

Athanasios Nenes, AS President; Philip Stier, AS Deputy President

#EGU23 General Assembly | 25 April 2023





AS Division meeting agenda

- Abstracts, sessions, and registration numbers
- Awards and Medals
- OSPP Awards
- ACP Awards
- Early-Career Scientists: Leadership, Activities and Events
- Science & Policy Networking Events
- Equality, Diversity and Inclusion (EDI) Events
- AS President, Deputy President and Structure
- FAQs, Future Assembly & Feedback



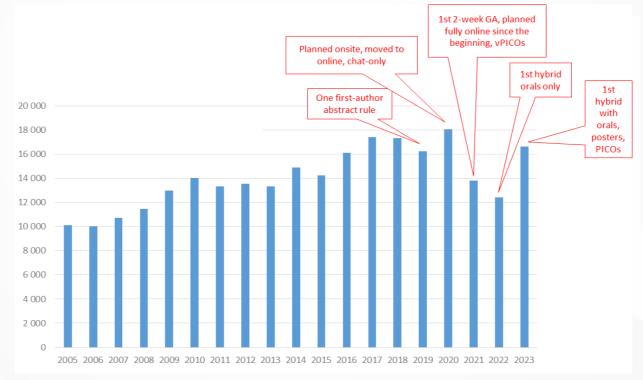
Report from PC

- Our goal: to transition to a stable fully hybrid format of the General Assembly, taking into consideration inclusivity and sustainability wherever possible and responding to the main scientific challenges of geosciences worldwide
 - Successful call for abstracts:

16,646 active scheduled abstracts (as of 12 April)

History:

16,995 submitted 16,807 scheduled 16,604 (on 17 Apr) 16,469 (on 23 Apr)





Maria-Helena Ramos PROGRAMME COMMITTEE CO-CHAIR



Athanasios Nenes
PROGRAMME COMMITTEE
CO-CHAIR



Jane Roussak

EVENTS CO-ORDINATOR

Number of Active Abstracts 2005-2023



EGU23 Registration Statistics (as of 17 Apr)

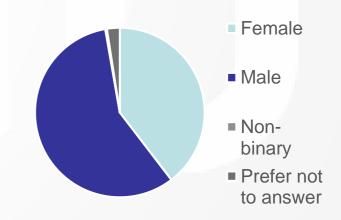
- 16,604 active scheduled abstracts
- 15,319 total registrations (13,287 on-site / 2,032 virtual)

17,234 (as of 23 Apr)

~13% of total participants registered for virtual participation

14,644 on-site / 2,590 virtual (15%)

- ~ 40% of total participants are PhD candidates, Master or Undergraduate students (~ 25% participating virtually)
- ~ 5% of registered participants from low- & lower-middle income countries (approx. equally distributed onsite & virtual participation)
- Gender: male (~ 57 %) and female (~ 39 %), with less difference between percentages for virtual participation

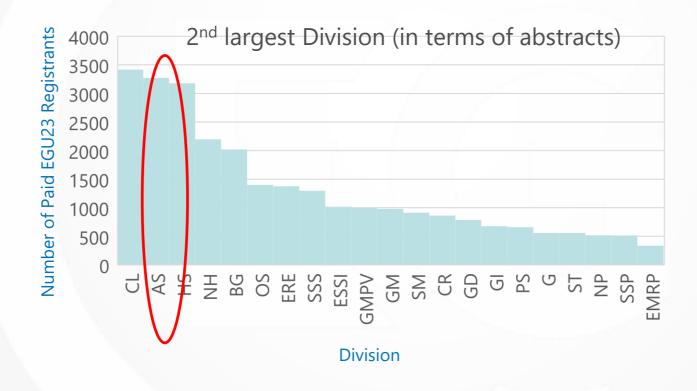




EGU Division Affiliation of Paid Registrations

(as of 12 Apr)

(note: a participant can choose more than one division of affiliation)





Vienna, Austria & Online | 23-28 April 2023

EGU23 Session Statistics (as of 12 Apr)

- 925 active sessions:
 - 629 division-led sessions, of which 25 ITS sessions
 - 14 Education and Outreach Sessions (EOS) + GIFT workshop
 - 51 Short Courses + 2 Artist in Residence workshops
 - 39 Medal and Award Lectures
 - 5 Union Symposia and 6 Great Debates
 - 114 Townhall & Splinter meetings scheduled
 - 52 sessions (incl. 4 SC) co-sponsored by sibling organizations
- ECS Networking, Science for Policy, and EDI Committee events

939 (on 23 Apr),

E.g.. Inclusion of "Meet the EGU" sessions)

Last minute session:

SM1.6 EDI

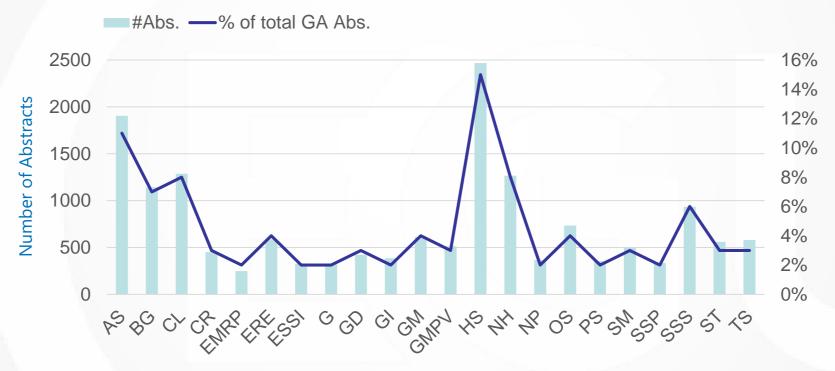
The destructive earthquake sequence of February 06, 2023, in south-central Türkiye

More on: https://www.egu23.eu/



EGU23 Abstracts per Programme Group

(as of 12 Apr)



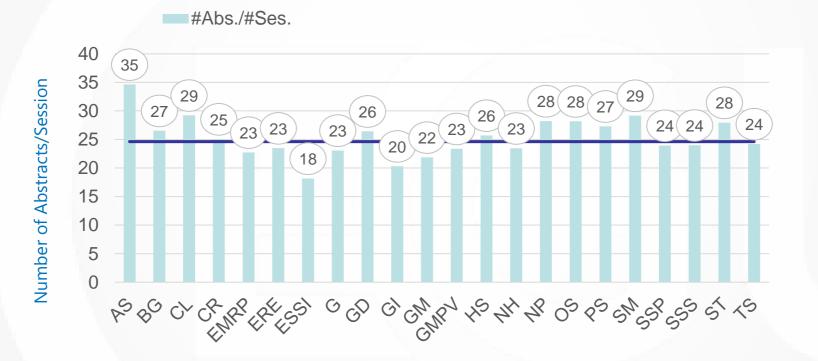
Lead sessions only

Programme Group



EGU23 Abstracts Per Session Per Programme Group

(as of 12 Apr)



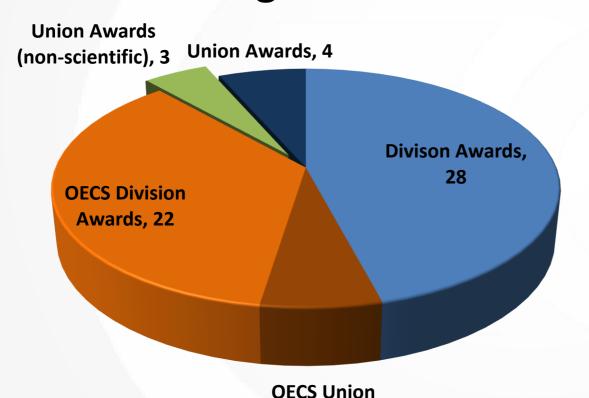
Lead sessions only

Programme Group





EGU features an extensive awards and medals programme on all career stages



Awards, 4

Awards

- 4 prestigious Union medals, recognising excellence in scientific research
- 4 Union awards for Outstanding Early Career Scientists, services for the Union, science journalism, and outreach
- 28 division medals, awarded for significant disciplinary contributions in Earth, planetary and space sciences
- 22 division awards for Outstanding Early Career Scientists and General Assembly awards for students





How to become an awardee?

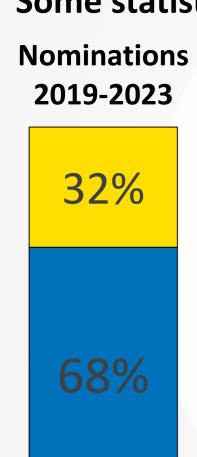
- » Nominations are exclusively by EGU members (no self nomination)*
- » Candidates do not need to be EGU members.
- » Individual award and medal committees are then evaluating the nominations selecting the most deserving candidate based on scientific achievements**.

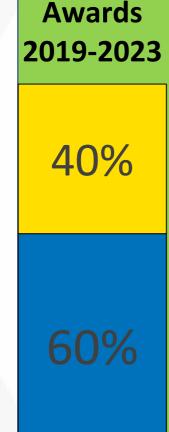
- * An exception is one award to promote excellence in journalism allowing nominations from nonmembers and self nominations
- ** plus one medals each for journalism, outreach and service to the union

EGU awards & medals

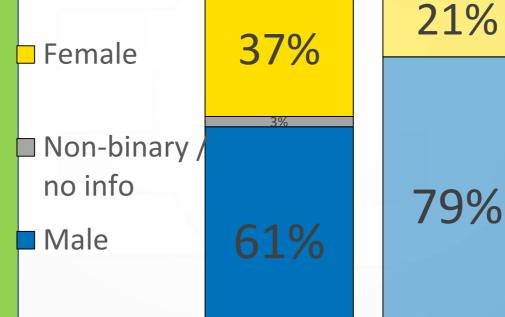


Some statistics









EOS3.1 Poster EGU23-2595 Equality of opportunities in geosciences: The EGU Awards Committee experience Thu, 27 Apr, 16:15-18:00

Hall X2 | X2.2







How to nominate

Where: https://www.egu.eu/awards-medals/nominations/

When: Deadline is **June 15 every year**

What is required:



		Outstanding Early Career Scientists Awards
Nomination letter	1 page	½ page
Curriculum Vitae	2 pages	1 page
Selected bibliography	2 pages	½ page
Supporting letters	3-5 (maximum 1 page each)	_



- EGU features an extensive awards and medals programme on all career stages
- Nominations are exclusively by EGU members* while candidates do not need to be EGU members. (*An exception is one award to promote excellence in journalism allowing nominations from non-members and self nominations)
- Individual award and medal committees are then evaluating the nominations selecting the most deserving candidate based on scientific achievements**. (**plus one medals each for journalism, outreach and service to the union)





How to nominate

Where: https://www.egu.eu/awards-medals/nominations/

When: from now to June 15

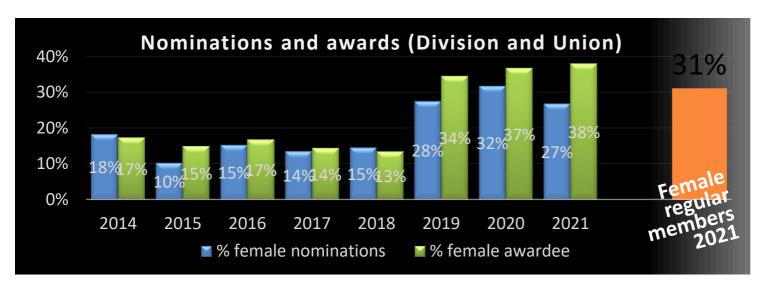
What is required:

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We encourage **all** members to contribute to the awards program by nominating suitable candidates When nominating please think about people who may have been overlooked in your discipline



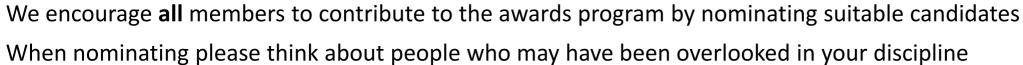
Over the past years the fraction of awards and medals obtained by women has increased.

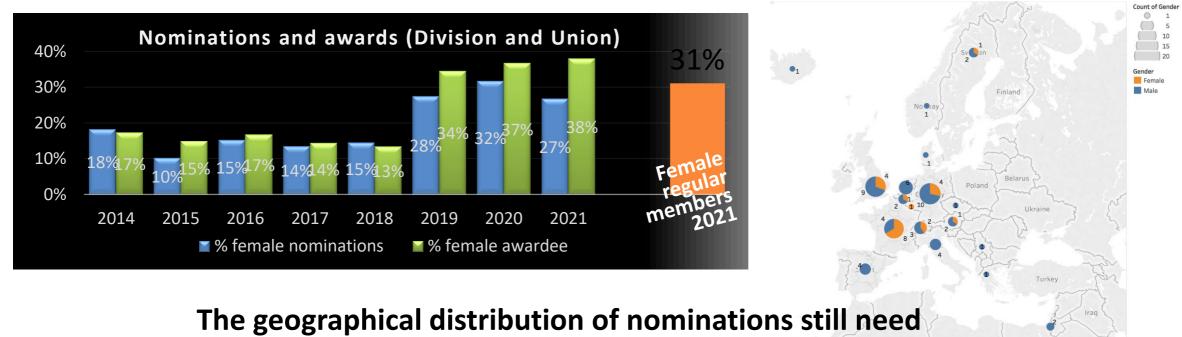
Great news!!!

This is in part from the increase in nominations.











improvement (and more female nominations)!



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 (vOSPP) awards

See the recording of the 2023 AS Awards Lectures online



2023 Wilhelm Bjerknes Medal

Christoph Schär (ETH Zürich, Switzerland)



"... pioneering research on extreme weather, based on his skills in atmospheric dynamical theory and numerical modeling, that have enabled regional climate models to couple with complex topography. ."



AS Division Early Career Scientist Award 2023

Guangjie Zheng (Max Planck Institute for Chemistry, Germany)



"... outstanding contributions to the understanding of multiphase processes in the atmospheric boundary layer, from extremely polluted to remote marine conditions.."



Vilhelm Bjerknes Medal Committee (2023-2024)

Chair:



Spyros Pandis (winner 2021)

Members:



Christoph Schär (winner 2023)



Trude Storelymo (University of Oslo)



Hugh Coe (winner 2022)



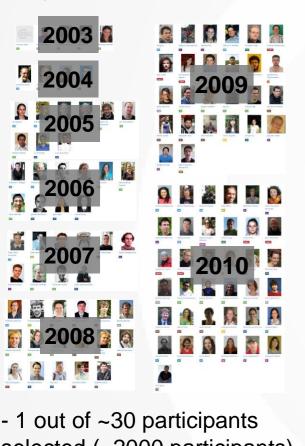
OSPP

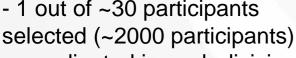
Outstanding Student and PhD candidate Presentation contest



OSPP: Outstanding Student and PhD candidate Presentation contest

Organized since 2003 (first in HS division, since 2008 union-wide)





- coordinated in each division







2022:

>2800

participants





2020





OSPP: Outstanding Student and PhD candidate Presentation contest

What is evaluated?

- scientific content (relevance, methods, ...)
- presentation (organization, aesthetic appeal, ability to answer questions, ...)

Who votes?

- 3 pre-defined judges per participating presentation
- ALL EGU participants (from post-doc level on, not co-author, no shared affiliation) can vote as well on abstract page!
- WE NEED YOU!!!

Who can participate?

- first and presenting author
- either currently a BSc or MSc student or PhD candidate
- or last degree obtained in year of GA

Why participate?

- Better visibility for your research
- Award certificate and ceremony
- Free open-access publication in one of the EGU journals
- Conference fee waiver for next EGU







OSPP: Outstanding Student and PhD candidate Presentation contest

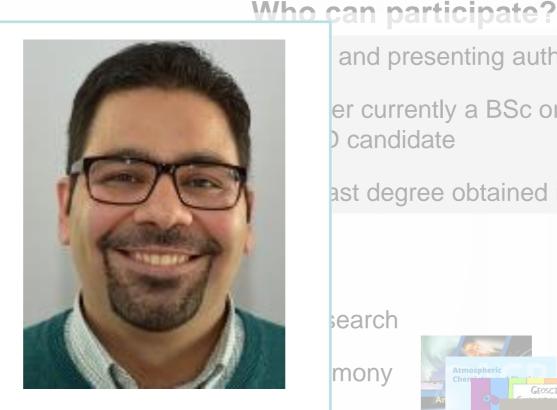
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OSPP contest coordinator in AS Ali Hoshyaripour

and presenting author

er currently a BSc or MSc student or) candidate

ast degree obtained in year of GA









Virtual Outstanding Student and PhD candidate Presentation (vOSPP) Awards 2022



Andrew William, University of Oxford.

Strong control of effective radiative forcing and precipitation by the spatial pattern of absorbing aerosol



Anna Lea Albright, Sorbonne University.

A new conceptual picture of the trade-wind transition layer



Chiem van Straaten, VU Amsterdam and KNMI.

Improving sub-seasonal temperature forecasts by correcting missing teleconnections using ANN-based post-processing

Clarissa Baldo, University of Birmingham.

Atmospheric dissolved iron (Fe) from coal combustion particles



Lukas Jansing, ETH Zürich.

Thermodynamics and airstreams of a South Foehn event in different Alpine valleys

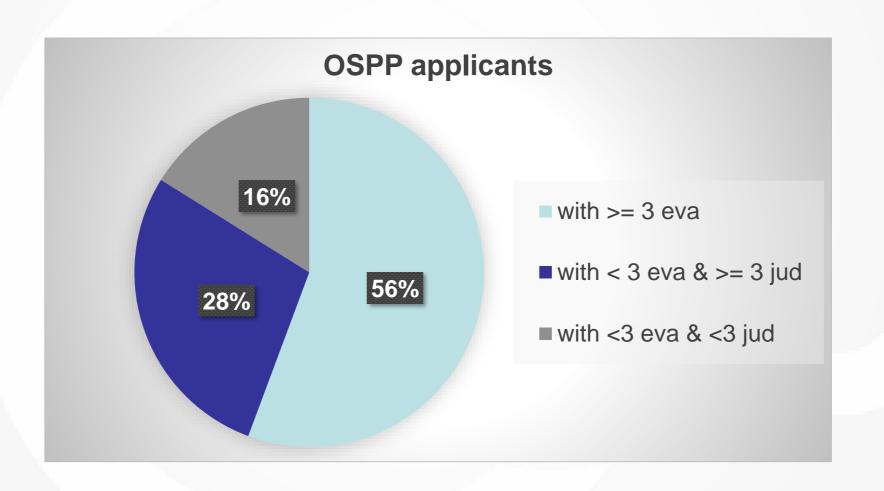
Mary Rose Mangan, Wageningen University.

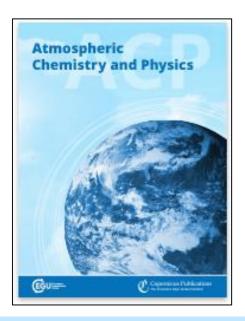
Evaporation Controlled by Boundary Layer Feedbacks in an Irrigated Semi-Arid Environment:

a LIAISE Modeling and Data Study



OSPP statistics 2022: 274 applicants









Executive Editors: Barbara Ervens, Ken Carslaw

Senior Editors: James Allan (Aerosols)

Tim Garrett, Martina Krämer (Clouds & Precipitation)

Andreas Hofzumahaus, Gabriele Stiller (Gases, Isotopes)

Rolf Müller, Peter Haynes (Dynamics, Radiation)





2023 ACP Outstanding Editor Award



Farahnaz Khosrawi
FZ Jülich, Germany

ACP editor since 2014

In recognition of high commitment to
editorial duties and for handling a
high number of papers
continuously over several years for
Atmospheric Chemistry and Physics.

Selection was made by the ACP Executive and Senior Editors

Many thanks to you and to all ACP editors!





2023 ACP Outstanding Reviewer Awards



Dominik Brunner EMPA, Switzerland



Christina McCluskey NCAR, USA



Gabriel Isaacman-VanWertz James Roberts
Virginia Tech, USA NOAA, USA



Yang Shi MIT, USA



Ingo Wohltmann AWI, Germany

In recognition of commitment and excellence in reviewing for
Atmospheric Chemistry and Physics

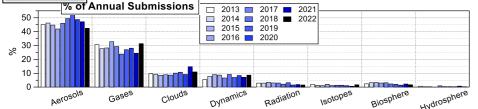
- Suggested by ACP editors for particularly helpful and constructive reviewer comments
- Selected based on > 6200 reviewer reports in 2020 – 2022

Many thanks to you and to all our reviewers!





"Get more P in ACP": Change in ACP subject areas



< 5% of all submissions/year

Subject areas removed

New subject area: Earth & Climate System

Updated ACP scope:

ACP publishes studies with important implications for our understanding of the state and behaviour of the atmosphere and climate, including the troposphere, stratosphere, and mesosphere. Topics include gases, aerosols, clouds, precipitation, dynamics, radiation and their role in the Earth's climate system (including the biosphere, hydrosphere, and cryosphere).

We are looking for ACP editors with expertise in climate physics and climate dynamics

Are you interested? Please send us a brief statement of motivation and suitability

Do you know a good candidate? Please send us suggestions, in particular from currently underrepresented groups (gender, geography, ...)

acp-executive-editors@copernicus.org







ACP turned 20 in 2021!

Come and celebrate tonight at the Publications Reception:

EGU's 20 years of interactive open-access publishing & journal anniversaries

18:00 – 19:00 Foyer E



Questions, ideas and suggestions for ACP or EGU publications in general?

Come and chat tomorrow:



Meet the Chair of the Publications Committee & Executive Editor of ACP

Barbara Ervens, Martina Krämer (Senior Editor ACP)

10:00 - 11:00 EGU Booth



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

ECS: is a student, a PhD candidate, or a practising scientist who received their highest degree (e.g. BSc, MSc or PhD) within 7 years. Extensions to allowed for parental responsibilities, disability, personal illness, community obligations, and others. (https://www.egu.eu/awards-medals/ecs-definition/)



New at EGU23! EGU Champions for Equality Award

https://www.egu.eu/awards-medals/edi/



An individual or team that have put into practice the principles of Equality, Diversity and Inclusion (EDI), resulting in a positive change in the experience of the geoscience community.

The recipient(s) should be role models who have built respectful and inclusive workplaces for the geoscience community, and/or have implemented innovative actions that advance the diversity of the geoscience community.

Nomination deadline 31st August 2023

AS Early Career Scientists Activities

EGU

Highlights from GA 2022 and/or since

- Networking events on various topics (Equality, Diversity & Inclusion in Geosciences)
- 2. Substantially increased Twitter activity (2360 followers now)
- 3. Active on blog
- 4. Recruitment of new ECS-AS outreach team members (David Jean du Preez)
- 5. Connection with other communities (AGU ECS, YESS) and EGU divisions (CL, PS and ST)

Plan for

- 1. Recruitment of members
- Connection with more ECS

Any issues or support needs?

- People are tired with virtual meeting, networking events need to be more fun and creative.

Current ECS-AS team: Roy, Roxana, Mengze, Fei, Muba, Emeka, Royston, David

Outreach activities within Atmospheric Sciences Division

AS Web page: as.egu.eu





Heiko Bozem, AS Web master & News



Athanasios Nenes



Mengze Li



Fei Luo

Want to write a blog? Have ideas? Do you know someone with a contribution?

Contact as@egu.eu

Outreach activities within Atmospheric Sciences



Nitrogen dioxide disparities in the time of COVID-19: How satellite data can facilitate environmental justice studies during this natural experiment and beyond

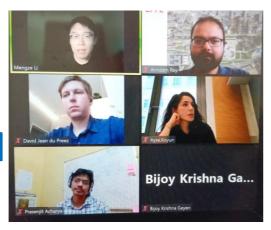
Gaige Kerr · November 9, 2022

Around the world, the most vulnerable, marginalized, and racialized are disproportionately impacted by a variety of environmental stressors such as extreme heat, health-harm Crowdsourcing air quality management data from: A pilot study in India

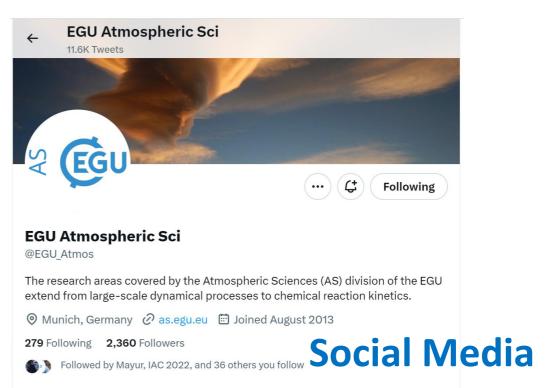
Roy Arindam · March 1, 2022

India is experiencing an "Air apocalypse" and the Global Burden of Disease study has estimated the death toll has reached 1.67 million in 2019. Almost 100% of the population is now exposed to PM2.5 level higher than WHO (World Health Organization) recommendations. However, common citizens are generally unaware of the seriously damaging effects of poor air quality, largely because of the lack of ad ... [Read More]





Campfire and meet



Thank you CS, Blog Editors, and Contributors for your tireless efforts!

Outreach activities outside

Roy won a EGU communication grant and with the help of the other ECS members of AS division, three climate observatories was created in three schools over rural India where students are trained and equipped in measuring weather, air, water and soil quality.









Thank you CS, Blog Editors, and Contributors for your tireless efforts!



AS 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: Twitter (@EGU_Atmos), Facebook(@eguasd), Instagram (@eguasd)
- » Subscribe to the AS ECS email list on www.egu.eu/as/home/
- » Contact us: ecs-as@egu.eu

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



EGU Science for Policy

27 Tweets



Edit profile

EGU Science for Policy

@EGU_Policy

Encouraging stronger science-policy partnerships, sharing engagement opportunities and providing timely & relevant evidence to policymakers. Retweets ≠ agreement.

91 Following 96 Followers



EGU Science for Policy Sessions & Experts

GeoPolicy: Your guide to science for policy at EGU23!

Chloe Hill · April 6, 2023 · Conferences, Early Career Scientists, EGU, EGU GA 2023, GeoPolicy, Great Debates, Regular Features, Sessions, Short Courses, Vienna · No Comments

- Many Science for Policy Sessions that will be coordinated and hosted by the EGU Science for policy Working Group!
- Other policymakers and policy experts
 have also been invited and will be present
 throughout the week



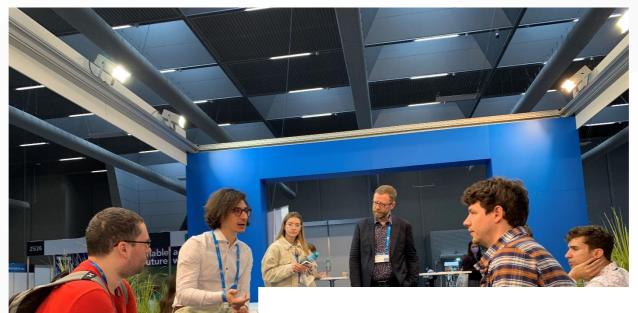
Jane presenting at EGU22, Credit: Chloe Hill

As the largest geoscience meeting in Europe with 14,000 onsite and 3,000 virtual participants expected this year, the EGU General Assembly has a huge range of scientific sessions that enable participations to gain a greater understanding about specific topics both within and outside of their research area. But more than this, there are also plenty of non-scientific sessions that participants can attend to learn new skills, expand their network, and diversity their expertise. In the lead up to #EGU23, this month's blog post will highlight some of the event's exciting science for policy sessions that will outline how scientists can more effectively contribute to policymaking processes, connect with decision-makers, and have a policy impact!



EGU Science for Policy Help Desk

The EGU Science for Policy Help Desk will be "OPEN" daily at the EGU Booth



SPM45

Drop in clinic: Communicating your science meaningfully & ethically >

Convener: Chloe Hill Q

★ Thu, 27 Apr, 10:45–12:30 (CEST), 14:00–15:45 (CEST) Room 2.97

SPM43

^ guided self-assessment of your science for policy competences ▶

veners: Chloe Hill Q, Lene Topp Q

hu, 27 Apr, 10:45–12:30 (CEST) Room 2.61





Location: EGU booth - Hall X2 Thu, 27 Apr, 17:00-17:45 CEST

Come and meet the EGU Biodiversity Task Force

Come and meet some of the Members of the Biodiversity Task Force & contribute to their work that provides information to policymakers

At the EGU Booth on Thursday, 17:00 -17:45



Equality, Diversity and Inclusion (EDI) at EGU23











































Irish Association











To suggest a logo to add to this slide, please email: communications@egu.eu

EGU Position Statement on the inclusion of global research in the geosciences

"EGU's vision is to share, publish, promote and collaborate on the latest geoscience research. This extends to raising awareness of potentially exploitative practices that are often referred to as 'helicopter research' or 'parachute science'.

These take place when researchers from (often higher-income or more privileged) settings perform research in resource-poor settings with limited to no involvement of local communities or researchers. Such practices may be considered 'scientific neocolonialism' as they take advantage of local infrastructures but do not contribute to the inclusion and equal acknowledgement of local researchers. They also lead to the lack of recognition of the value of local knowledge and expertise for enhancing geoscience research.

- EGU strives to raise awareness of such imbalances in global research through our diverse activities such as:
 •organizing spotlight sessions, debates and symposium dedicated to these issues during the EGU General Assembly and other geoscience conferences.
- •encouraging the inclusiveness of authors and their contributions in presentations, publications, policy reports and data products to give due and full credit for all contributions, and appropriately documenting such participation"



GDB4 Scientific Neocolonialism in geoscience research

Thursday 27th April 10:45 -12:30 Location: E1

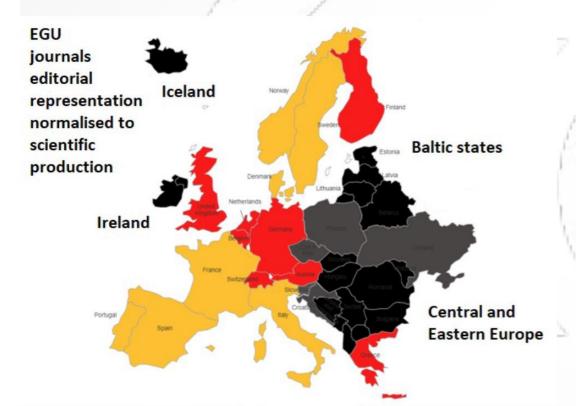






US3 European diversity and the EGU: Who is missing?

Friday 28th April 8:30 -12:30 Location: E1



Dark zone:

30% of Europe's population

16% authors in the

Earth and Planetary sciences

12% of scientific production in Earth and Planetary sciences

9% of EGU presenters

2% of EGU awards

1% of European editors in EGU journals

< 1% EGU leadership (1 division president)





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 2023 (until now)

AS president: Athanasios Nenes



AS president 2019-2023

AS Deputy president Philip Stier



AS president 2023-2025



EGU AS in 2022 (from now on)

AS president:
Philip Stier



AS president 2023-2025

CONGRATULATIONS PHILIP !!!

AS Deputy president Athanasios Nenes



AS president 2019-2023



AS Division Structure

President Deputy President

Philip Stier Athanasios Nenes

Science Officers

Meteorology: Rune Grand Graversen Atmospheric Chemistry & Aerosols: Hinrich Grothe Boundary Layer Processes: Jordi Vila

Awards & Medals

News

Outreach & Education

Division Liaison

OSPP Coordinator

Webmaster

ECS Representative

Christoph Schär

Heiko Bozem

Oksana Tarasova

Yafang Cheng

Ali Hoshyaripour

Heiko Bozem

Arindam Roy



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 scences access follow us on Instagram (@EuroGeosciences, @eguasd)
- Participants can keep updated by following the meeting hashtag #EGU23, #vEGU_AS
- email to as@egu.eu for comments, suggestions and anything else you want to communicate





EGU23 Feedback Survey

Survey open until end of June https://www.egu23.eu/feedback

UMI9

Programme Committee Feedback meeting (by invitation only)

Conveners: Athanasios Nenes Q, Maria-Helena Ramos Q

★ Fri, 28 Apr, 16:00–17:00 (CEST) Room 1.61/62

Mark Your Calendar!

EGU General Assembly 2024 14–19 April 2024 Vienna, Austria & Online



Comments/action items from the DM attendees

- Consider feedback on EDI titles and logos. Some thought that the ones showed may be controversial so should be discussed.
- New members for some of the positions (e.g., Outreach) should replace existing ones.
- Consider in the future meetings to mention the awards from other Copernicus journals.
- Leave more "floor time" for questions & comments from the participants.