



Atmospheric Sciences (AS)

Division Meeting 2020

Athanasis Nenes

EGU General Assembly | 4th-8th of May 2020



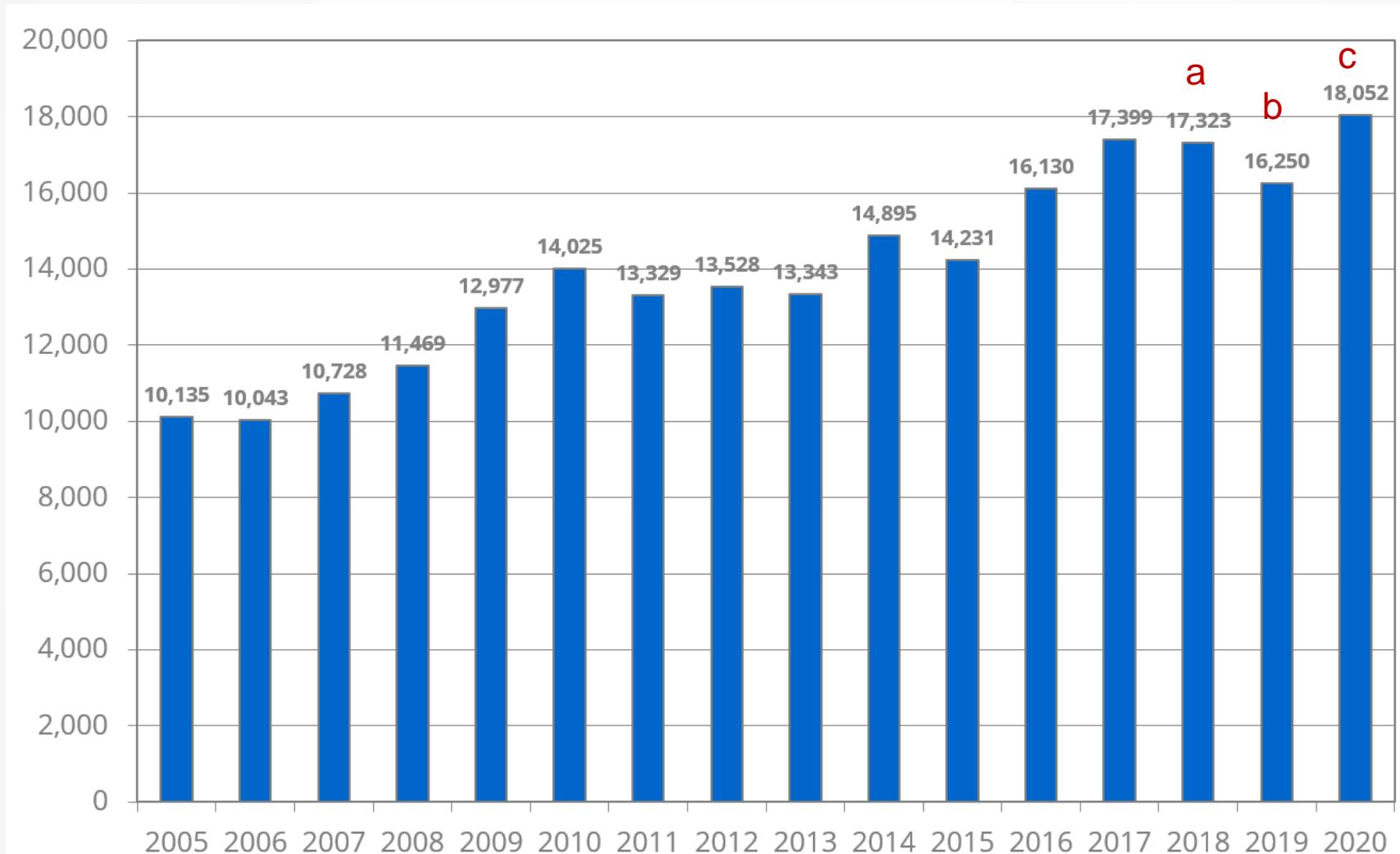
AS Division meeting agenda

1. EGU GA in 2020
2. AS at EGU GA in 2020
3. Sharing Geosciences Online (SGO), #shareEGU20 – Code of conduct
4. AS Medalists and awards
5. Outreach & Early Career Scientists
6. AS President, Deputy President and Structure
7. 2020-2021 EGU Governance Review
8. EGU Topical Events, Outreach, Education and Journals
9. Future Assembly & Feedback

GA2020 statistics (at 6 May 2020)

- 18,009 abstracts in programme | +11% relative to 2019
- 702 unique scientific sessions
- 440 out of 702 scientific sessions are co-organized (62.7%), thereof 37 ITS
- 6 out of the 88 planned short courses now online
- 8,616 presentation materials uploaded
- 2063 comments to uploaded presentation materials received

Abstracts in the programme 2005 – 2020



- a) 2018: withdrawal of no-show abstracts
- b) 2019: one first-author abstract rule
- c) 2020: physical GA cancelled 19 March; GA moved online

2017: 1.699 AS-led session abstracts

2018: 1.863 AS-led session abstracts

2019: 1.835 AS-led session abstracts

2020: 1.819 AS-led session abstracts (2.3% decrease relative to 2019)

60 AS-led sessions and 22 co-organized sessions (~32 abstracts per session on average).

PICOs were in blocks of 15 presentations.



- Online? Yes! Because it is EGU's responsibility to help minimise the impact of COVID-19 on scientific research and collaboration
- A real experiment (we would like feedback!) that was put in place in 6 weeks.
- Free registration, open to the whole world
- Our considerations:
 - Science submitted to the GA 2020 presented and shared
 - Authors and conveners can participate from anywhere.
 - SGO is accessible to all, regardless of connection bandwidth or with hearing or visual difficulties.
 - All presentation types (oral, poster, PICO) are now treated as equal, and called "display".



Sharing Geoscience Online allows:

- Authors to upload presentation materials and receive feedback on those from 1 April to 31 May 2020)
- Conveners, authors and attendees to discuss abstracts, presentation materials and submit questions during a dedicated live, text-based chat session (4 – 8 May)
- Everyone to participate in Union Symposia, Great Debates, Short Courses, Networking, Division Meetings, #shareEGUart, Photo Competition, Data Help Desk and more
- EGU to gather experience with online activities and use these in plans for reducing the environmental impact of the General Assembly



What is on during Sharing Geoscience Online?

- **Scientific sessions:** download presentation materials, discuss through public commenting, and participate in live text-based chats. More information on the [scientific sessions' page](#).
- **Union symposia:** 5 interactive webinars discuss overarching and interdisciplinary topics of EGU-wide interest.
- **Great debates:** join in the debate of 5 current discussion topics in the geosciences.
- **Short courses:** each day one or two short courses are available as webinars.
- **Townhall meetings:** join in the discussion of new initiatives and opportunities of geoscientific interest via live, text-based chat.
- **Photo Competition:** vote in the online EGU Photo Competition.
- **#shareEGUart:** follow our online artists, Stacy Phillips and Priyanka Das Rajkakati, and share your own creativity around your research with the hashtag #shareEGUart.
- **Division meetings:** update yourself on division news and give feedback.
- **Networking events:** meet your colleagues.

What is Sharing Geoscience Online?

EGU2020: Sharing Geoscience Online (#shareEGU20) brings part of the activities of the EGU General Assembly 2020 online. From 4 to 8 May 2020 (CEST) everyone can join us for their favourite sessions. Please have a look on our [EGU2020: Sharing Geoscience Online page](#) and follow EGU's social media accounts and hashtags for more information.

Participation in EGU2020: Sharing Geoscience Online does not require payment of a registration fee. For uploads of presentation materials and commenting, authors and participants only need to have a [Copernicus user account](#). Viewing abstracts and presentation materials does not require any authentication. Participating in text-based session chat channels requires the provision of a nickname and your email address. To organize your participation, please consider preparing your [personal programme](#). To learn more about the chat channels, please see our page on [how to use the chats](#).

Useful links

- [EGU2020: Sharing Geoscience Online at a glance](#)
- [FAQs on participating in Sharing Geoscience Online](#)
- [Scientific sessions for authors, conveners, and attendees](#)
- [How to use the chats](#)

[Presentation upload & management](#)

EGU's Code of Conduct

Participation in EGU2020: Sharing Geoscience Online implies agreement to [EGU's Code of Conduct](#). If you experienced infringements against these rules please contact conduct@egu.eu.

Code of Conduct

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

AS Division Awards and Medals

- **Vilhelm Bjerknes Medal**
- **AS Division Early Career Scientist Award**
(is also nominated for the Union Arne Richter Award for Outstanding Early Career Scientist)
- **EGU Outstanding student poster and PICO (OSPP) award**

Wilhelm Bjercknes Medal 2019

Michael Prather (University of California – Irvine)



“... groundbreaking developments in chemistry - transport modelling, establishing a theoretical framework to elucidate the role of reactive species in climate forcing, and improving environmental policy.”

EGU Medals and Awards

2020 nominations

SUBMISSION DEADLINE: 15 June 2020

- Nomination letter (1 page)
 - CV (2 pages)
 - Selected biography (2 pages)
- Support letters (3 to 5, 1 page each)

Submission procedures and nomination details are provided at
the EGU web site:

www.egu.eu/awards-medals

Vilhelm Bjerknes Medal Committee (for 2020)

Chair:



John Plane
(winner 2017)

Members:



Jos Lelieveld
(winner 2019)



Oksana Tarasova
(former AS Division
president)



Pinhas Alpert
(winner 2018)

AS Division

Early Career Scientist Award 2019

Meng Gao (Hong Kong Baptist University)



“... for original contributions to the understanding of haze pollution formation in highly polluted regions and its interactions with climate.”

Early Career Scientist Award

2020 nominations

SUBMISSION DEADLINE: 15 June 2020

AS Division may select/award ONE person.

www.egu.eu/awards-medals

- Nomination letter (1/2 page)
 - CV (1 page)
- Selected biography (1/2 pages)

Early Career Scientist:

By 1 January of year award presented:

be an undergraduate or postgraduate student, or received his/her degree within last 7 years

[Where appropriate, up to one year of parental leave may be added per child.]

EGU Outstanding Student Poster and PICO (OSPP) award 2019

2 main targets:

- To foster the excitement of younger colleagues in presenting their work in form of a poster or PICO.
- To further improve the overall quality of poster and PICO presentations



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

(note: no awards given in 2020)

OSPP contest
coordinator in AS
Ali Hoshyaripour

EGU Outstanding Student Poster and PICO (OSPP) award winners 2019

- **Ashish Kumar:** *Speciation of 49 C2-C10 NMHCs during the post-harvest paddy residue fire emission period in the N.W. Indo Gangetic Plain using Thermal Desorption Gas Chromatography Flame Ionization Detection (TD-GC-FID)*
- **Felipe Lobos Roco:** *Evapotranspiration (ET) enhanced by advection in the Atacama Desert, ET-DATA field experiment*
- **Iris Thurnherr:** *How air-sea interactions are modulated by synoptic weather systems: a stable water isotope perspective*
- **Katrin Müller:** *Balloon-borne Tropospheric Ozone Measurements from a New Station in Palau (Tropical W.Pacific)*
- **Lejish Vettikkat:** *Quantification of BVOC emission flux from *Swietenia macrophylla* King using a Dynamic Branch Cuvette and PTR-MS*
- **Roland Rohloff:** *Measurements of HO_x in the outflow of convective systems*



Alfred Wegener Medal and Honorary Membership 2020

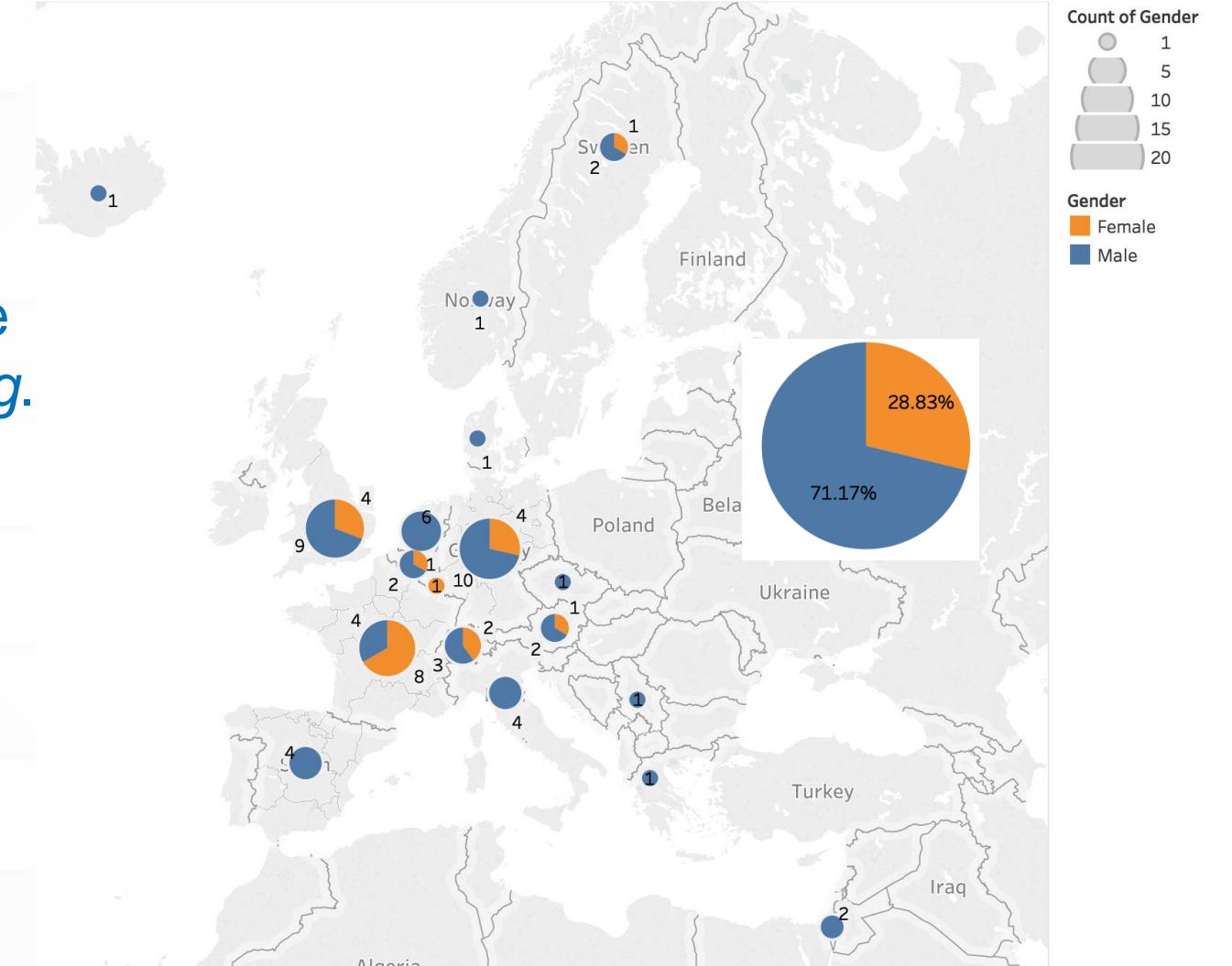
Ingeborg Levin (Heidelberg University)



“... for fundamental contributions to our present knowledge and understanding of greenhouse gases in the atmosphere, including the global carbon cycle. ...”

UNION & DIVISION MEDAL NOMINATIONS

- Very few nominations some counties *completely missing*.
- Mostly men (with few exceptions).
- Please nominate your colleagues!
- Don't be shy to ask colleagues to nominate you



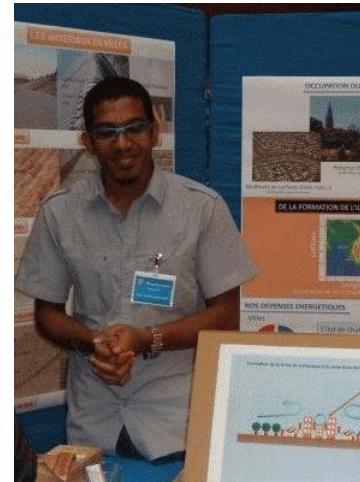
Outreach activities within Atmospheric Sciences Division

AS Web page: as.egu.eu



Heiko Bozem, AS Web master

EGU AS Blog (blogs.egu.eu/divisions/as)



Dasaraden Mauree
(until 8/20)



Ali Hoshyaripour

**** OPENING (immediate): EGU AS Blog, Send nominations to as@egu.eu**

EGU Early Career Scientists

(www.egu.eu/ecs/)

ECS represent ~50% of the people attending the GA

Goals of EGU:

- Help ECS build a network
- ECS representation at EGU PC and Council
- Push ECS to be more involved in scientific life at EGU
- Encourage ECS to convene session

Outreach committee: mentoring program continues!
(www.egu.eu/outreach/mentoring/)

More mentors are needed!

Highlights from GA 2019 and/or since

1. One short course co-organised by the current ECS-AS rep (Fernando Iglesias-Suarez¹) in collaboration with other divisions at the GA 2019.
2. New elected ECS-AS rep (Mengze Li²) for the 2021-2022 mandate.
3. ECS-AS outreach team: Mengze Li² (Twitter: @EGU_Atmos), Fei Luo³ (blogging), Nuria Benavent⁴ (Instagram: @eguasd) and David Garcia⁵ (Facebook: @eguasd).

#shareEGU_Atmos

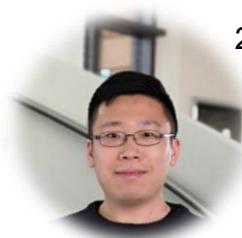
Plans for GA 2020

1. Attendance to the ECS Pre-GA Planner Meeting (02/05/20).
2. ECS-AS Virtual Reception. It was held on Wednesday (06/05/20) from 8-9pm via Zoom (see details on social media).

Any issues or support needs?

- People find difficult to get involved in the ECS-AS activities (time constraints).

ECS-AS team:



ECS : We Need You in Our Team!

Feeds about:

- Extraordinary events interesting for public
- Research highlights in plain language
- Tell your research story



- » **Follow** us: Facebook, Instagram ([@eguasd](https://www.instagram.com/eguasd)), Twitter ([@EGU_Atmos](https://twitter.com/EGU_Atmos)),
- » **Subscribe** to the AS ECS email list on www.egu.eu/as/home/
- » **Contact** us: ecs-as@egu.eu

Contact Mengze Li (ECS rep) for more information: ecs-as@egu.eu

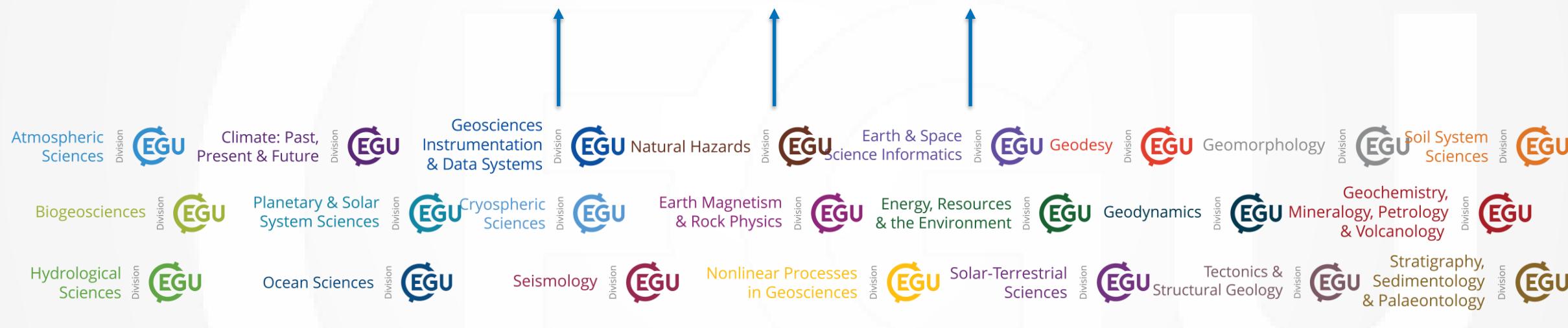
Council

Executive board: president, vice-president, treasurer, general secretary, executive secretary (ex-officio)

22 Division presidents

8 Committee chairs (ex-officio)

ECS Union level representative (ex-officio)



EGU Members

EGU AS in 2020

AS president:

Athanasis Nenes



AS president 2019-2021

AS Deputy president:

Annica Ekman



AS president 2015-2019

AS Division Structure

President

Athanasiос Nenes

Deputy President

Annica Ekman

Science Officers

Rune Grand Graversen

Meteorology

Hinrich Grothe

Atmospheric Chemistry and Aerosols

Jordi Vila

Boundary Layer Processes

John M. C. Plane

Heiko Bozem

Oksana Tarasova

Yafang Cheng

Ali Hoshyaripour

Heiko Bozem

Awards & Medals

News

Outreach & Education

Division Liaison

OSPP Coordinator

Webmaster

ECS Representative

Mengze Li

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



EGU2020: Sharing Geoscience Online | May 2020

Meetings | Publications | Outreach | www.egu.eu

EGU Governance Review: *Objectives*

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](#)

EGU Governance Review Scope: *Timescales & Contact*

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

EGU Outreach

- EGU Newsletter
- News and Media (e.g. Press conferences at the EGU)
- Blogs and social media
- Science policy events
- Networking opportunities
- EGU TV
- EGU GA Mentoring Programme
- Public engagement grants
- EGU Public lectures.

www.egu.eu/outreach/

EGU Topical Events

- **EGU Galileo Conferences:** address well-focused cutting-edge topics at the frontier of geosciences research. Submission periods are usually from 1st of December until end of February of the following year
- **Conferences series:** EGU currently sponsors 7 conference series related to EGU divisions.
- **Training schools** (formerly: co-sponsored events): 17 training schools supported in 2019. Call for 2020 will open 1st of June.

EGU Education

- Geosciences Information for Teachers (GIFT) workshops.
- Collaborative workshops – for teachers and university students.
- Planet press – geoscientific news for children.
- Teacher's corner – teaching resources in geosciences.
- GeoLocations Database – geological locations across Europe.

Communication at the General Assembly

EGU Today

- Daily newsletter highlighting scientific sessions, short courses and other activities at the Assembly
- This year: available at www.egu.eu/egutoday/ and through the GA app **Blogs**
- GeoLog, the EGU Blog Network & EGU Division Blogs will be sharing great sessions, research, interviews and more throughout the Assembly
- Follow them at geolog.egu.eu and blogs.egu.eu

Social Media

- Sessions will be advertised on Twitter (@EuroGeosciences, @EGU_AS) and Facebook (**European Geosciences Union, EGU Atmospheric Sciences Division**)
- For behind the scenes access follow us on Instagram (@EuroGeosciences, @eguasd)
- Participants can keep updated by following the meeting hashtag #shareEGU20, #shareEGU_Atmos

EGU Open Access journals related to AS Division

Atmospheric Chemistry & Physics (ACP)

Impact factor 5.5



Atmospheric Measurement Techniques (AMT)

Impact factor 3.2



Annales Geophysicae (ANGEo)

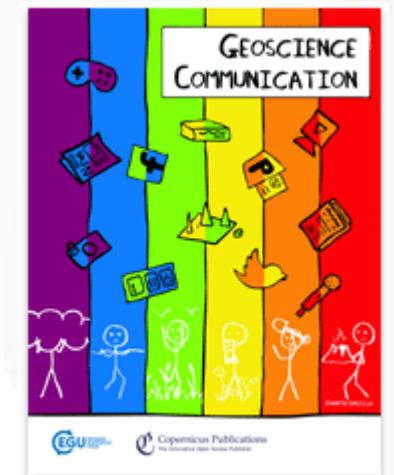
Impact factor 1.6

Geoscientific Model Development (GMD)

Impact factor 4.3

14 more journals on Biogeosciences, Climate, Cryosphere, Earth System Dynamics, Hydrology, Natural Hazards, Oceans, Soil ...

New Journal!
Geoscience
communication





**Please
Give Us
Feedback!**

www.egu2020.eu/feedback

Open until 31.05.2020

Now: DM Chat

**AS Division feedback:
e-mail: as@egu.eu**



See you next year!

EGU General Assembly 2021, 25-30 April



Meetings | Publications | Outreach | www.egu.eu