.egu.eu

vEGU21: Registration numbers and breakdown

- 13,982 registrations (17 April 2021, 11:30)
- Participants from 126 countries

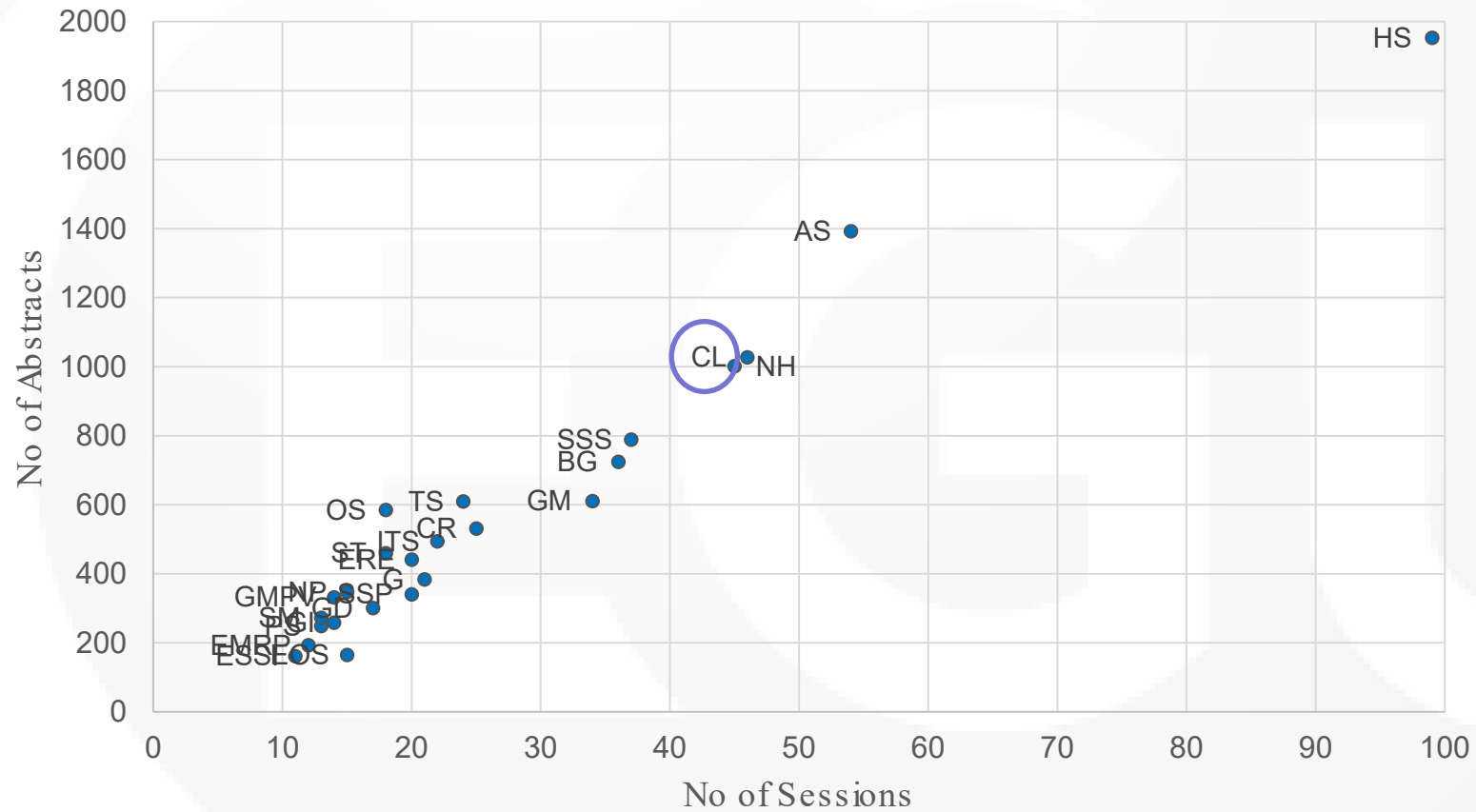


vEGU21: Abstracts per Programme Group



vEGU21: Abstracts / Sessions per Programme Group

All Programme Groups



Early -Career Scientist Events at vEGU21

- 56 Short courses
 - 34 Short courses ECS as head-convener
- 21 Networking event led by and aimed at ECS
- 3 Great Debates led by ECS
- Jobs and Career Center initiatives
 - Meet the exhibitors
 - Meet the Talents
 - Blog on CV writing
 - Online CV-sticker
- Outreach
 - Introducing ECS Reps via EGU Blog
 - Blogs and Social Media blurbs about ECS-events



Come and meet experts working at the interface of science & policy at a [#vEGU21 networking session](#) !

[Science for Policy Meet and Greet](#) : 26 April, 16:00

[Science -policy pairing scheme: a panel discussion](#) : 27 April, 16:00

**[Practice pitching your policy ask to a policymaker](#) :
28 April, 17:00**



How can scientists effectively engage with policy? Find out during these #vEGU21 Short Courses !

- [Your Handbook to Science for Policy](#) : 27 April, 10:00
- [How to influence policy through engaging with Parliaments](#) : 28 April,

16:00



Equality, Diversity and Inclusion (EDI) Events at vEGU21

- SC2.8 Promoting Diversity in Geosciences | 19 Apr 10:00 – 11:00 CEST
- SC2.9 Practical Recommendations on how to combat discriminatory work environments in the Geosciences | 19 Apr 14:30 – 15:30 CEST
- EOS5.1 Promoting and supporting equality, diversity and inclusion in the geosciences | 26 Apr 11:00 – 14:15 CEST
- GDB5 Bullying in Academia: towards creating a healthy and safe working environment (ECS Great Debate) | 22 Apr 09:00 – 10:30 CEST
- GDB1 Challenging discrimination in the geosciences: Amplifying unheard voices | 26 Apr 15:00 – 16:30 CEST
- NET0 Picture a Scientist Film Screening | 24 - 26 Apr
- EDI Networking Event | 26 Apr 17:00 – 17:30 CEST
- EGU Pride | 19 Apr 17:30 – 19:00 CEST
- EGU EDI Colouring Book



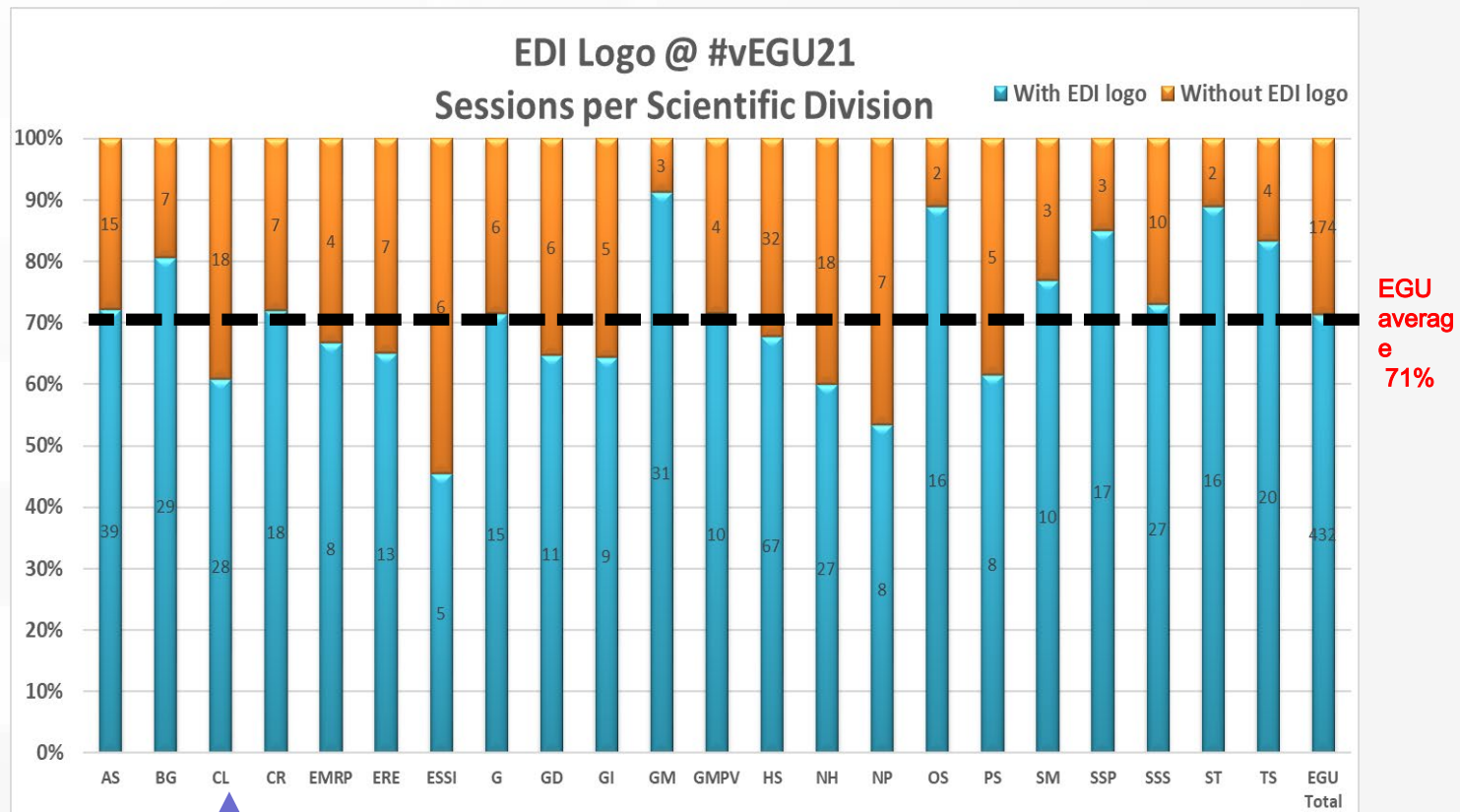
EDI Logo



EDI

Session conveners fulfill all three criteria:

1. Include conveners from **multiple countries and institutes**
2. Have conveners from **different career stages**, including at least one ECS
3. Include conveners that represent **more than one form of gender identity**

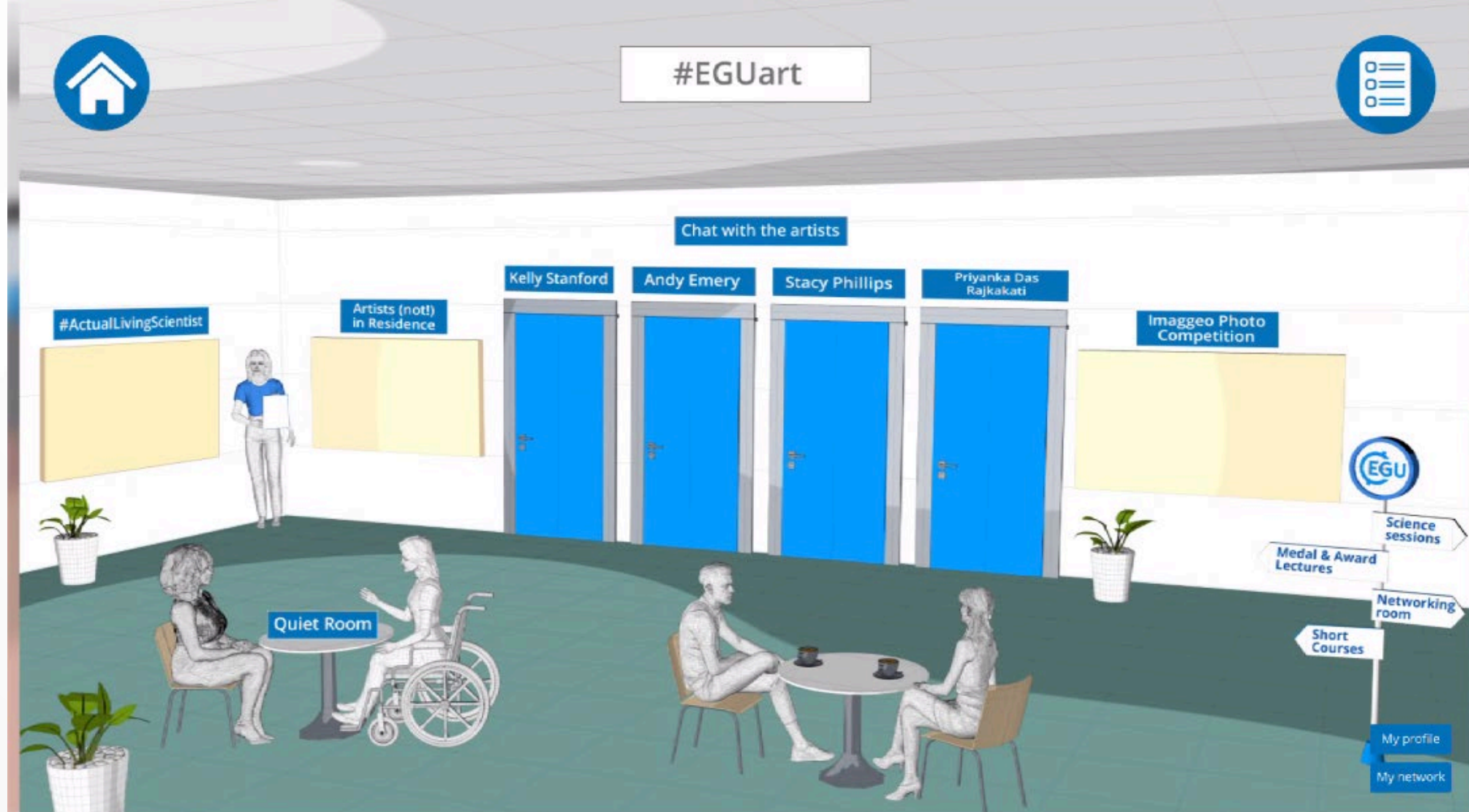


Send suggestions to:

edilogo@egu.eu

#EGUart

- 4 artists (not!) in residence
- #EGUart room in platform
- #ActualLivingScientist (EDI initiative)
- Colouring book (EDI initiative)
- Imaggeo photo competition
- Kids Art



#vEGU21 Networking

- Scheduled networking events (Division, ECS, etc.), including on Gather.town
- Pop-up networking events
- EGU committee meet & greets
- Viennese settings (café, art exhibits, cooking)
- Quiet room (Spotify playlist)
- vEGU21 platform built -in networking capabilities (networker, handshake)

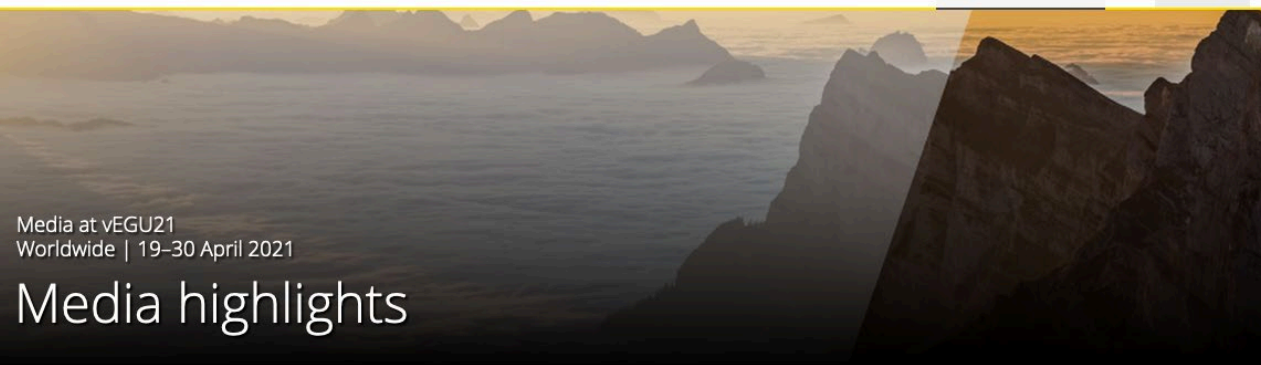


#vEGU21 outreach activities

- **EGU Public Lecture:** Günter Blöschl, Vienna University of Technology and previous EGU President, 21 Apr 18:00 CEST; link on EGU and vEGU21 websites. The lecture is hosted and organised by the Austrian Academy of Sciences.
- **EGU Mentoring:** 130 mentees successfully paired with 83 mentors.
- **Croome & Krafft award presentations** 20 Apr 18:00 CEST
- **Teaching/scientist pairing scheme** pilot project

#vEGU21 Media activities

- 6 press conferences
- New: media highlights page
- New: 5 press releases
- New: 5 media tip sheets
- Every PG represented in these materials!



Media at vEGU21
Worldwide | 19–30 April 2021

Media highlights

[Home](#) / [vEGU21 Press Centre](#) / Media highlights

Site search

The evolution of feathers

Birds are covered in feathers, but they are not the only animal to sport a colorful coat. Dinosaurs once did too, according to recent scientific findings. Researchers have uncovered fossils that show feathers existed 100 million years ago and were likely on all dinosaur groups.

Michael Benton, paleontologist at the University of Bristol, UK, **presents** research on **Tuesday, 20 April at 15:05 CEST** covering the evolution of feathers, including how paleontologists are detecting colours and patterns of dinosaur feathers. He will also discuss new frontiers of research in paleobiology.



Dinosaurs that are 100 million years old show evidence of feathers. Scientists have discovered that Sinosauropteryx had ginger and white rings of feathers down its tail. Image credit: Sam / Olai Ose / Skjaervoy, CC 2.0, Flickr.

Lessons learned when an earthquake struck during the pandemic



The deadliest earthquake of 2020 occurred amid the global COVID-19 pandemic. When a magnitude-6.9 quake struck the eastern Aegean Sea in October, 119 people died in Turkey and Greece, predominantly from buildings collapsing. It was the scene emergency responders and natural hazards scientists had feared: a major quake occurring during the pandemic.

Normal actions immediately following an earthquake — like search and rescue, first-aid treatment, and setting up emergency shelters — were riskier and more challenging because of COVID. For example, responders needed proper personal protective equipment, especially facemasks, and the affected

CL Division Medals

(A quick overview)

Medallists' lectures for 2020 and 2021

MAL4a and MAL4b sessions 20th April, 2021

The CL Division has 3 award/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)

DIVISION OUTSTANDING EARLY CAREER SCIENTIST AWARDS 2021

Franziska A. Lechleitner

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Site search



CL Climate: Past, Present & Future

The 2021 Division Outstanding Early Career Scientist Award is awarded to Franziska A. Lechleitner for her contributions to the understanding of the past climate and environment as recorded in speleothems.

Franziska Anna Lechleitner received her PhD from ETH Zurich in 2016. Her thesis, entitled “Characterizing the legacy of carbon in karst systems: isotopic and chronological applications on stalagmites”, focused on carbon isotopic composition as recorded in speleothems and its use for studies of past environments.

In this early stage of her scientific career, Lechleitner has made significant contributions in high-resolution studies of speleothems. Together with her collaborators, she developed strategies for sampling and dating these unique records. Her work is of regional and global significance. Lechleitner’s skilled use of geochronological tools is essential for understanding the global connections of the past climate. The most recent studies of the records from permafrost illustrate the significance of her work for understanding future climate changes.



Franziska A. Lechleitner

Full citation at: <https://www.egu.eu/awards-medals/division-outstanding-ecs-award/2021/franziska-a-lechleitner/>

HANS OESCHGER MEDAL 2021

Sonia I. Seneviratne

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Site search



The 2021 Hans Oeschger Medal is awarded to Sonia I. Seneviratne for her groundbreaking contributions to our understanding of land-climate dynamics, their relevance to weather and climate extremes, and their implications for anthropogenic climate change.

Sonia Seneviratne has done pioneering work in recognizing the role that soil moisture plays in the climate system. She demonstrated how soil moisture variability affects the occurrence of climate extremes, thereby reshaping the understanding of the dynamics of hot extremes and mega-heatwaves. By uncovering the importance of soil moisture, Seneviratne contributed substantially to our knowledge of the interactions between the carbon cycle and the water cycle. She also linked hot extremes directly to cumulative carbon emissions and pioneered the analysis of compound extreme events.



Sonia I. Seneviratne

MILUTIN MILANKOVIC MEDAL 2021

Ayako Abe-Ouchi

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Site search



The 2021 Milutin Milankovic Medal is awarded to Ayako Abe-Ouchi for fundamental contributions to our understanding of climate-ice sheet interactions on orbital timescales and how they shape the planetary response to Milankovic cycles.

Ayako Abe-Ouchi received her PhD from ETH Zurich in 1993. The thesis research was on modelling the ice sheet response to climate change, a topic that has been at the centre of her research interests ever since.

Abe-Ouchi has made an outstanding contribution to our understanding of climate change on orbital timescales through a body of modelling work that has set a new standard for the field. She has demonstrated that the 100,000-year periodicity of the most recent glacial cycles can be understood through internal feedbacks between climate, ice-sheet volume, and the isostatic response, including the rapid terminations of each cycle. Her work provides a compelling solution to the long-standing “100-kyr problem” in palaeoclimate research: the observation that the ice-age cycles have a dominant 100,000-year periodicity, despite weak orbital forcing at that frequency.

More recently, Abe-Ouchi’s work has been focusing on simulating Dansgaard-Oeschger oscillations and how their occurrence and timing characteristics depend on the background climate. This work is opening new avenues in investigating the interaction between millennial-scale and orbital-scale climate change.



Ayako Abe-Ouchi

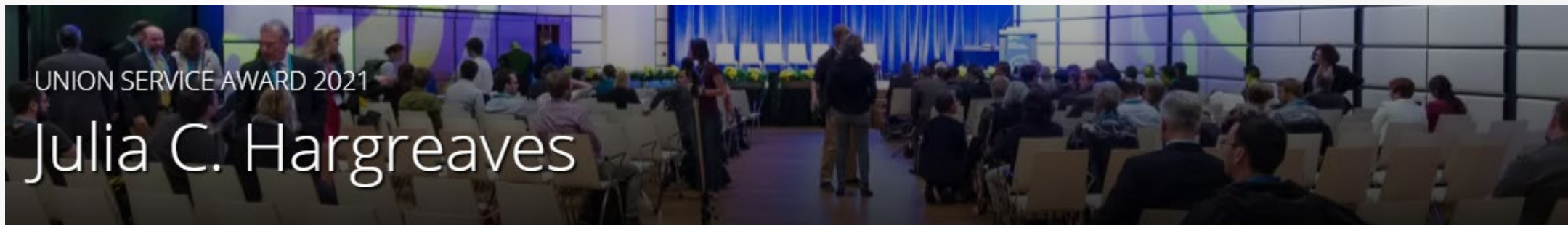
List of all EGU awards & medals

Union medals

- **Alexander von Humboldt Medal**
Scientists who have performed research in developing regions
- **Alfred Wegener Medal & Honorary Membership**
Atmospheric, hydrological or ocean sciences
- **Arthur Holmes Medal & Honorary Membership**
Solid Earth geosciences
- **Jean Dominique Cassini Medal & Honorary Membership**
Planetary and space sciences

Union awards

- **Arne Richter Awards for Outstanding Early Career Scientists**
Achievements made by early career scientists in the Earth, planetary, and space sciences
- **Angela Croome Award**
Earth, space and planetary sciences journalism
- **Katia and Maurice Krafft Award**
Geoscience outreach and engagement
- **Union Service Award**
Outstanding services for the Union



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Site search



The 2021 Union Service Award is awarded to Julia C. Hargreaves in recognition of her outstanding contributions over many years to the creation, promotion, and development of the internationally recognized EGU journal Geoscientific Model Development.

In 2008 Hargreaves became a founding executive editor of EGU's Geoscientific Model Development (GMD) and has played a critical role in the intellectual development and practical success of the journal ever since. She served as chief executive editor from 2014-2019 and continues to serve on the editorial board. Through continual refinement of the policy of the journal, in constant collaboration with the publisher Copernicus, she has pushed open publishing and open code to a new standard within the EGU. For example, the now-ubiquitous "code and data availability" sections are the result of a decade-long process of increasing transparency pioneered by GMD and developed, supported, and championed at every stage by Hargreaves.



Julia C. Hargreaves

Full citation at: <https://www.egu.eu/awards-medals/union-service-award/2021/julia-c-hargreaves/>

New for 2021: Virtual OSPP Contest (vOSPP) 2021

- BSc, MSc, PhD first & presenting authors eligible.
- vOSPP participants are clearly indicated in the final programme.
- All registered EGU participants can vote on vOSPP presentations (subject to some restrictions).
- No appointed judges. Conveners should vote on vOSPP presentations within their session and to invite session participants to do the same.

<http://www.egu.eu/awards-medals/union-ospp-award/>

(note: no OSPP awards given in 2020)

I have a brilliant candidate for a medal / award ...

- Who can nominate? => EGU members
- Whom can you nominate? => anybody except EGU officials ... and yourself!
- When? => **June, 15th is the absolute deadline, you can do it NOW**
- How? Online:
- <https://www.egu.eu/awards-medals/nominations/>
- <https://www.egu.eu/awards-medals/proposal-and-selection-of-candidates/>

... and what if you do not nominate?

The EGU reserve the right to not confer the medal when there is only one nomination.

A nomination package for the Division and Union medals consist of the following:

- Nomination letter (1 page). ...
- Curriculum Vitae (2 pages). ...
- Selected bibliography (2 pages). ...
- Supporting letters. Between 3 and 5 letters of support (maximum 1 page each) ...

A nomination package for the Outstanding Early Career Scientists Awards consist of the following:

- Nomination letter (1/2 page) ...
- Curriculum Vitae (1 page) ...
- Selected bibliography (1/2 page)...

Medal committees evaluate the candidates and gets approval by council

Hans Oeschger Medal Committee 2022 (with one non medallist member, following best practice)

- Gabi Hegerl (Chair)
- Hubertus Fischer
- Ed Brook
- Kim M. Cobb
- Sonia I. Seneviratne

We thank DenisDidier Rousseau who served on the committee for 4 years
(Member Rotated off the committee following best practice)



Image: <https://itsfoss.com>

Medal committees evaluate the candidates and gets approval by council

Milutin Milankovic Medal Committee 2022 (with one non medallist member, following best practice)

- Marie-France Loutre (Chair)
- Jacques Laskar
- David Hodell
- Valérie Masson Delmotte
- Ayako Abe-Ouchi

We thank Paul Valdes who served on the committee for 4 years
(Member Rotated off the committee following best practice)



Image: <https://itsfoss.com>

ECS & outreach report



Early career scientists in EGU

ECS-CL representative :	Carole Nehme → Janina Nett
ECS-CL co-representative :	Gabriele Messori → Thomas Chen, Nazimul Islam
ECS-CL outreach team :	Janina Nett, Gabriele Messori → Janina Nett, Bramha Dutt Vishwakarma, Ichiko Sugiyama, Martin Wegmann

What is An Early Career Scientists (ECS)?

- An Early Career Scientist (ECS) is a student, a PhD candidate, or a practicing scientist who received their highest certificate (e.g. BSc, MSc or PhD) within the past seven years. Extension for certain periods (caring, parental responsibilities, disability, illness etc.)

Important to know !!!

- Approximately 2/3 of CL-EGU members are early career scientists – **it's important that your voice is heard.**

- The ECS website provides information for ECS at <http://www.egu.eu/ecs/> including careers, financial support, events & resources.

Awards

- There are ECS awards at division & assembly level. Please check the nomination guidelines : <http://www.egu.eu/awards-medals/>
 - Arne Richter Awards for Outstanding Early Career Scientists (Union wide)
 - Division Outstanding Early Career Scientist Awards.

you could be the next recipient !

- ECS rep. provides a link between the ECS community & the EGU.
- ECS maintain & promote a supportive environment for young scientists within the union
..... **Would you like to be involved ?.....**

- Contact the current ECS rep. with questions, comments, feedback etc.
 - **ECS Networking event (NET9) Thu 22st, 18-19h in Gather.town!**
 - Send an email to cl-ecs@egu.eu

A photograph showing three people from behind, wearing heavy winter jackets and hoods, standing on a snowy beach. They are looking out at a grey, overcast ocean with some white foam from waves. The scene is misty and cold.

ECS
About early career scientists (ECS)

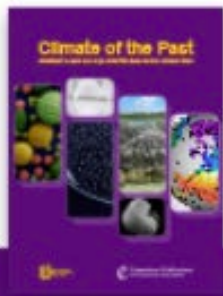
- Outreach-team increased (3 new ECS)
- Blog output increased (1-2/month) & readers increased (~400 p. week)
- Co-blogging with other divisions and EGU policy (e.g. Welcome the US back into the Paris agreement)
- New Series: Life of a Climate Scientist
- Twitter followers increased ~1600
- Advertisement for CL-sessions during EGU via Twitter
- 2-3 short courses per year organized or co-organized by CL
- Plan for this year: continue with the success, build up new ECS Team.

Why should you contribute a blog post?

- Giving something back to society by explaining your research in an understandable way → great practice to increase your communication skills
- Great advertisement for your paper or a topic you are passionate about
- You get feedback on your writing
- „Outreach“ for your CV
- It is fun!
- We are not picky on your motivations, contact us with your blog idea! 😊

Journals with particular links to the division

(slides kept from last year)



Climate of the Past

An interactive open-access journal of the European Geosciences Union



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OPEN
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INTERACTIVE PUBLIC
PEER REVIEW



ARTICLE LEVEL
METRICS

IF (2019): 3.596

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

- CP editorial board is composed of 44 regular editors: 20 F & 24 M among who, 3 co-editors in chief F and 1 co-editor in chief M
- 2020-2012 chief of chiefs: Laurie Menviel, upcoming Denis-Didier Rousseau

The main subject areas are the following:

- **reconstructions of past** climate based on instrumental and historical data as well as proxy data from marine and terrestrial (including ice) archives;
- **development and validation of new proxies**, improvements of the precision and accuracy of proxy data;
- **theoretical and empirical studies of processes** in and feedback mechanisms between all climate system components in relation to past climate change **on all space scales and timescales**;
- **simulation of past climate and model-based interpretation of palaeoclimate data** for a better understanding of present and future climate variability and climate change.

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

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

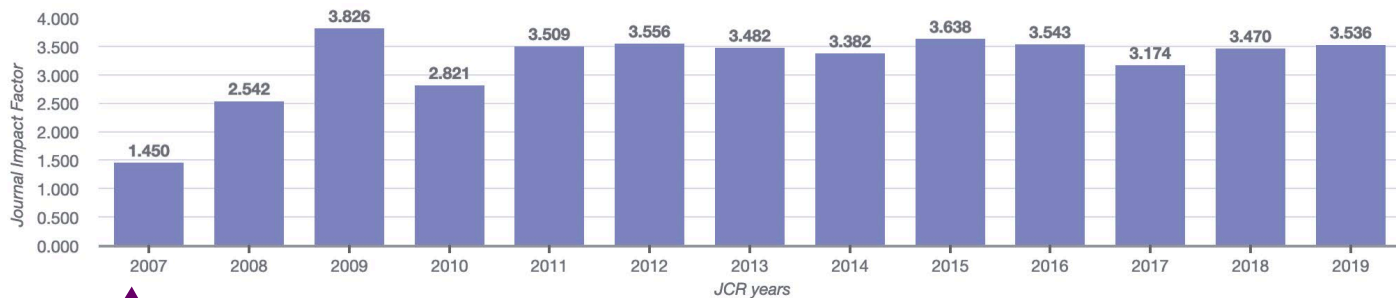


Climate of the Past

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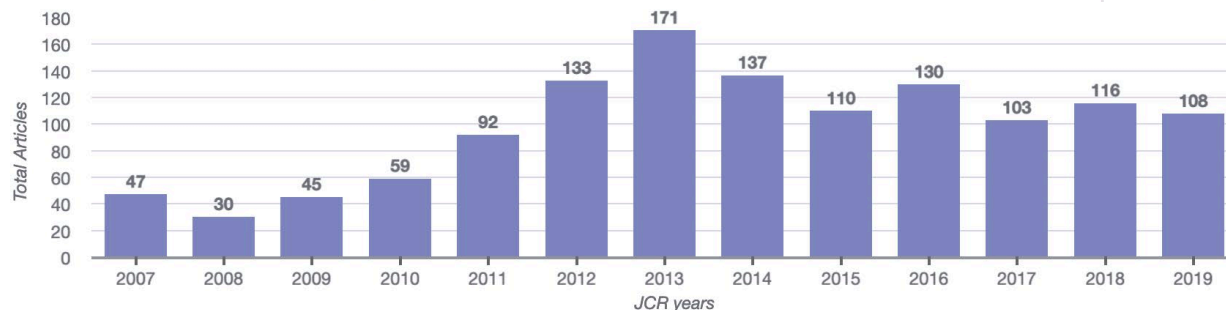


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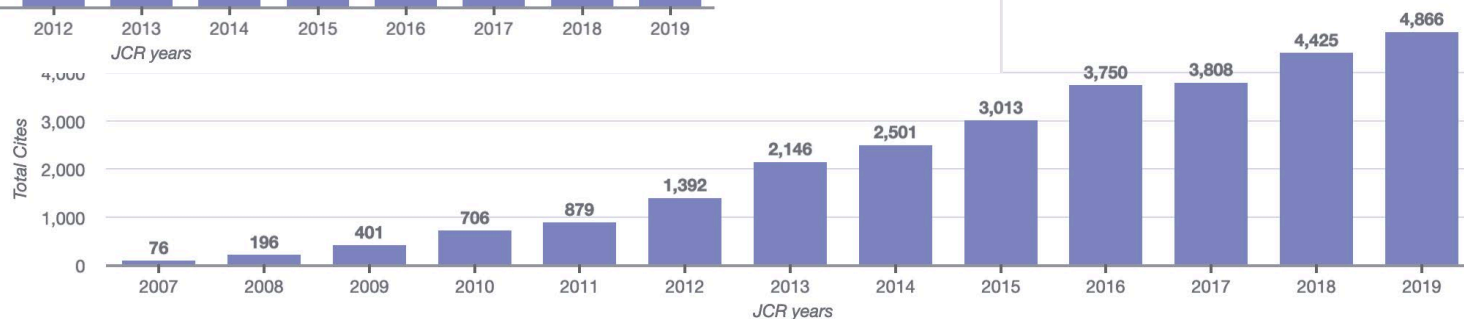
Impact factor (2019)= 3.536: estimate 2020: > 4.2

Launched 2005,
1st IF 2007
Only EGU journal !!!



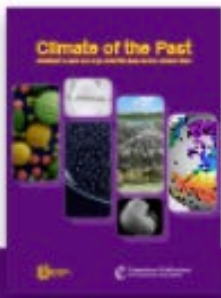
Average # of papers per year: 99

Increasing citation trend



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

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



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Highlights:

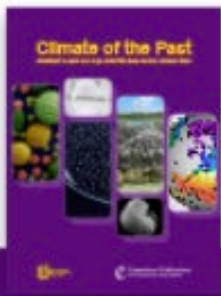
- 2020 = 15th anniversary of Climate of the Past
- Still several special issues among which in 2020:
 - A century of Milankovic's theory of climate changes: achievements and challenges (NPG/CP inter-journal SI)
 - Reconstructing Southern Ocean sea-ice dynamics on glacial-to-historical timescales

• And starting in 2021, CP per-paper APC pilot

To help authors cover the article processing charges (APC) needed for the final journal article already from submission, the EGU and Copernicus test a per-paper APC model for manuscripts submitted to CP from 1 January 2021. The standard fee will be €1,600 net, independent of the article length. Please find further information about this pilot.

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

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



Climate of the Past

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Thank you for listening
and enjoy EGU2021!!!!

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

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



Earth System Dynamics

Earth System Dynamics

An international scientific journal dedicated to studies that take an interdisciplinary perspective of the functioning of the whole Earth system and global change

Open review, open access

Not for profit

ISI Impact Factor: 3.77

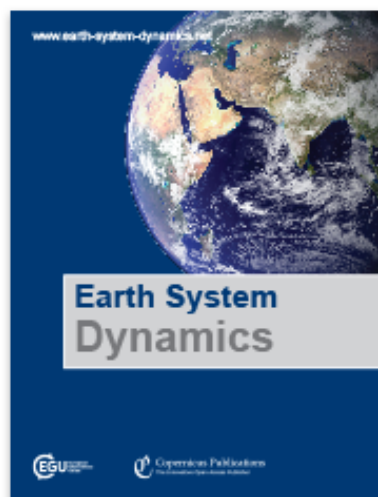
Time To Publication: 6 months

Chief editors:

**Somnath Baidya Roy,
Ira Didenkulova , Axel Kleidon &
Ning Zeng**

Earth System Dynamics

Home



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INTERACTIVE PUBLIC
PEER REVIEW



ARTICLE LEVEL
METRICS


Chief editors: Somnath Baidya Roy, Ira Didenkulova, Axel Kleidon & Ning Zeng

Earth System Dynamics (ESD) is a not-for-profit international scientific journal dedicated to the publication and public discussion of studies that take an interdisciplinary perspective of the functioning of the whole Earth system and global change. The overall behaviour of the Earth system is strongly shaped by the interactions among its various component systems, such as the atmosphere, cryosphere, hydrosphere, oceans, pedosphere, lithosphere, and the inner Earth, but also by life and human activity. ESD solicits contributions that investigate these various interactions and the underlying mechanisms, ways how these can be conceptualized, modelled, and quantified, predictions of the overall system behaviour to global changes, and the impacts for its habitability, humanity, and future Earth system management by human decision making.

 Clarivate™ IF 3.866

 Clarivate™ IF 5-year 4.135

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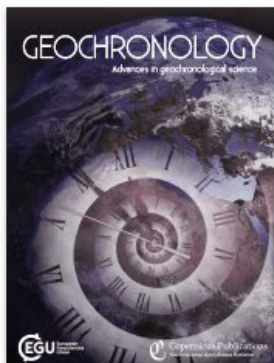
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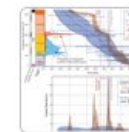
16 Apr 2021

An evaluation of Deccan Traps eruption rates using geochronologic data

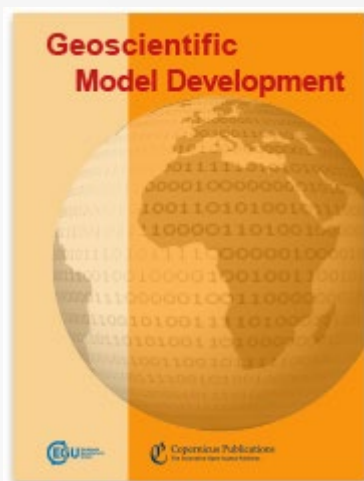
Blair Schoene, Michael P. Eddy, C. Brenhin Keller, and Kyle M. Samperton

Geochronology, 3, 181–198, <https://doi.org/10.5194/gchron-3-181-2021>, 2021

► Short summary



Geoscientific Model Development (GMD) is an international scientific journal dedicated to the publication and public discussion of the description, development, and evaluation of numerical models of the Earth system and its components.



Journal metrics

Clarivate Analytics **IF 4.252**


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Scopus **CiteScore 4.49**

CWTS **SNIP 1.539**

SJR **SJR 2.404**

CWTS **IPP 4.28**

 **h5-index 40**

SJR **Scimago H index 51**

► Definitions

Highlight articles

03 Apr 2019

Terrainbento 1.0: a Python package for multi-model analysis in long-term drainage basin evolution

Katherine R. Barnhart, Rachel C. Glade, Charles M. Shobe, and Gregory E. Tucker

Geosci. Model Dev., 12, 1267-1297, <https://doi.org/10.5194/gmd-12-1267-2019>, 2019

► [Short summary](#)

27 Mar 2019

Devito (v3.1.0): an embedded domain-specific language for finite differences and geophysical exploration

Mathias Louboutin, Michael Lange, Fabio Luporini, Navjot Kukreja, Philipp A. Witte, Felix J. Herrmann, Paulius Velesko, and Gerard J. Gorman

Geosci. Model Dev., 12, 1165-1187, <https://doi.org/10.5194/gmd-12-1165-2019>, 2019

► [Short summary](#)

08 Mar 2019

The Open Global Glacier Model (OGGM) v1.1

Fabien Maussion, Anton Butenko, Nicolas Champollion, Matthias Dusch, Julia Eis, Kévin Fourteau, Philipp Gregor, Alexander H. Jarosch, Johannes Landmann, Felix Oesterle, Beatriz Recinos, Timo Rothenpieler, Anouk Vlug, Christian T. Wild, and Ben Marzeion

Geosci. Model Dev., 12, 909-931, <https://doi.org/10.5194/gmd-12-909-2019>, 2019

► [Short summary](#)

10 Dec 2018

ESM-SnowMIP: assessing snow models and quantifying snow-related climate feedbacks

Gerhard Krinner, Chris Derksen, Richard Essery, Mark Flanner, Stefan Hagemann, Martyn Clark, Alex Hall, Helmut Rott, Claire Brutel-Vuilmet, Hyungjun Kim, Cécile B. Ménard, Lawrence Mudryk, Chad Thackeray, Libo Wang, Gabriele Arduini, Gianpaolo Balsamo, Paul Bartlett, Julia Boike, Aaron Boone, Frédérique Chéruy, Jeanne Colin, Matthias Cuntz, Yongjiu Dai, Bertrand Decharme, Jeff Derry, Agnès Ducharme, Emanuel Dutra, Xing Fang, Charles Fierz, Josephine Ghattas, Yeugeniy Gusev, Vanessa Haverd, Anna Kontu, Matthieu Lafaysse, Rachel Law, Dave Lawrence, Weiping Li, Thomas Marke, Danny Marks, Martin Ménégoz, Olga Nasonova, Tomoko Nitta, Masashi Niwano, John Pomeroy, Mark S. Raleigh, Gerd Schaedler, Vladimir Semenov, Tanya G. Smirnova, Tobias Stacke, Ulrich Strasser, Sean Svenson, Dmitry Turkov, Tao Wang, Nander Wever, Hua Yuan, Wenyan Zhou, and Dan Zhu

Geosci. Model Dev., 11, 5027-5049, <https://doi.org/10.5194/gmd-11-5027-2018>, 2018

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Questions?

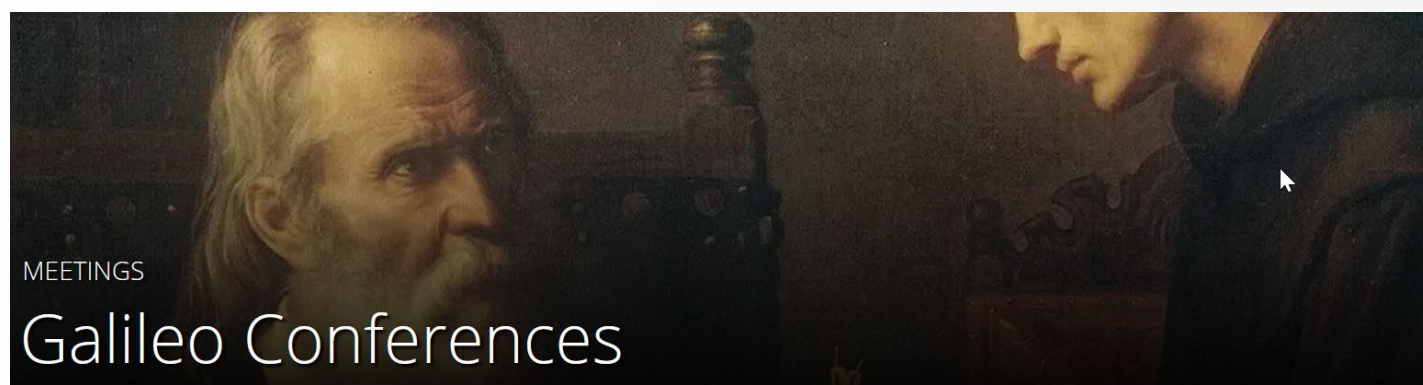
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Other EGU activities

- Galileo conferences
- Conference series
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- Geosciences for Teachers (GIFT)
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- Outreach
- IMAGGEO ---->
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We hope for a successful #vEGU21 but we also hope that the next EGU GA 2022 will be in Vienna!
To exchange on this issue and other CL -related subjects join:

NET27 **CL-event for all division members**
Wed, 21 Apr, 18:00 –19:00 (CEST)

NET9 **CL ECSevent**
Thu, 22 Apr, 18:00 –19:00 (CEST)



Let us know what you think ... -> cl@egu.eu !!

Any other business?



Friday, 30 April

ECE3

EGU Closing Party



Conveners: Alberto Montanari, Peter van der Beek

Fri, 30 Apr, 17:30–19:00 (CEST)



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CL CLIMATE: PAST, PRESENT & FUTURE

Division on Climate: Past, Present & Future

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President: Didier Roche (cl@egu.eu)

Deputy President: Irka Hajdas (hajdas@phys.ethz.ch)

The Division on Climate: Past, Present & Future is one of the larger divisions of the European Geosciences Union. It pools from many disciplines and consequently has many co-organized and co-listed sessions with other divisions at the general assembly. The division is very interdisciplinary and covers climate variations on all time scales. CL includes the study of any kind of climate archive from rocks to ocean cores, speleothems, ice cores, chronicles, to instrumental records to name a few. Besides observations, climate modeling on all time scales from the deep past to the future are areas covered by the division. Any aspect of the climate system falls into the realm of the division e.g. atmosphere, ocean, biosphere, cryosphere, and geology. Themes focus on the climate on Earth but may also expand other planets or the sun.

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