

Marc De Batist and the SSP Division Officers 6 May 2020 | 12:45–13:45 | Online chat





- Welcome
- GA2020 | EGU2020 Sharing Geoscience Online
- Information on EGU Activities, Programs, Publications
- SSP Structure and Team 2020-2021: changes
- Early Career Scientists: Report from the ECS Rep
- SSP Awards
- GA 2020: SSP Sessions and co-organized sessions
- Information and News from the SSP Community



ABOUT ▼ ABSTRACTS & PROGRAMME ▼ SHARING GEOSCIENCE ONLINE ▼ REGISTRATION FEES ▼ MEDIA ▼ GUIDELINES ▼ 🖒 🔻

# SSP – Stratigraphy, Sedimentology & Palaeontology

- SSP1 General Sessions
- SSP2 Stratigraphy, Earth Systems History and Climate Geology
- SSP3 Sedimentology: processes, products, diagenesis
- SSP4 Palaeontology, Palaeoecology and Evolution of Life
- SSP5 Short Courses

#### **DM19**

Division meeting for Stratigraphy, Sedimentology and Palaeontology (SSP)

Convener: Marc De Batist Q

★ Join the chat Wed, 06 May, 12:45–13:45



Welcome to our Division Meeting... held online, using a text-based chat channel !!!



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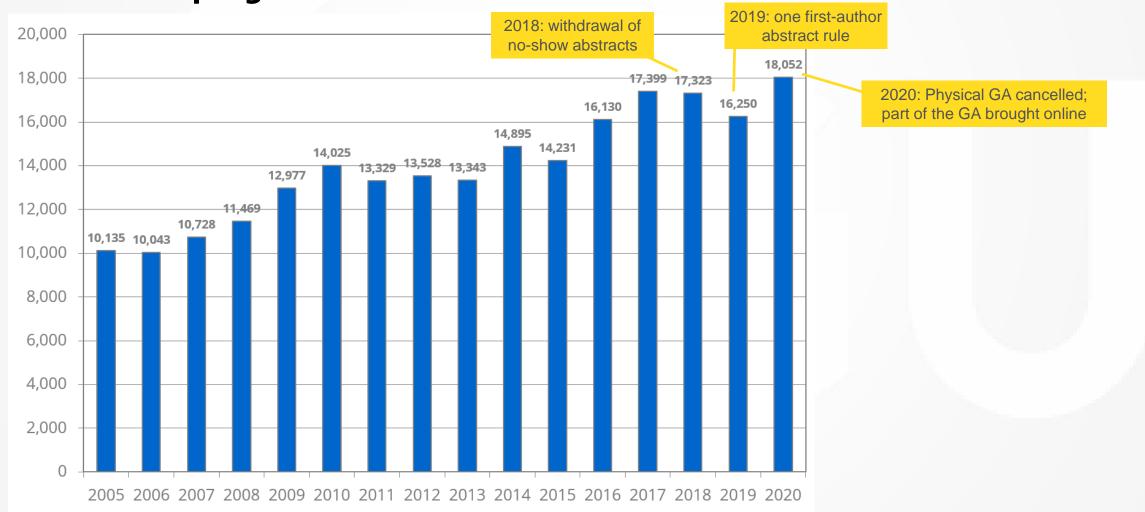


## GA2020 | EGU2020 Sharing Geoscience Online: statistics (as of 27 April 2020)

- 18,052 abstracts in program
   (of 18,760 abstracts initially submitted)
- no distinction between Orals, Posters or PICOs → Displays
- 702 unique online scientific sessions
   440 out of these 702 are co-organized (62.7%), thereof 37 ITS
- 6 online short courses
   (of 88 short courses initially proposed)
- 8,616 presentation materials uploaded (as of 4 May 2020)
- 2,063 comments to uploaded presentation materials received (as of 4 May 2020)



# **Abstracts in programme: 2005-2020**





## "EGU2020 Sharing Geoscience Online": New concept

COVID-19 = what should we do ??? Cancel or go online ?

- Go online! Because it is EGU's responsibility to help minimise the impact of COVID-19 on scientific research and collaboration
- Pilot experiment (please provide feedback !)

### Our considerations:

- Science submitted to the GA2020 can be presented and shared
- All authors and conveners can participate, across different time zones
- Sharing Geoscience Online is accessible (in terms of bandwidth, for anyone with hearing or visual difficulties)
- The concept works for all presentation types: oral, poster and PICO



## "EGU2020 Sharing Geoscience Online": New concept

The concept of Sharing Geoscience Online allows:

- Authors to upload display presentation materials and receive feedback on (between 1 April and 31 May 2020)
- Conveners, authors and attendees to discuss abstracts, presentation materials and open questions during a live, text-based chat (between 4 and 8 May)
- <u>Everyone</u> to participate in Union Symposia, Great Debates, Short Courses, Networking,
   Division Meetings, #shareEGUart, Photo Competition, and more...
- EGU to gather experience with online activities and use this experience in plans for reducing the environmental impact of future General Assemblies



## "EGU2020 Sharing Geoscience Online": New concept... in a very short time!

16 March Start developing concept for online activities

19 March Official cancellation of the physical GA

23 March First "Sharing Geoscience Online" webpages

31 March All presentations transformed to displays and all sessions to blocks of 30 displays

1 April Open for upload of presentation materials and commenting

16 April Open for upload of session materials

16 April Division Meetings scheduled

23 April Test of chat channels by Programme Committee

28 April Test chat channels open per Programme Group

4 May EGU2020 Sharing Geoscience Online goes live...



Kudos to Copernicus, the EGU President and Programme Committee Chair for setting this up so quickly!!



# "EGU2020 Sharing Geoscience Online": Code of conduct

- Participation in EGU2020: Sharing Geoscience Online implies agreement to EGU's Code of Conduct, <a href="https://www.egu.eu/about/code-of-conduct/">https://www.egu.eu/about/code-of-conduct/</a>
- The Code of Conduct is flagged when uploading materials, when commenting, when entering the chat
- Violations or concerns to be reported to <u>conduct@egu.eu</u>



## "EGU2020 Sharing Geoscience Online": Scientific Sessions

- 702 online sessions
- 18,052 displays
  - abstracts are listed on the <u>EGU2020 website</u> and on <u>EGUsphere.net</u>
  - abstracts have a doi and are distributed under CC BY 4.0 open-access license
- Authors may have uploaded display material and may have enabled online commenting
  - display material has same doi as the abstract
  - authors can decide for display materials if CC BY 4.0 can be applied or if restrictions are necessary
  - Display materials under CC BY 4.0 are listed on <u>EGUsphere.net</u> and remain online
  - Commenting is possible until 31 May 2020
- Online text-based chat channel per scheduled session



# "EGU2020 Sharing Geoscience Online": Union Symposia

- 5 interactive webinars discuss overarching and interdisciplinary topics of EGU-wide interest
  - US1 Best practices for scientific integrity and scientific freedom in an age of pandemics and beyond
  - US2 Geosciences and UN Sustainable Development Goals: pathways for the future
  - US3 The role and impact of fire in the Earth system across spatial and temporal scales
  - US4 Communicating A Global Climate Crisis: If our house is on fire, why haven't we called the fire brigade...?
  - US5 The future of Earth and Planetary Observations from Space



## "EGU2020 Sharing Geoscience Online": Great Debates

- 5 interactive webinars on current discussion topics in the geosciences
  - GDB1 Academic meritocracy: is it a challenge to women's careers?
  - GDB2 Managing our mineral resources for a sustainable future: The role of earth scientists
  - GDB3 Cutting carbon in the geosciences: conference participation versus online streaming and fieldwork versus remote observations
  - GDB4 Are forests a solution to climate change?
  - GDB5 Values versus facts: should geoscience get personal?



## "EGU2020 Sharing Geoscience Online": Short Courses

- 6 interactive and 5 prerecorded webinars as short courses
  - SC1.8 Deep Learning for Geosciences with MATLAB made easy
  - SC1.21 Using Copernicus data for Atmospheric Composition Applications
  - SC1.22 Using Copernicus Marine Data: Satellite data for ocean applications
  - SC1.23 EUMETSAT's Climate Data Records: Using satellite data for climate applications
  - SC2.2 Handling your data efficiently from planning to reuse tips and tools to save time and nerves
  - SC2.11 Short Course on Age Models and geochronology: An introduction to different age-depth modelling approaches
  - SC3.1 Open and FAIR Your Science
  - SC3.3 Rhyme Your Research
  - SC3.6 What is science for policy and how can you get involved?
  - SC3.16 Science blogging for beginners
  - SC4.5 Mind your Head



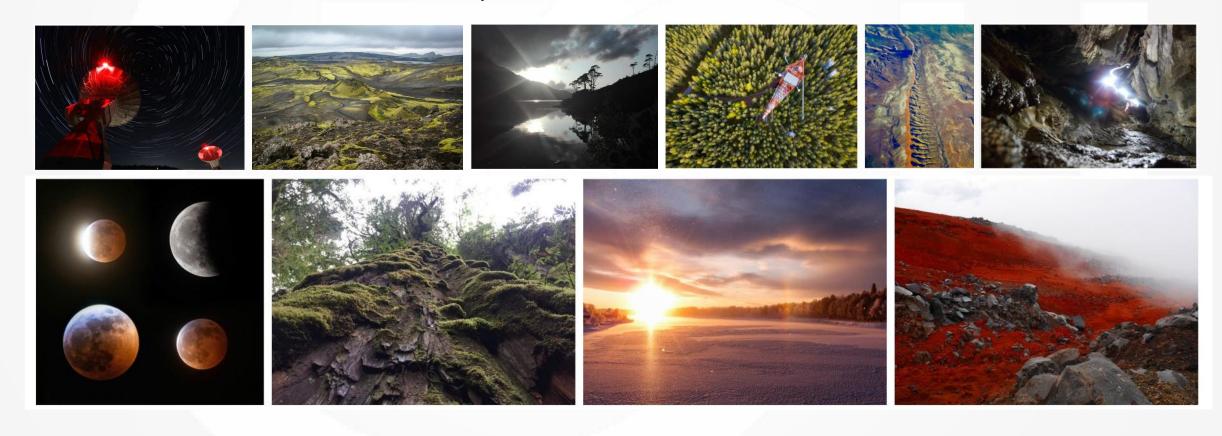
## "EGU2020 Sharing Geoscience Online": Townhall Meetings

- 4 Townhall Meetings, during which new initiatives and opportunities of geoscientific interest are discussed via live, text-based chat
  - TM4 Enhanced ESA-NASA Cooperation in Earth Observation
  - TM7 European research opportunities and priorities for the next generation of meteorological satellites
  - TM10 Coverage and Datacube Standards: Introduction, Status, and a Question
  - TM12 What will it take to get YOU to use SAR? A Conversation about Capacity Building in the Field of SAR Remote Sensing



# "EGU2020 Sharing Geoscience Online": Photo Competition

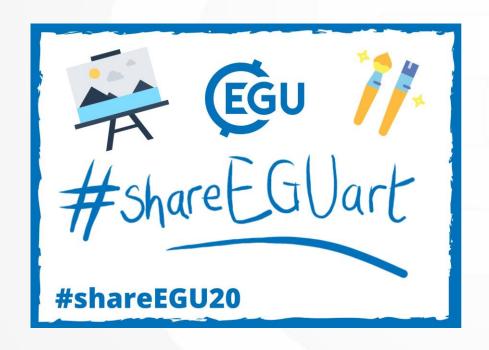
Vote in the online EGU Photo Competition





## "EGU2020 Sharing Geoscience Online": #shareEGUart

 Follow our online artists, Stacy Phillips and Priyanka Das Rajkakati, and share your own creativity around your research with the hashtag #shareEGUart







## "EGU2020 Sharing Geoscience Online": Networking Events

- Meet your colleagues... during 17 Networking Events !!! Some examples below:
  - NET3 Innovative geoscience communication: experience online-accessible virtual outcrops and 360 VR videos
  - NET4 The Skin of the Earth Where Life Meets Rocks
  - NET14 Networking with the ECS of the OS and SSP divisions
  - NET15 EGUpride at Sharing Geoscience Online
  - NET17 Closing party





# 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













## "EGU2020 Sharing Geoscience Online": EGU Today

**EGU2020: Sharing Geoscience Online** 

Monday, 4 May 2020



#### Highlights at a glance

- 08:30 PS4.2 Mars science and exploration; ITS1.7/SM3.5 Monitoring and On-site Verification for the Comprehensive Nuclear Test Ban Treaty
- 10:45 GDB3 Cutting carbon in the geosciences; GD1.1 Early Earth: dynamics, geology, chemistry and life
  in the Archean Earth
- 14:00 ITS1.11/OS1.14 Addressing scientific and socio-economic challenges in the North Atlantic; OS4.4
   Tides of the past, present and future; ITS2.4/HS12.1 From the source to the sea river-sea systems
   under global change
- 16:15 US1 Best practices for scientific integrity and freedom in an age of pandemics and beyond;
   EOS9.1 Social science meets geoscience

#### Welcome message from the EGU President

I am enjoying a positive feeling while I am writing these words to open EGU2020: Sharing Geoscience Online. In my opinion, a positive attitude is the best way to pay a tribute to the persons – including some colleagues and friends – who lost their lives due to COVID-19. It is in their memory that we are looking to the future and making an effort to transform this crisis into an opportunity.

Indeed, the pandemic is a formidable lesson to geoscientists to improve our understanding and management of global threats. It has been particularly significant to me to see the importance of open information to manage the current crisis: sharing data allows humanity to efficiently achieve scientific advances. Openness and transparency – concepts that have always been championed by the EGU – turned out to be essential ingredients.



## GA Activities that were initiated but could not be implemented

Green EGU:

https://egu2020.eu/about\_and\_support/green\_egu.html

...but we are of course much greener now than we could ever have been with a physical GA in Vienna, regardless of whatever measures we would have implemented!

Accessibility and Inclusiveness:

https://egu2020.eu/about\_and\_support/accessibility\_and\_inclusiveness.html



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## **EGU Elections**

### EGU President 2021–2023

Helen M. Glaves was elected to serve as EGU President for the term 2021–2023.

She will be inaugurated during the GA2020, serving first as EGU Vice-President (President-Elect) for one year. She will then serve as EGU President for two years (2021–2023) and finally as Vice-President (Past-President) for the fourth year.





Congratulations !!!

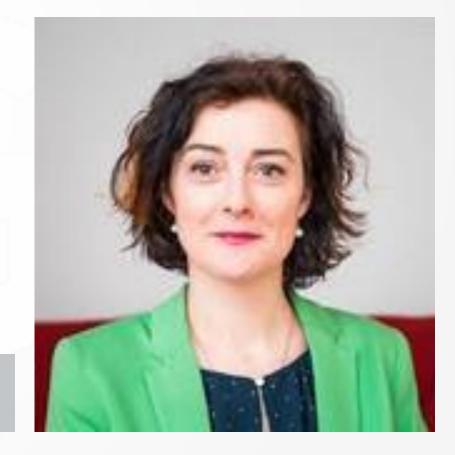


## **EGU Elections**

## **EGU General Secretary 2020–2022**

Giuliana Panieri was elected as the EGU General Secretary for the term 2020–2022.

She will be inaugurated during the GA2020.





Congratulations !!!



## **GA2021 timeline** (working version)

1 – 19 Jun 2020

24 Jun – 15 Aug 2020

24 Jun – 11 Sep 2020

16 Sep – 14 Oct 2020

14 Oct 2020 - not fixed

1 Dec 2020

13 Jan 2021

Sub-programme structure (call-for-skeleton)

Public call for Great Debates (GDB) and Union Symposia (US)

Public call-for-sessions, incl. Short Courses (SC)

Session programme finalization

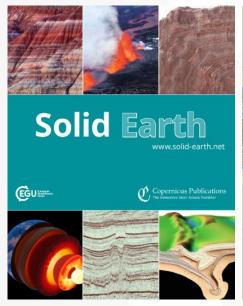
PC Meeting (online)

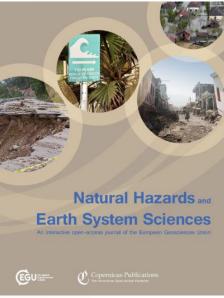
Support application deadline

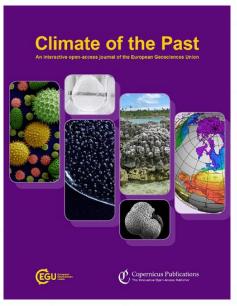
Abstract submission deadline



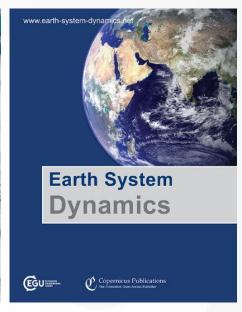
# **EGU Journals | Open Access**





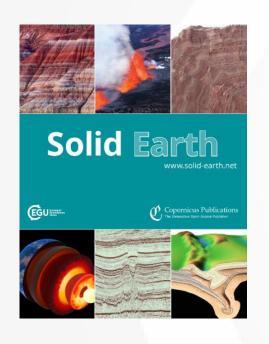








## **Solid Earth**







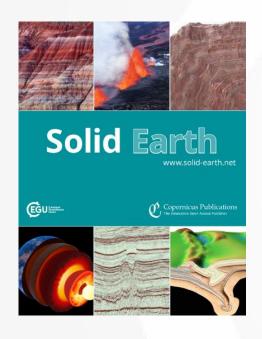
Executive editors: CharLotte Krawczyk (chief executive editor), Susanne Buiter,
Joachim Gottsmann, Federico Rossetti & Elias Samankassou
Advisory board: Sierd Cloetingh (chairman), Jean-Pierre Brun, Donald B. Dingwell, Bilal Haq,
John Ludden, Hans Thybo & Trond H. Torsvik

Solid Earth (SE) publishes multidisciplinary research on the composition, structure, and dynamics of the Earth from the surface to the deep interior at all spatial and temporal scales.

open access as basic principle interactive discussion papers



## **Solid Earth**



#### **Executive editors**

#### CharLotte Krawczyk (chief executive editor)

GFZ German Research Centre for Geosciences Telegrafenberg D-14473 Potsdam Germany



#### Federico Rossetti

Università Roma Tre, Dipartimento di Scienze Largo S. L . Murialdo, 1 00146 Roma Italy



#### Susanne Buiter

Geological Survey of Norway Norway



#### Elias Samankassou

University of Geneva, Department of Earth Sciences Rue des Maraichers 13 CH-1205 Geneva Switzerland



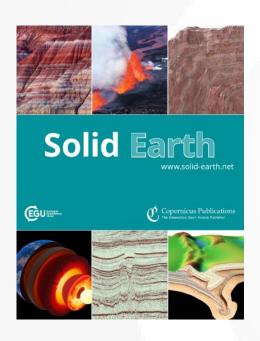
#### Joachim Gottsmann

Univ. of Bristol, Dep. of Earth Sciences United Kingdom





## **Solid Earth**



**Solid Earth** is doing well, with increasing numbers of manuscript submissions, except in the field of Paleontology

**Solid Earth** is encouraging Special Issues (from "EGU2020 Sharing Geoscience Online")

Contact: elias.samankassou@unige.ch

A first Special Issue is already planned on "Linking sedimentary structures and bedforms with flow dynamics" (session SSP3.5).

For those interested to contribute, contact: <a href="mailto:guilhem.douillet@geo.unibe.ch">guilhem.douillet@geo.unibe.ch</a>



## **EGUsphere | Open Access Preprint Server**

EGU and Copernicus launched <u>EGUsphere.net</u>, a new online open-access platform designed to promote global networking and open discussion within the Earth, planetary and space science community.

EGUsphere will serve as central repository for all contributions, presentations and manuscripts

presented to EGU:

 abstracts and uploaded display materials from the GA and other EGU meetings;

- standard preprints;
- preprints that are being peer reviewed through the innovative, open-access process that EGU has pioneered





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## **Division SSP 2019-2020**

President Marc De Batist

Deputy President Stéphane Bodin

Program Group/Science Officers

Stratigraphy Stéphane Bodin will be stepping down

**Ian Jarvis** 

Sedimentology Guilhem Amin Douillet

**Stephen Lokier** 

Paleontology Thijs Vandenbroucke

**Cinzia Bottini** 



## Division SSP 2019-2020 (continued)

ECS Representative Madeleine Vickers

John Counts (alternate) will be stepping down

## Jean-Baptiste Lamarck Committee

Chair Helmut Weissert

Member former medalist Isabel P. Montañez

Member former medalist **Jim Best** 

Member former medalist Paul Wignall will be rotating off

ECS Member Guilhem Douillet

SSP-Blog editor Alena Ebinghaus



## **Division SSP 2020-2021**

President Marc De Batist

Deputy President Stéphane Bodin

Program Group/Science Officers

Stratigraphy Jorijntje Henderiks

**Ian Jarvis** 

Sedimentology Guilhem Amin Douillet

**Stephen Lokier** 

Paleontology Thijs Vandenbroucke

**Cinzia Bottini** 

re-elected until 2023

to be approved by Division



## **Division SSP 2020-2021** (continued)

ECS Representative Madeleine Vickers

Alicia Fantasia (alternate) to be approved by Division

in conformity with procedure

Jean-Baptiste Lamarck Committee

Chair **Helmut Weissert** 

Member; former medalist Michael Benton

Member; former medalist **Isabel P. Montañez** 

Member; ECS Guilhem Douillet

SSP-Blog editor Alena Ebinghaus



## Changes in the SSP Team: to be confirmed at the SSP Division Meeting

Science Officer: Stratigraphy

Jorijntje Henderiks to be approved by Division

**ECS** Representative

Alicia Fantasia to be approved by Division

Former medalist member of the Jean-Baptiste Lamarck Committee

Michael Benton in conformity with procedure (new medalists comes in and

stays on the committee for 3 years, then rotates off



#### **Division SSP 2020-2021**

Candidate for Science Officer: Stratigraphy

### **Jorijntje Henderiks**

Professor of Marine Micropaleontology, Uppsala University

<u>Research</u>: Dynamic interactions between climate and the biosphere, on both short and longer timescales. Crossdisciplinary collaborations are important in this effort. <a href="https://katalog.uu.se/profile?id=N9-1032\_1">https://katalog.uu.se/profile?id=N9-1032\_1</a>





We will have a Division decision on this candidacy during the online chat...



#### **Division SSP 2020-2021**

Candidate for ECS Representative

#### **Alicia Fantasia**

Postdoctoral researcher, Aarhus University

Research: Sedimentology; Sediments; Geology; Mineralogy;

Geochemistry; Field Geology; Geological Mapping;

Stratigraphy; Minerals; Sedimentary Geochemistry.

https://www.researchgate.net/profile/Alicia\_Fantasia





We will have a Division decision on this candidacy during the online chat...





## **Early Career Scientists: Report from the ECS Rep**





# **SSP ECS team**



Madeleine Vickers, current ECS rep



John Counts, co-ECS rep (stepping down)



Alena Ebinghaus Stepped down as ECS last GA (2019) Still maintains SSP



Alicia Fantasia, proposed co-rep

Still looking for a (social) media manager

blog



# GA 2019 and this year

#### **GA 2019**

- SC organised Alena Ebinghaus
- John and I organised a lunch for SSP ECSs
- Sedimentology networking evening organised by Guilhem encouraging ECS presence

### **During the year**

- Blog updated by Alena regularly
- Twitter updated by Madeleine Vickers
- Facebook updated by Julia Gezatt and others







# GA 2020 and beyond

- Most GA2020 activities cancelled due to GA being virtual (SC "How to convene a session"; ECS lunch, GA Yoga Session from Work-Life Balance Working Group)
- ECS Virtual Networking Event:

https://ucph-

ku.zoom.us/my/egu20.os.ssp.ecs

### **Looking forward**

- Expand SSP ECS rep team?
- Want to designate someone responsible overall for SSP media
- Funding for an ECS lunch during GA 2021 will contact various companies who
  might want to support this (usually can get some money this way)





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### **Jean-Baptiste Lamarck Medal**

Established by the SSP Division in recognition of the scientific achievements of Jean-Baptiste Lamarck

Awarded for exceptional contributions to (alternately) stratigraphy, sedimentology or palaeontology





### **Jean-Baptiste Lamarck Medal 2020**

Michael J. Benton

Department of Earth Sciences
University of Bristol, UK



..."in recognition of his outstanding contributions to vertebrate palaeontology, to palaeobiology and to macroevolution across times of extreme environmental change"

The Jean-Baptiste Lamarck Medal Lecture 2020 has been postponed until GA2021



### **Outstanding ECS Award**

The Division Outstanding Early Career Scientists (ECS) Award recognizes scientific achievements in the field covered by the related division, made by an early career scientist.



### **Outstanding ECS Award 2020**

Anna Joy Drury

Department of Earth Sciences
University College London, UK



..."for her fundamental contributions to research on Miocene stable isotope stratigraphy, palaeoceanography and climate evolution"

The Outstanding ECS Award Lecture 2020 has been postponed until GA2021



#### **OSPP Award**

In relation with its GAs, EGU presents the Outstanding Student Poster and PICO (OSPP) Awards:

- to further improve the overall quality of poster and PICO presentations, and
- to foster the excitement of younger colleagues in presenting their work in the form of a poster or a PICO (Presenting Interactive COntent).

The OSPP awards are presented at the level of the EGU Programme Groups.



### **OSPP Award 2019**

Florian Pohl
Department of Earth Sciences
Utrecht University, the Netherlands



..."for the poster/PICO entitled: "First measurement of a flow mechanism responsible for enhanced erosion in channel-lobe-transition zones (Pohl, F., Eggenhuisen, J., Tilston, M. & Cartigny, M.)"



#### **OSPP Award 2019**

Theresa Nohl

Department of Department of Palaeobiology Friedrich-Alexander-University of Erlangen-Nürnberg, Germany



..."for the poster/PICO entitled: "Implications for cyclicity-based stratigraphic dating from the selective compaction and cementation of a halysitid coral from the Silurian of Gotland (Sweden) (Nohl, T. & Munnecke, A.)"



### Jean-Baptiste Lamarck Medal | Call for nominations for 2021

2021: Sedimentology
Nominations until **15 June 2020** 

www.egu.eu/awards-medals/nominations/





### **Outstanding ECS Award | Call for nominations for 2021**

All SSP disciplines
Nominations until **15 June 2020**Gender balance!

www.egu.eu/awards-medals/nominations/



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### GA 2020: SSP Sessions and co-organized sessions: numbers and statistics

### **GA/SGO2020**

69 sessions submitted

48 sessions scheduled

16 SSP

32 co-organized

1,182 abstracts submitted

1,139 abstracts/displays scheduled

404 SSP

735 co-organized

#### **GA2019**

43 sessions scheduled

15 SSP

28 co-organized

933 abstracts scheduled

317 SSP

616 co-organized

404 abstracts with display material 183 display material with comments

(as of 5 May 2020) (as of 5 May 2020)



### SSP1 - General Sessions

### **GA/SGO2020**

16 sessions scheduled

8 SSP

8 co-organized

372 abstracts scheduled

194 SSP

178 co-organized

#### GA2019

6 sessions scheduled

3 SSP

3 co-organized

118 abstracts scheduled

58 SSP

60 co-organized

more than 3-fold increase in submitted abstracts relative to last year



SSP2 - Stratigraphy, Earth Systems History and Climate Geology

#### **GA/SGO2020**

15 sessions scheduled

5 SSP

10 co-organized

352 abstracts scheduled

102 SSP

250 co-organized

#### GA2019

14 sessions scheduled

5 SSP

9 co-organized

337 abstracts scheduled

113 SSP

224 co-organized

± status quo or slight increase, but mostly in abstracts submitted to co-organized sessions



SSP3 - Sedimentology: processes, products, diagenesis

#### **GA/SGO2020**

15 sessions scheduled

4 SSP

11 co-organized

366 abstracts scheduled

72 SSP

294 co-organized

#### **GA2019**

19 sessions scheduled

4 SSP

15 co-organized

403 abstracts scheduled

85 SSP

318 co-organized

decrease in sessions (mostly in co-organized sessions) and in abstracts submitted



SSP4 - Palaeontology, Palaeoecology and Evolution of Life

#### **GA/SGO2020**

2 sessions scheduled

1 SSP

1 co-organized

49 abstracts scheduled

36 SSP

13 co-organized

#### GA2019

4 sessions scheduled

3 SSP

1 co-organized

75 abstracts scheduled

61 SSP

14 co-organized

important decrease in sessions (mostly SSP sessions) and in abstracts submitted to SSP sessions



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## **Information and News from the SSP Community**



