

# CL Division Meeting

Didier M. Roche

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EGU Share Geosciences Online | May, 5th, 2020

## A short address

Dear all,

During these complex and trying times, we have been pushed to completely change our perspectives on our General Assembly.

The programme committee of the EGU and at the forefront, the outgoing programme committee chair Susanne Buiter, have done an incredible job in moving the whole meeting into the Sharing Geosciences Online, the first fully virtual EGU meeting, in only a few weeks.

From yesterday's experience, conveners and all members are up to the challenge!

**Thanks to all!**

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](mailto:cl@egu.eu).

Enjoy your virtual meeting!  
Didier (R.)

## Agenda for the meeting:

- 1./ Structure and team for the division
- 2./ OSPP 2019 awards
- 3./ A perspective on the SGO 2020
- 4./ EGU Governance Review
- 5./ CL division medals
- 7./ ECS team
- 8./ Journals of interest
- 9./ EGU G.A. 2021
- 10./ AoB?

# CL division

## Structure and team

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Irka Hajdas

ELECTED

## Fall 2019 election

- Irka Hajdas has been elected as future president of the CL Division
- Irka is from now on incoming CL president and will take office as president at the next general assembly of the EGU.
- Irka will be the 6th president of the CL division and first woman in that office



# CL Division structure



Image: <https://itsfoss.com>

Programme Group Chair	Didier Roche	<a href="mailto:cl@egu.eu">cl@egu.eu</a>
Deputy-president	Irka Hajdas	<a href="mailto:hajdas@phys.ethz.ch">hajdas@phys.ethz.ch</a>
Science Officers	Julia Hargeaves	<a href="mailto:juleswork@mac.com">juleswork@mac.com</a>
	Jan-Berend Stuut	<a href="mailto:jbstuut@nioz.nl">jbstuut@nioz.nl</a>
	Elisabeth Dietze	<a href="mailto:edietze@awi.de">edietze@awi.de</a>
	Martin Wild	<a href="mailto:martin.wild@env.ethz.ch">martin.wild@env.ethz.ch</a>
Awards & Medals	Gabi Hegerl	<a href="mailto:Gabi.Hegerl@ed.ac.uk">Gabi.Hegerl@ed.ac.uk</a>
	Paul Valdes	<a href="mailto:P.J.Valdes@bristol.ac.uk">P.J.Valdes@bristol.ac.uk</a>
ECS Representative	Carole Nehme Michael Deininger Gabriele Messori <b>Bramha Dutt Vishwakarma</b>	<a href="mailto:carole.nehme@univ-rouen.fr">carole.nehme@univ-rouen.fr</a> <a href="mailto:michael.deininger@ucd.ie">michael.deininger@ucd.ie</a> <a href="mailto:gabriele.messori@misu.su.se">gabriele.messori@misu.su.se</a> <a href="mailto:bd.vishwakarma@bristol.ac.uk">bd.vishwakarma@bristol.ac.uk</a>
Outreach	Célia Sapart Caroline Jacques Carole Nehme Janina Boesken	<a href="mailto:csapart@ulb.ac.be">csapart@ulb.ac.be</a> <a href="mailto:Caroline.Jacques@ulb.ac.be">Caroline.Jacques@ulb.ac.be</a> <a href="mailto:janina.boesken@geo.rwth-aachen.de">janina.boesken@geo.rwth-aachen.de</a>

# OSPP Awards

“Outstanding Student Poster & Pico Awards”

(from a time when we had Posters & Picos)

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## OSPP Awards in a nutshell ... (will be presented at next in person meeting)

... are outstanding student contributions rated at the previous EGU General Assembly

- 5 awards from EGU 2019
- Each laureate:
  - Has name, picture & poster/PICO published on the EGU Award/Medals webpage
  - Appears in EGU newsletter
  - Receives a conference fee waiver at the next EGU General Assembly



**CL** Climate: Past, Present & Future

The 2019 Outstanding Student Poster and PICO (OSPP) Award is awarded to Aline Mega for the poster/PICO entitled:

*Highly variable surface-water conditions off southern Portugal during mid-Pleistocene Marine Isotope Stages 20 to 26 (790 – 970 ky) (Mega, A.; Salgueiro, E.; Voelker, A. H. L.)*

Click [here](#) to download the poster/PICO file.

Oceanographer Aline Mega is a visiting researcher in the Marine Geology and Georesources division of the Portuguese Institute for the Sea and Atmosphere (IPMA; Lisbon), working under the supervision of Dr. Antje Voelker towards her PhD degree. Her research focuses on the surface-water variations during the Early-to-Middle Pleistocene Transition (EMPT). The awarded poster at the EGU conference (2019) describes high-resolution planktonic foraminifera fauna and sea surface temperature data from IODP Site U1387 (Gulf of Cadiz, NE Atlantic) during the EMPT. These analyses reveal dominantly subtropical gyre influence interrupted by incursions of subpolar waters when the North Atlantic's subarctic front moved to its southernmost position during glacial periods.



Aline Mega

# Outstanding Student Poster and PICO Awards 2019

**CL** Climate: Past, Present & Future

The 2019 Outstanding Student Poster and PICO (OSPP) Award is awarded to Bernat Jiménez-Esteve for the poster/PICO entitled:

*Nonlinearity in the Northern Hemisphere atmospheric response to a linear ENSO forcing* (Jiménez-Esteve, B.; Domeisen, D. I. V.)



Bernat Jiménez-Esteve

Click [here](#) to download the poster/PICO file.

Bernat Jiménez-Esteve is a PhD student in the Atmospheric Predictability group at ETH Zurich, led by Prof. Dr. Daniela Domeisen. He pursued a Bachelor degree in Physics and a Master degree in Meteorology at the University of Barcelona. His PhD research focuses on the El Niño Southern Oscillation's (ENSO) influence on extratropical climate. He uses observational and model data to understand the physical mechanisms that lead to such remote influences, which can improve predictability at seasonal timescales.

At EGU 2019, he presented results from atmospheric model simulations forced with sea surface temperatures (SSTs) following the seasonal evolution of warm (El Niño) and cold (La Niña) ENSO phases. Whereas for moderate events the surface impacts in the North Pacific are quite linear (El Niño and La Niña have similar but opposite impacts), strong events exhibit significant nonlinearity (strong ENSO events yield more than twice the impact, especially for El Niño). The nonlinearity can be traced back to the relationship between SST and tropical rainfall. These results may have important implications for projected changes in the ENSO characteristics with climate change.

**CL** Climate: Past, Present & Future

The 2019 Outstanding Student Poster and PICO (OSPP) Award is awarded to Iulia-Madalina Streanga for the poster/PICO entitled:

*A calibration study of Sr/Ca ratios and  $\delta^{18}O$  to sea surface temperature and salinity in the West Pacific Warm Pool (Streanga, I.-M.; Hughen, K. A.; Jung, S.)*

Click [here](#) to download the poster/PICO file.

At the time of her participation in EGU 2019, Iulia-Madalina Streanga was a 4th year undergraduate student in Environmental Geoscience at The University of Edinburgh. The research she presented at EGU 2019 used measurements of Sr/Ca and  $\delta^{18}O$  on a coral skeleton drill core from Kosrae Island, Federal States of Micronesia, as proxies for changes in sea surface temperature and salinity. Currently, Iulia is a first-year PhD student in the MIT/WHOI Joint Program in Chemical Oceanography.



Iulia-Madalina Streanga

**CL** Climate: Past, Present & Future

The 2019 Outstanding Student Poster and PICO (OSPP) Award is awarded to Livia Manser for the poster/PICO entitled:

*Neogene evolution of paleoenvironments in the North American Great Plains from a stable isotope study* (Manser, L.; Caves Rugenstein, J. K.; Kukla, T.; Willett, S.)

Click [here](#) to download the poster/PICO file.

Livia Manser is a master's student at the Department of Earth Sciences at the Swiss Federal Institute of Technology (ETH Zurich). Her interest of research focuses on the interactions between climate and landscape evolution. The presented poster at EGU 2019 details preliminary results from a stable isotope study of authigenic carbonate facies from the North American Great Plains.



Livia Manser

# Outstanding Student Poster and PICO Awards 2019

**CL** Climate: Past, Present & Future

The 2019 Outstanding Student Poster and PICO (OSPP) Award is awarded to Nicholas Leach for the poster/PICO entitled:

*Current level and rate of warming determine emissions budgets under ambitious mitigation* (Leach, N.; Millar, R.; Haustein, K.; Jenkins, S.; Allen, M.)



Nicholas Leach

Click [here](#) to download the poster/PICO file.

Nicholas is a PhD student on the NERC Environmental Research Doctoral Training Partnership, in the Department of Physics at the University of Oxford, UK. His research concerns the representation of internal variability in models used for the attribution of climate change, with a focus on heatwaves.

The work presented at EGU 2019 is part of research regarding simple climate models and carbon budgets that he carried out during his undergraduate masters in physics – collaborating with the Environmental Change Institute at the University of Oxford – and still spends a limited time on. The aim of the research was to help understand where the differences between the broad range of estimates of the remaining carbon budget to 1.5C arise. To do this, a simple geometrical formula was derived to relate the current rate and level of warming to the remaining time until a particular temperature target is exceeded. This could then be used to determine a carbon budget using estimates of the present day emission rate of carbon dioxide, which can be adapted to calculate either the CO<sub>2</sub>-only or all-forcings CO<sub>2</sub>-forcing-equivalent budget. This method can be used to constrain the budget using observations alone, is consistent with model-derived estimates, and explains where some discrepancies between previous estimates come from.

# EGU Sharing Geosciences Online

... a 2020 perspective

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# Global EGU SGO meeting statistics

## CL Division

## All meeting

### PG abstract statistics

Active scheduled	<b>+24.8%</b>	3,690
Granted supports	None: 3,690 (100%) ECSTS: 21 (1%)	
Presentations	Displays: 3,690 (100%)	
Author identification specifics	ECS: 1,993 (54%)	

#### All abstract statuses

Submitted	Total:	3,815
	Thereof rejected:	0
	Thereof withdrawn:	111
Scheduled	Total:	3,704
	Thereof withdrawn displays:	14
Active scheduled	Total:	<b>3,690</b>

### Meeting abstract statistics

Active scheduled	<b>+11.5%</b>	18,055
Granted supports	None: 17,754 (98%) ESTS: 18 (0%) ECSTS: 283 (2%)	
Presentations	Displays: 18,009 (100%) Orals: 46 (0%)	
Author identification specifics	ECS: 9,619 (53%)	

#### All abstract statuses

Submitted	Total:	18,760
	Thereof rejected:	3
	Thereof withdrawn:	640
Scheduled	Total:	18,117
	Thereof withdrawn displays:	62
Active scheduled	Total:	<b>18,055</b>

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

Number of sessions in CL is stable.

## Monday at noon:

- 345 users in CL chats active (5,484 in total)
- Highlights:
  - CL4.5 => 195 participants
  - CL1.26 => 112 participants
- 
- **Monday evening:**
- CL chat accesses: 1377 (EGU total: 17303, individual nicknames)

EGU record #attendees in one chat: 445 (!)

CL record so far: 213 attendees

... and this is only the start of the week! Looking forward to beat that with your involvement!



# Virtual Data Help Desk EGU 2020

## 4-8 May 2020

- Engage with Data Experts
- Learn Skills and Techniques
- Make your Data Open and FAIR



Ask questions through twitter via **#DataHelpDesk**



View short tutorials and demos. Details: **[bit.ly/DataHelpEGU20](https://bit.ly/DataHelpEGU20)**



A program of EGU, AGU, ESIP,  
EarthCube, and their partners.



# EGU 2020/21 EGU Governance Review

## Governance Review Panel:

**Toby Rhodes** (Independent Chair)

**Ulrich Pöschl** (Publications Committee Member, AS)

**Raffaele Albano** (outgoing ECS Representative, NH)

**Susanne Buitter** (outgoing Programme Committee Chair, TS)

**Claudia Jesus Rydin** (Chair, Equalities & Diversity Working Group)

**Katja Fennel** (Chair, Publications Committee, BG, OS)

**Helen Glaves** (outgoing Division President, ESSI)

**Dan Parsons** (Division President, GM)

**Giuliana Panieri** (outgoing Division President, BG)

**Chris King** (Chair of Education Committee)

**Philippe Courtial** (EGU Executive Secretary)

Email: [governancereview@egu.eu](mailto:governancereview@egu.eu)

A governance review is an opportunity for the EGU to reflect on its governance arrangements in order to best serve the current and future needs of the organisation, the members, the scientific community and global concerns.

In particular, the governance review will:

- determine whether the governance processes and structures of the EGU are fit for purpose
- make recommendations for any changes to better serve the current and future needs of the EGU and its members

### **Objectives of the EGU Governance Review**

To review the governance processes and structures of the EGU, and make recommendations for any changes to enable the organisation:

- to best deliver its [Mission and Vision](#)
- to best serve the current and future needs of the organisation and its members;
- to ensure EGU structures deliver appropriate scientific and professional diversity and representation amongst EGU committees and boards

Terms of Reference: The full EGU Governance Review Terms of Reference [is available to download here](#)

## Timescales

- The Governance panel will convene in late May 2020, and conduct their review over the following 9-12 months.
- The Governance Review will produce an interim report to the EGU Council in October 2020, and a final report with recommendations in January 2021.
- The Governance Review will report to EGU members at the 2021 EGU General Assembly. If any changes to EGU governance require EGU Members to vote, this will take place at the EGU General Assembly.
- Implementation of any agreed governance changes will take place following the 2021 EGU general assembly

## EGU Governance Review Scope: *EGU Member Input*

EGU members may input their views to the Governance Review via their divisional representatives on EGU Council

EGU members may also contact the Governance Review Panel directly via email at:  
[governancereview@egu.eu](mailto:governancereview@egu.eu)

# CL Division Medals

(A quick overview)

Medallists' lectures will probably be given next year

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## 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)*

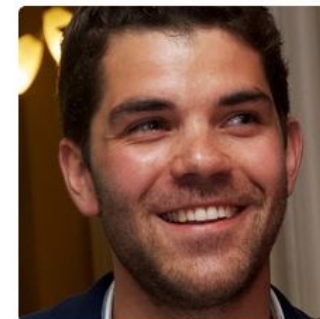
# 2020 Outstanding Early Career Scientists Award

**CL** Climate: Past, Present & Future

The 2020 Arne Richter Award for Outstanding Early Career Scientists is awarded to François Massonnet for his significant contribution to polar climate prediction, projection and reanalyses, including original integration of model and data evidence.

The Division on Climate: Past, Present & Future's Outstanding Early Career Scientist Award is presented to François Massonnet for his contributions to the understanding and prediction of polar climates in an integrative sense using the best knowledge arising from model and data evidence. Massonnet's field of expertise builds on his PhD on the evaluation of climate simulation of sea ice and has since grown to encompass data assimilation, seasonal to decadal prediction and forecast verification for polar climates.

Massonnet's work has already had a very significant impact on the community, as shown by his publication & citation record ; he also involves himself in community efforts including the IPCC and, more recently, the CMIP6 steering committee for sea ice.



François Massonnet



# 2020 Hans Oeschger Medal recipient

The 2020 Hans Oeschger Medal is awarded to Kim M. Cobb for pioneering acquisition and interpretation of high-resolution observations from corals and cave deposits in Earth's equatorial regions and their implications for climate change.

Kim Cobb received her PhD in Oceanography from the Scripps Institution of Oceanography in 2002. After post-doctoral work at the California Institute of Technology, in 2004 she joined the Georgia Tech faculty, where she is now the George Power Chair and ADVANCE Professor as well as the director of the Global Change Program. Cobb has pioneered acquisition and quantitative interpretation of multiple, replicated sequences of high-resolution observations from coral and speleothem archives in the key western warm pool and central equatorial Pacific regions during the past 20 years. In parallel, she has delved into the exquisite details of the geochemistry, physics, hydrology and isotopic systematics of these archives, developing chronometric protocols and ground truthing.

Cobb's work has addressed equatorial climate history on a variety of time scales. She is perhaps best known for quantifying changes in ENSO variability during the Holocene using multiple coral records and has also conducted important work on climate change on longer time scales from stalagmite records in the western Pacific warm pool. Not only has her work involved complicated and demanding field investigation, but she has also dived deeply into quantifying geochemical proxies in corals and speleothems through model studies and model-data comparisons, setting standards for the rigour required of such work.



Kim M. Cobb

Full citation at:

<https://www.egu.eu/awards-medals/hans-oeschger/2020/kim-m-cobb/>

## 2020 Milutin Milankovic Medal recipient

The 2020 Milutin Milankovic Medal is awarded to Valérie Masson-Delmotte for outstanding contributions to research on long-term climate change, namely palaeotemperature records from ice cores, and for her leadership in international efforts to translate science to society.

Valerie Masson-Delmotte received her PhD from the Ecole Centrale Paris and Laboratoire des Sciences du Climat et de l'Environnement (LSCE). She continues to work at LSCE, where she is currently the research director of Commissariat à l'énergie atomique et aux énergies alternatives (CEA).

Over the past two decades, Masson-Delmotte's innovative scientific contributions have allowed the community to significantly improve its understanding of the climatic interpretation of ice-core records. She has built strong expertise in processes linking climate parameters and stable isotopes of precipitation using measurements of isotopic composition of present-day precipitation (in areas such as Antarctica, Greenland, Tibet and France) and uses an ensemble of modelling approaches.

With the support of her research group and international project partners, Masson-Delmotte has obtained high-resolution measurements spanning the past centuries in order to characterise the power spectrum of climate variability beyond the instrumental period. This has provided an improved understanding of the links between climate parameters and stable isotope records and has enabled the last centuries to be placed in the broader context of current and previous interglacial periods.

In addition to her excellence in fundamental science, Masson-Delmotte has also been a prominent leader of the research community. Her broad scientific expertise and strong collaborations have enabled her leadership in climate science culminating in her appointment as co-chair of IPCC Working Group I for the Sixth Assessment Report.

Full citation at:

<https://www.egu.eu/awards-medals/milutin-milankovic/2020/valerie-masson-delmotte/>

## 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/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.

## And in practice ...

**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 2020** (with one non medallist member, following best practice)

- Gabi Hegerl (Chair)
- Denis-Didier Rousseau
- Hubertus Fischer
- Ed Brook

Members Rotated off the committee following best practice

- Paul A. Mayewski



## Medal committees evaluate the candidates ... ... and gets approval by council

**Milutin Milankovic Medal Committee 2020** (with one non medallist member, following best practice)

- Paul Valdes (Chair)
- Jacques Laskar
- David Hodell
- Marie-France Loutre
- Valérie-Masson Delmotte

Members rotated off the committee following best practice

- Axel Timmermann



# ECS & outreach report

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# Early career scientists in EGU

ECS-CL representative : Carole Nehme

ECS-CL co-representative : Gabriele Messori , Michael Deininger

ECS-CL outreach team : Celia Sapart, Caroline Jacques

## What is An Early Career Scientists (ECS)?

- 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.

## Important to know !!!

- Approximately 1/3 of 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.
- There are ECS awards at division & assembly level. Please check the nomination guidelines : <http://www.egu.eu/awards-medals/>



## Your ECS representative

- 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.
  - EGU BOOTH Thu 11<sup>th</sup> , 9h30-10h and 12h30-13h30
  - Send an email on [cl-ecs@egu.eu](mailto:cl-ecs@egu.eu)

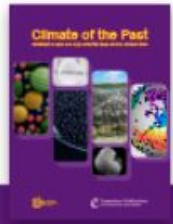


ECS  
About early career scientists (ECS)

# Journals with particular links to the division

(slides kept from last year)

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## Climate of the Past

An interactive open-access journal of the European Geosciences Union



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OPEN  
ACCESS



INTERACTIVE PUBLIC  
PEER REVIEW



ARTICLE LEVEL  
METRICS



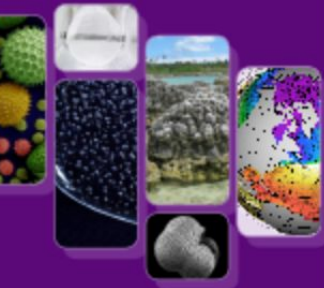
MODERATE ARTICLE  
PROCESSING CHARGES

**Co-editors-in-chief: Uwe Mikolajewicz, Denis-Didier Rousseau, Marit-Solveig Seidenkrantz & Eric Wolff**

Climate of the Past (CP) is an international scientific journal dedicated to the publication and discussion of research articles, short communications, and review papers on the climate history of the Earth. 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.

### Climate of the Past

An interactive open access journal of the European Geosciences Union



EGU

Copernicus Publications  
The European Open Access Repository

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/](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)



# 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:**

Axel Kleidon

Somnath Baidya Roy

Anders Levermann

Valerio Lucarini

Ning Zeng

**Twitter:** @EGU\_ESD

**Web:** [www.earth-system-dynamics.net](http://www.earth-system-dynamics.net)

# GEOCHRONOLOGY

Advances in geochronological science

Journal dedicated to cutting edge advances in geochronology, **unrestricted by time period or technique.**

Unique platform that will foster collaboration & the transfer of best practice **between different geochronological techniques.**

- Open access & open review
- Publication fees waived for the first 2 years
- Supported by EGU & Copernicus

## Executive Editors:

Philippa Ascough, Greg Balco, Georgina King,  
Andreas Lang & Klaus Mezger



*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**

Clarivate Analytics **IF 5-year 4.890**

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

▶ [Short summary](#)

Questions?

Talk to me ... or:

[gmd-executive-editors@mailinglists.copernicus.org](mailto:gmd-executive-editors@mailinglists.copernicus.org)

# Other EGU activities

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## Other EGU activities

- Galileo conferences
- Conference series
- Topical events
- Training schools
- Geosciences for Teachers (GIFT)
- Educational resources
- Outreach
- IMAGGEO ----->
- ... and more!



Bleeding Iceberg on the Eastcoast of Svalbard by Erik Kuschel



# General Assembly 2021

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**What will EGU GA2021 be? Let us know what you think ... -> [cl@egu.eu](mailto:cl@egu.eu) !!**

# Any other business?

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**CL Division  
feedback:**

**cl@egu.eu**

**ENJOY THE  
MEETING!**

<https://egu2020.eu/feedback.html>