

**NH** NATURAL HAZARDS

Division on Natural Hazards

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# Division meeting for Natural Hazards

**Convener: Heidi Kreibich**

**Thu, 18 Apr, 12:45–13:45, Room B**

## Tentative agenda

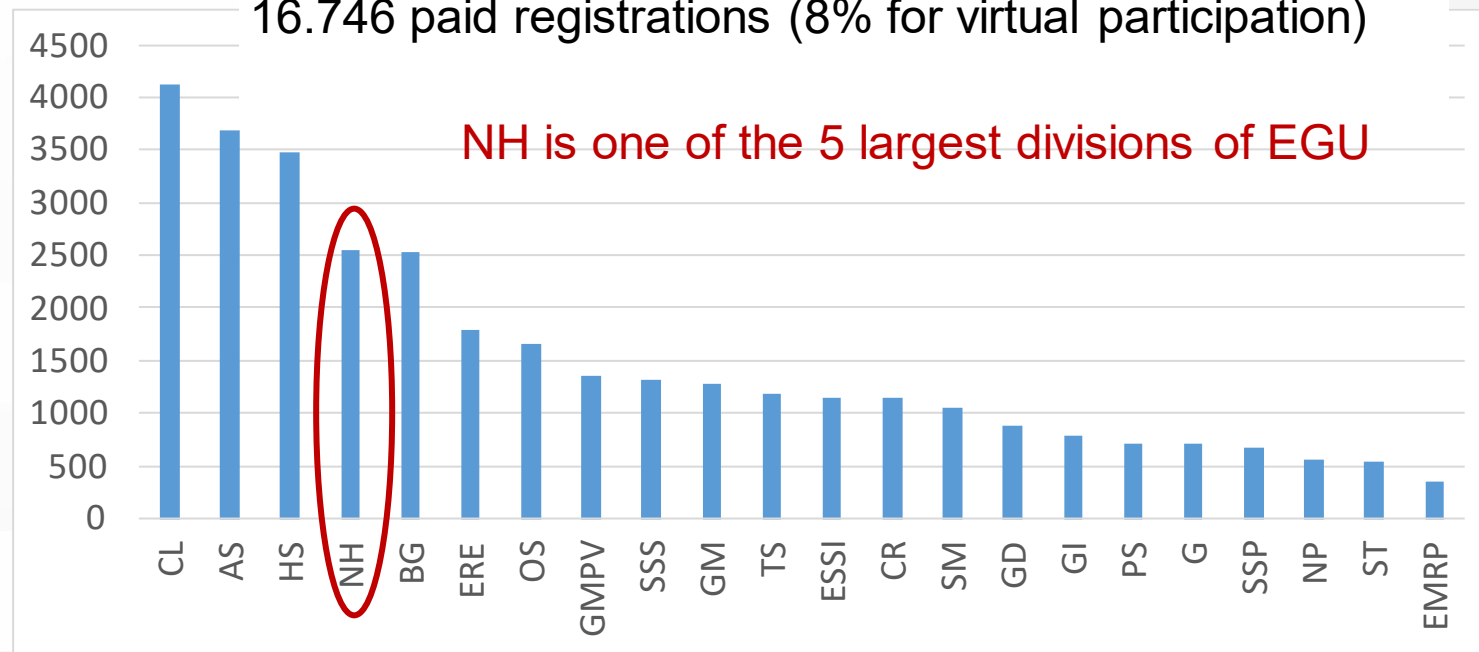
*needs approval*

1. Information on EGU24
2. Division team – *how to get involved*
3. Science officers
4. ECS team – members and activities
5. Medal and ECS award information
6. Medal and ECS award committees
7. 2024 Medals, ECS award and 2023 OSPP awards
8. NHESS
9. Other business

## EGU Division/PG affiliation of paid registrations

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

16.746 paid registrations (8% for virtual participation)

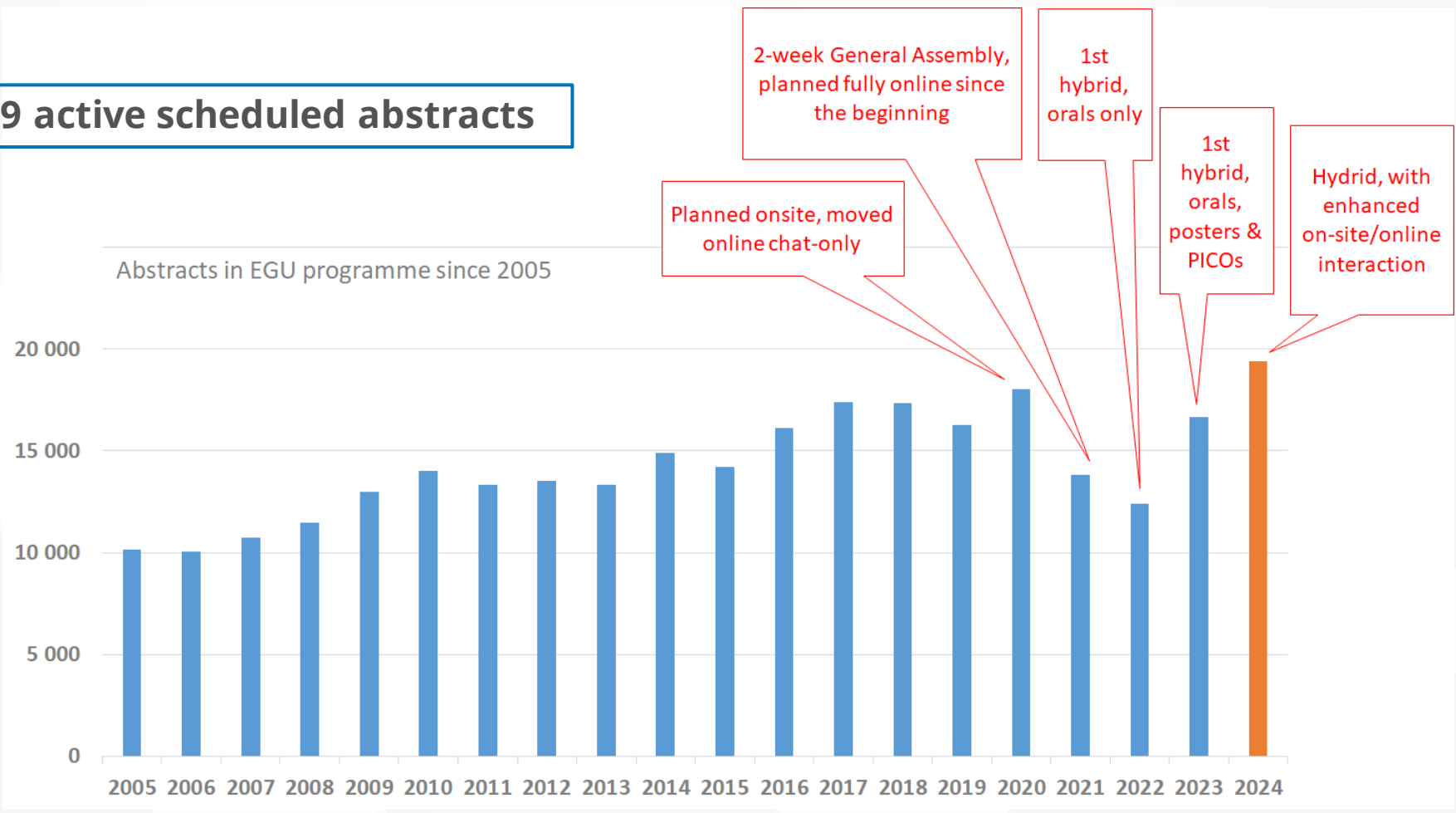


## EGU24: welcome

1. EGU24 - hybrid format
2. Oral and PICO sessions are fully hybrid, posters on site and separate virtual poster session every day (14:00-15:45 in gather town)
3. 41 NH lead sessions: 37 oral, 3 PICO, 1 poster only sessions (1,043 sessions for EGU)
4. 1,328 abstracts in lead (+898 abstracts in co-organized) sessions = 7% of 19,319 for all EGU

## EGU24: numbers at a glance (as of 29 March 2024)

**19,319 active scheduled abstracts**



## NH Division team

### How to get involved and become an active member of the NH division team:

**Conveners:** Propose and organise sessions via the EGU website (Oral/poster or PICO; short courses, Union Symposia, Great Debates, Townhall meetings), deadline usually in September

**Authors:** Submit your exciting results and studies to the suggested sessions, deadline normally beginning of January

*For information during the year –  
subscribe to the NH mailing list*

## NH Division team

### How to get involved and become an active member of the NH division team:

**President:** EGU-wide elections every two years, preceded by a call for candidates, candidates must be approved by the EGU Council, two terms possible i.e. max 4 years

**Deputy President:** 1) Incoming and outgoing Presidents are Deputy Presidents for one year to ensure a smooth handover, 2) In the intervening period the President nominates a Vice-President to assist with all duties, subject to **approval by the NH Community at the Divisional Meeting**

**Science/Policy officers:** Division internal selection process, call for candidates via the NH mailing list (nh@lists.egu.eu), election by the NH team (>30 people), term is 2 years, 2 terms are possible (without election) i.e. max 4 years, subject to **approval by the NH community during the Division meeting**

## NH Division team

### How to get involved and become an active member of the NH division team:

**ECS representatives:** ECS team internal selection process, term is 2 years, 2 terms are possible i.e. max 4 years, subject to **approval of NH community during division meeting**

**ECS award committee:** members are nominated by the NH president (usually past awardees), important is a good representation of NH disciplines, term is 2 years, 2 terms are possible i.e. max 4 years, subject to **approval of NH community during division meeting**

**Medal committees:** members are nominated by the NH president and the chair of the Union Awards Committee (currently Thomas Blunier), usually past medalists, important is a good representation of NH disciplines, **approval of NH community during division meeting**, approval by the EGU council

Division President 2023-2027

**Heidi Kreibich**

[nh@egu.eu](mailto:nh@egu.eu)



## NH Division leadership team - Presidents

**Outgoing** Deputy President (2023-2024)

**Ira Didenkulova**

**THANK YOU!**



**Incoming** Deputy President (2024 – 2026)

**Nivedita Sairam**

***needs approval***





# NH Division leadership team - Science Officers

NH1 Hydro-Meteorological Hazards

**Outgoing Yves Trambly**

**Incoming Cristina Prieto Sierra** (4 years left)

[cristina.prieto@unican.es](mailto:cristina.prieto@unican.es)

**THANK YOU!**

***needs approval***



NH2 Volcanic Hazards

**Andrea di Muro** (2 years left) [andrea.di-muro@univ-lyon1.fr](mailto:andrea.di-muro@univ-lyon1.fr)



## NH Division leadership team - Science Officers

NH3 Landslide and Snow Avalanche Hazards

**Veronica Pazzi** (2 years left) [veronica.pazzi@unifi.it](mailto:veronica.pazzi@unifi.it)



NH4 Earthquake Hazards

**THANK YOU!**

**Outgoing Anastasia Nekrasova**

**Incoming Ioanna Triantafyllou** (4 years left) [ioannatriantafyllou@yahoo.gr](mailto:ioannatriantafyllou@yahoo.gr)



***needs approval***



## NH Division leadership team - Science Officers

NH5 Sea and Ocean Hazards

**Filippo Zaniboni** (2 years left) [filippo.zaniboni@unibo.it](mailto:filippo.zaniboni@unibo.it)



NH6 Remote Sensing, **AI, data science** & hazards

**Outgoing** Giorgio Boni

**Incoming** Kasra Rafiezadeh Shahi [kasra@gfz-potsdam.de](mailto:kasra@gfz-potsdam.de)

***needs approval***

**THANK YOU!**



## NH Division leadership team - Science Officers

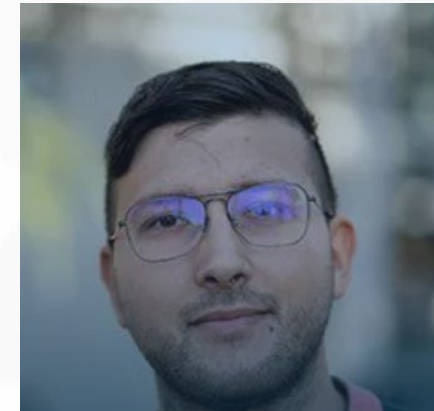
NH7 Wildfire Hazards

**Outgoing Marj Tonini** **THANK YOU!**

**Incoming** Andrea Trucchia

[andrea.trucchia@cimafoundation.org](mailto:andrea.trucchia@cimafoundation.org)

*needs approval*



NH8 Environmental, Biological & Natech Hazards

**Jasmine Rita Petriglieri** (2 years left)

[jasminerita.petriglieri@unito.it](mailto:jasminerita.petriglieri@unito.it)



## NH Division leadership team - Science Officers

NH9 Natural Hazards & Society

**Nivedita Sairam** (2 years left) [nivedita@gfz-potsdam.de](mailto:nivedita@gfz-potsdam.de)



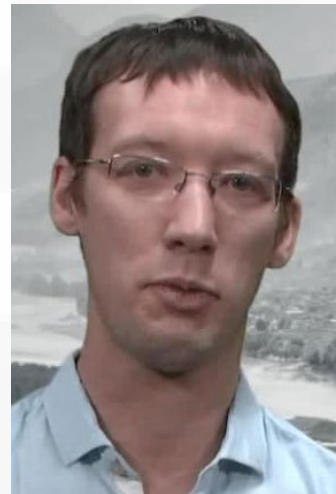
NH10 Multi-hazards

**Stefano Terzi** (3 years left) [Stefano.Terzi@eurac.edu](mailto:Stefano.Terzi@eurac.edu)



NH11 Climate Hazards

**Steven Hardiman** (2 years left)  
[steven.hardiman@metoffice.gov.uk](mailto:steven.hardiman@metoffice.gov.uk)





# NH Division leadership team – Policy Officer and Coordinators

Policy officer

**Antonella Peresan** (3 years left) [aperesan@ogs.it](mailto:aperesan@ogs.it)



How can you contribute to Science-Based policy-making? Ask the new Policy Officer in the Natural Hazards Division!

Antonella Peresan · February 26, 2024

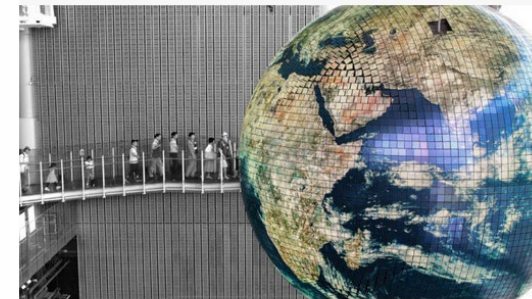


Image credit: Grace Shephard (distributed via [imggeo.egu.eu](https://imggeo.egu.eu))  
<https://blogs.egu.eu/divisions/nh/>

NH OSPP Coordinator

**Mihai Niculita** (2 years left) [mihai.niculita@uaic.ro](mailto:mihai.niculita@uaic.ro)



***All the NH team presented before needs approval***

# The NH ECS Team

Silvia De Angeli, NH Division ECS Representative

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Division meeting for Natural Hazards | Thu, 18 Apr, 2024



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Meetings | Publications | Outreach | [www.egu.eu](http://www.egu.eu)



## Who we are

A group of **active Early Career Scientists** (ECS) from the **NH Division**

- 69 people joined our Slack workspace
- Around 12 active members

## What we do

- Management of the NH Division Blog
  - Management of the Social Media of the Division
  - Networking
  - Campfires and Webinars
-



# Our Roles inside the Division

**Proposal for 2024-2025**



**MARIA VITTORIA  
GARGIULO**

- **Representative**
- Deputy Campfires and Webinars Coordinator



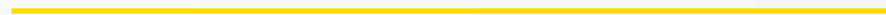
**ELISA GRAZIA LUCIA  
NOBILE**

- **Deputy Representative**
- **Social Media Coordinator**



**FABIOLA BANFI**

- **Campfires and Webinars Coordinator**



## Our Roles inside the Division

**Proposal for 2024-2025**



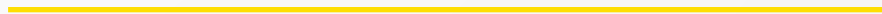
ASIMINA VOSKAKI

- Blog Editor-in-Chief



PAULO HADER

- Deputy Blog Editor-in-Chief



# Our Roles inside the Division

**Proposal for 2024-2025**



**NAVAKANESH M  
BATMANATHAN**

- **Blog Editor**



**SILVIA DE ANGELI**

- **Blog Editor**



**SHREYA ARORA**

- **Blog Editor**



**SOHEIL  
MOHAMMADI**

- **Blog Editor**



**HEDIEH  
SOLTANPOUR**

- **Blog Editor**
-

## People stepping back

Thank You :)



SILVIA DE ANGELI

- Representative



NEGAR VAKILIFARD

- Deputy Representative
- Campfires and Webinars Coordinator



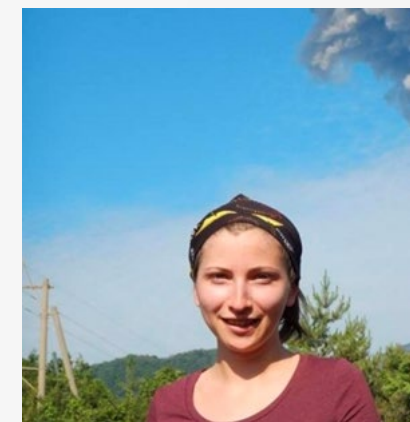
JOANA PARENTE

- Deputy Blog Editor-in-Chief
- Campfires and Webinars support



NICUSOR NECULA

- Social Media Coordinator



VALERIA CIGALA

- Blog Editor



# The Blog

- 18 posts published from April 2023 to March 2024
- Key events, division news, interviews, hot research topics...

## When ten years of research come to an end – The final Panta Rhei Symposium

Elena Macdonald · October 2, 2023



Panta Rhei Symposium (photo credit: Astrid Krahn, G

On the 10th and 11th of July 2023, the final symposium for the scientific decade, "Panta Rhei – Everything Flows: Change in Hydrology and Society" of the International Association of Hydrological Sciences (IAHS), took place at the German Research Centre for Geosciences (GFZ) in Potsdam. During these two days, 150 hydrologists, engineers, social scientists and practitioners from 32 countries gather ...

[\[Read More\]](#)

## How can you contribute to Science-Based policy-making? Ask the new Policy Officer in the Natural Hazards Division!

Antonella Peresan · February 26, 2024



Image credit: Grace Shephard (distributed via imagegeo.edu.e

The EGU Natural Hazards Division now has a new Policy Officer to help promote evidence-based policy-making and support members of the Division in participating in policy-making processes. The Policy Officer aims to bridge between the Division and the EGU Science for Policy Working Group, helping to ensure that evidence-based decisions are made in the policy-making processes related to our areas of ...

[\[Read More\]](#)

## From compound extremes to risk perception: conversations with the EGU Natural Hazards Division 2023 Early Career Scientist Award Winner

Soheil Mohammadi · June 19, 2023



Kerala, Rain, Monsoon (Image credit: Sathish kumar Periy Pixabay license)

I am pleased to interview Professor Ankit Agarwal from the Indian Institute of Technology, Roorkee. He specialises in hydro-meteorological (compound) extremes and complex networks and has been awarded the prestigious 2023 NH Division Outstanding Early Career Scientist award. Thank you, Ankit, for your time and for talking with us about your field of research. 1. Can you tell

## Environmental (non-)migration: Whose security is at stake?

Soheil Mohammadi · January 15, 2024



Image created by Bing Image Creator

Migration is commonly perceived as a strategic response to address the repercussions of environmental threats and climate change. The International Organization for Migration defines 'environmental migrants' as those individuals who alter their place of residence due to a sudden or progressive change in the environment that adversely affects their lives or living conditions. Conversely, those who ...

[\[Read More\]](#)

## Winner of the Public Vote



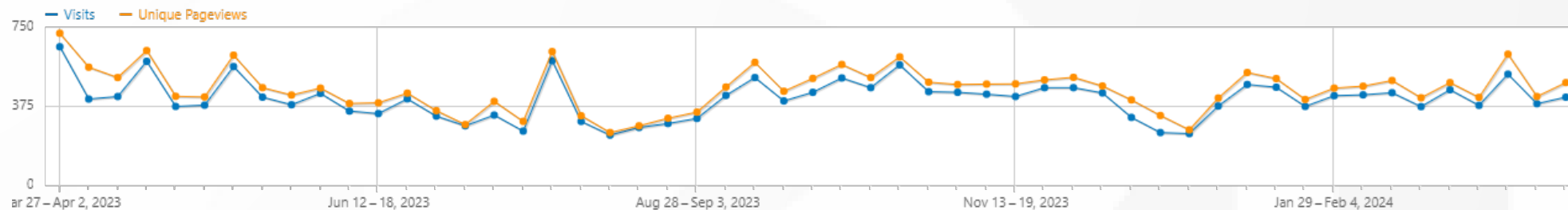
## Is culture the missing link to disaster risk reduction?

Asimina Voskaki · September 11, 2023

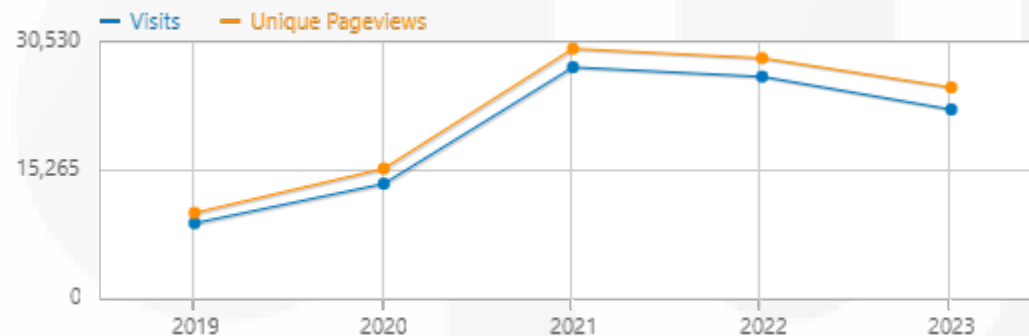
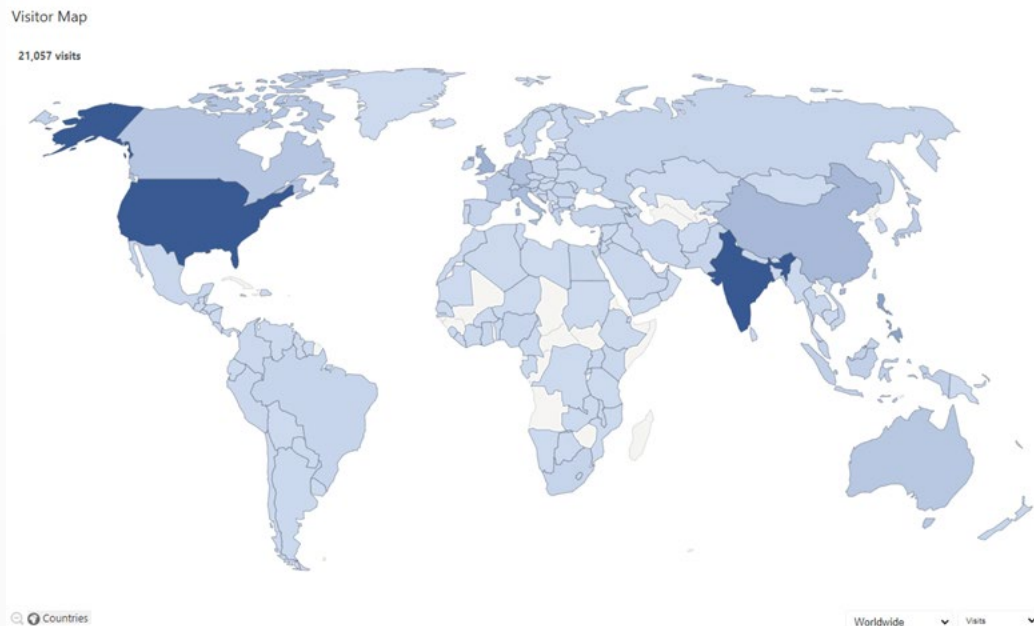


The City of Kobe, Chuo Ward (photo credit: Asimina Voskaki)

- Some key statistics



Global map of visitors, 01 April 2023 - 31 March 2024



## Networking & Social Media

- Facebook and Twitter accounts
- Adv on blog posts, webinars, networking opportunities

### NEWS & UPCOMING ACTIVITIES

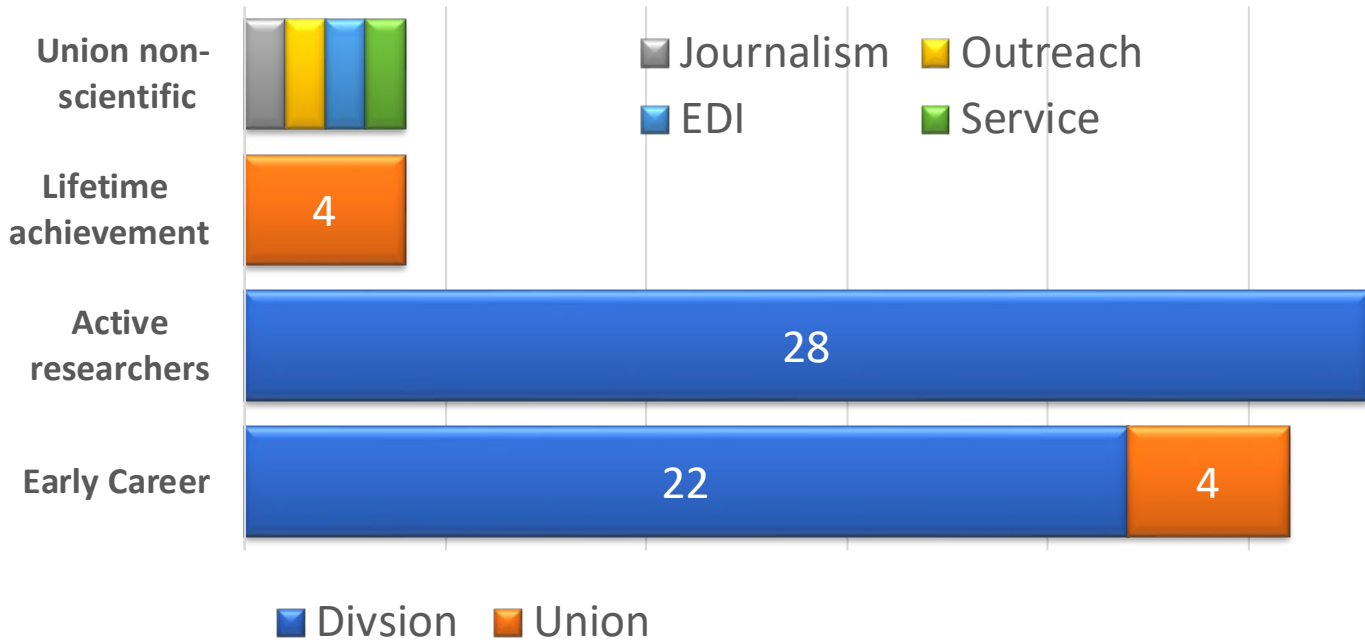
- New Social Media Coordinator
- Opening of a LinkedIn Account





# EGU awards & medals

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



- 4 **Union Awards** for services for the union, science journalism, outreach, and EDI
- 4 prestigious **Union Medals**, recognising excellence in scientific research
- 28 **Division Medals**, awarded for significant disciplinary contributions in Earth, planetary and space sciences
- 4 **Union** and 22 **Division Awards** for Outstanding Early Career Scientists





## 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 non-members and self nominations

\*\* plus one medals each for journalism, outreach and service to the union



# EGU awards & medals

## How to nominate

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

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

What is required:



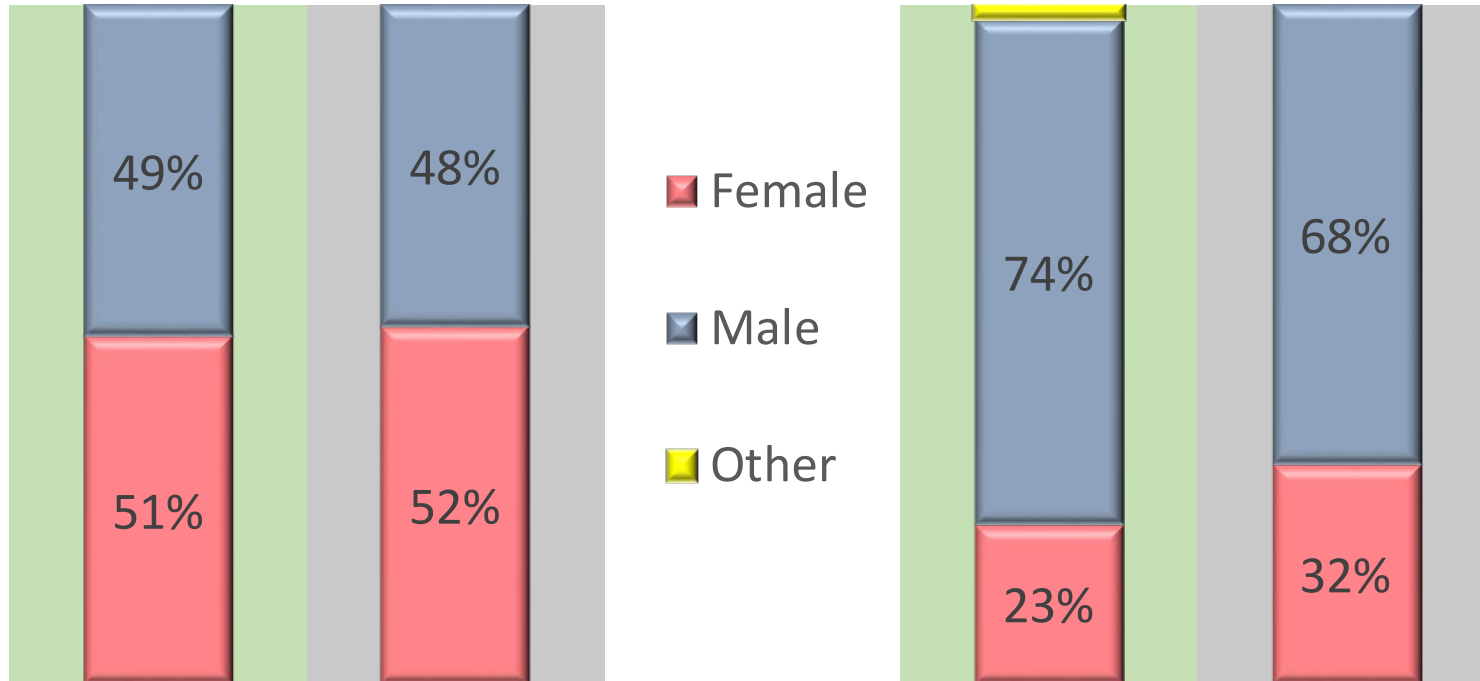
	Division and Union medals	Outstanding Early Career Scientists Awards
Nomination letter	5000 characters (including spaces)	2500 characters (including spaces)
Curriculum Vitae	2 pages	1 page
Selected bibliography	2 pages	½ page
Supporting letters	3-5 5000 characters (including spaces)	None (multiple nominators possible)

**Nomination and supporting letters via on-line form**



# EGU awards & medals

## Some statistics for the 2024 awards



Nominations    Awarded

Nominations    Awarded

### Early Career Awards

### Union and Division awards



## Plinius medal 2023

- This medal was established by the Natural Hazards Division to recognise **interdisciplinary natural-hazard research**. The name of Gaius Plinius Secundus (~23 – 79 A.D.) acknowledges the role of our ancestors working to improve both knowledge and mitigation of natural hazards. From 2002–2003 (EGS) and 2004–2011 (EGU) it was awarded to early career scientists. Since 2012 the medal recognises **interdisciplinary research in natural hazards by outstanding scientists** who meet the following criteria: **outstanding research achievements in fields related with natural hazards, important interdisciplinary activity in two or more fields related with this topic, and research that has been applied in the mitigation of risks from natural hazards.**
- **Important: the medal welcomes candidates of all career stages**



## Sergey Soloviev medal 2023

- This medal was established by the Natural Hazards Division in recognition of the scientific achievements of Sergey Soloviev. It is awarded for **outstanding scientific contributions in fundamental research that improves our knowledge of basic natural hazards principles, as well as research that assesses and leads to the proper mitigation of natural hazards, from both human and environmental perspectives.**
- **Important: the medal welcomes candidates of all career stages**

## Plinius medal committee

- **Chair:** Fausto Guzetti [1 yr left]
  - Giuliana Rossi [3 yrs left]
  - Raphael Paris [3 yrs left]
  - **Philip Ward** [4 yrs left]
  - Slobodan Nickovic [2 yrs left]
  - Ex-officio: Heidi Kreibich, Thomas Blunier
- 
- We **THANK** **Jadranka Sepic** stepping down after 4 yrs of service



***needs approval***



## Soloviev medal committee

- Chair: Andrea di Muro [3 yrs left]
  - **Jacopo Selva** [4 yrs left]
  - Giuliano Di Baldassarre [1 yrs left]
  - Maria Pregnolato [1 yrs left]
  - Ricardo Trigo [2 yrs left]
  - Ex-officio: Heidi Kreibich, Thomas Blunier
- 
- We **THANK** **John J. Clague** stepping down after 4 yrs of service



*needs approval*

## NH Committee for Division ECS award

Antonella Peresan (3 years left)

Yves Trambly (2 years left)

**Marleen de Ruyter (4 years left)**

**THANKS** to Marj Tonini for being ECS NH Committee member 2022-2024



***needs approval***



## Plinius medal 2024



- The 2024 Plinius Medal is awarded to **Jacopo Selva** for his transformative research in quantitative seismic, volcanic and tsunami hazard modelling, leading to relevant applied solutions used in civil protection and emergency management.
- **Congratulations!**

## Sergey Soloviev medal 2023



- The 2024 Sergey Soloviev Medal is awarded to **Hayley J. Fowler** for her remarkable scientific contributions in fundamental research on climate change impacts on rainfall extremes, and applications on flood risks for the improvement of climate resilience.
- **Congratulations!**

## NH division Outstanding ECS Award 2024



- The 2024 Division Outstanding Early Career Scientist Award is awarded to **Marleen C. de Ruiter** for her outstanding scientific work on cascading hazards, multi-risk assessment and management.
- **Congratulations!**
- The medal lecture is today! Thu, 18 Apr, 14:00–14:30 Room M2 (green level)

## Awarding vOSPP Awards 2023



- The 2023 Outstanding Student and PhD candidate Presentation (OSPP) Award is awarded to **Ambra Hyskaj**
- Naturally Occurring Asbestos in the asbestos-free European Union approach. Is asbestos exposure prevention being understood correctly?

## Awarding vOSPP Awards 2023



- The 2023 Outstanding Student and PhD candidate Presentation (OSPP) Award is awarded to **Sarah Hồ**
- A Comparison of Agriculture-related Characteristics of Flash and Traditional Drought

## Awarding vOSPP Awards 2023

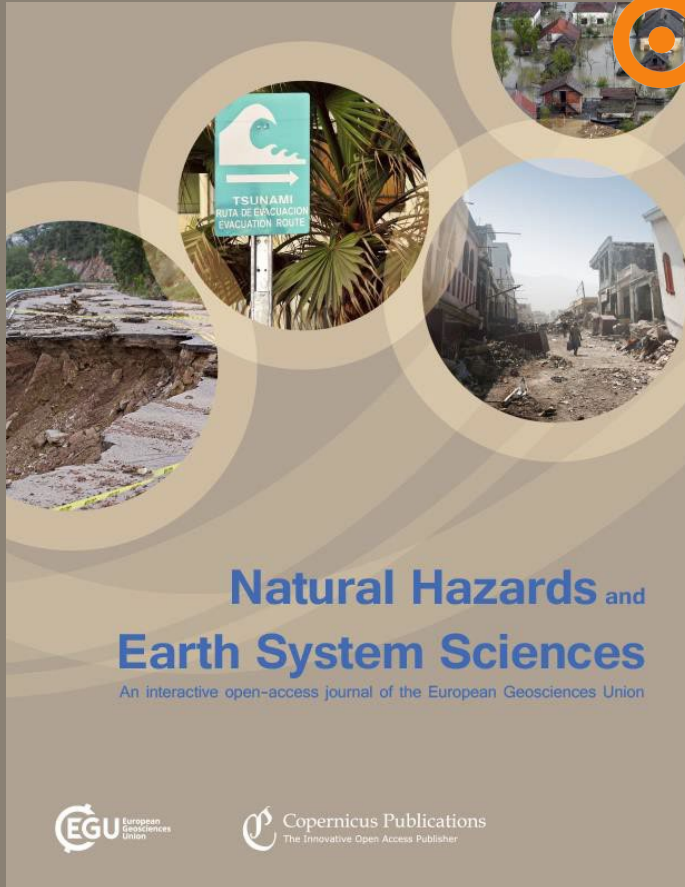


- The 2023 Outstanding Student and PhD candidate Presentation (OSPP) Award is awarded to Yuly Paola Rave Bonilla
- Numerical modelling of the volcanic emissions dispersion from La Soufrière de Guadeloupe

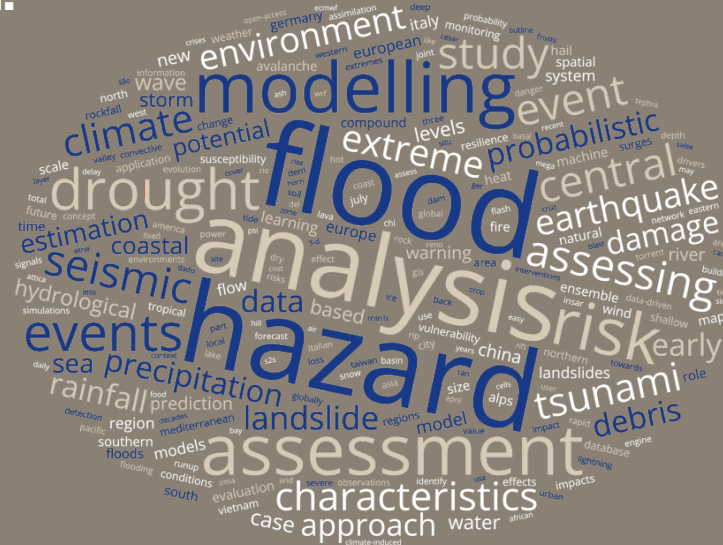


<https://nhess.copernicus.org/>

**100% open access and publicly peer reviewed  
since 2013!**



**A community-driven journal that in 2023\* published extensive, exciting new research on:**



**Key Journal Metrics:**

**Impact Factor (2022): 4.6**

**5- year Impact Factor (2022): 4.7**

**Papers published in 2023: 209**

**Number of countries where authors were based in 2023: 58**

**Number of countries where editors were based in 2023: 15**

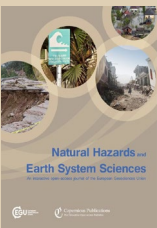
”Besides its well-fitting scope and community, we chose to submit our manuscript (and its companion) to NHES because of their open access policy and high reviewing standards, which proved invaluable in completing our study.”

**Leon Scheiber**, author 2023

[doi.org/10.5194/nhess-23-2313-2023](https://doi.org/10.5194/nhess-23-2313-2023)



\*The word cloud displayed was generated using all the titles of articles published by the journal in 2023.



# Natural Hazards and Earth System Sciences

**406**

Manuscripts submitted  
(in 2023)

**209**

Articles published  
(in 2023)

**6119**

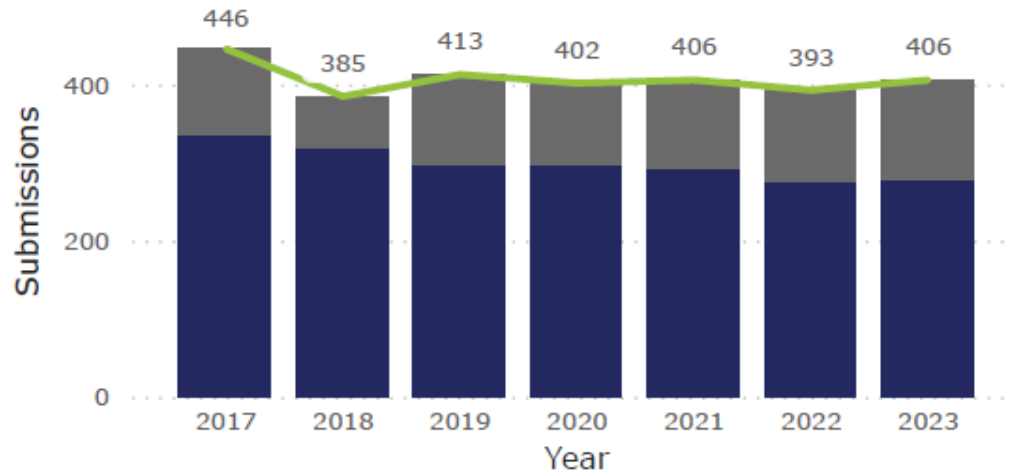
Manuscripts submitted  
(2001 to 2023)

**3949**

Articles published  
(2001 to 2023)

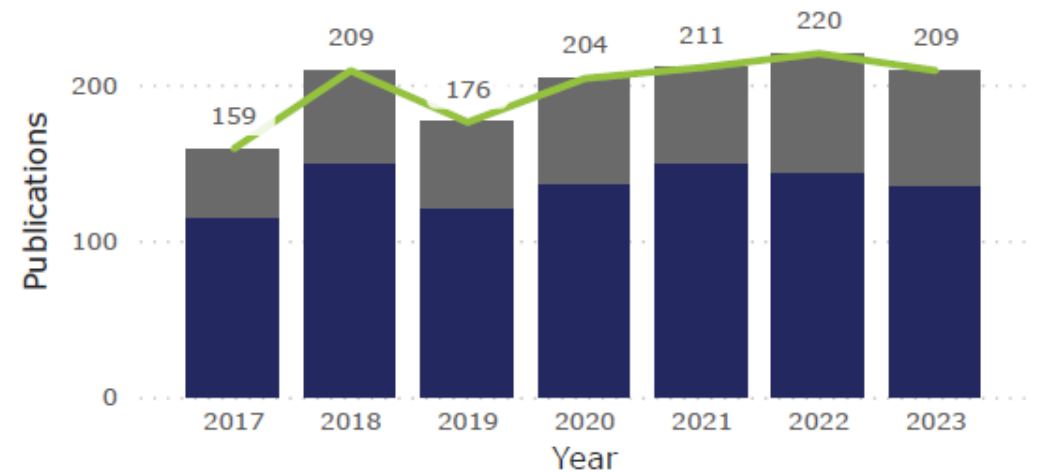
Manuscripts submitted by year of submission

● regular ● special issue — total

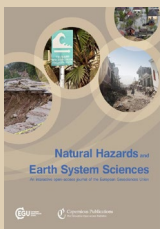


Articles published by year of publication

● regular ● special issue — total







# Breakdown: articles by subject

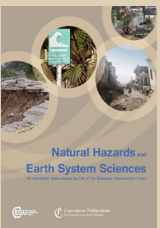
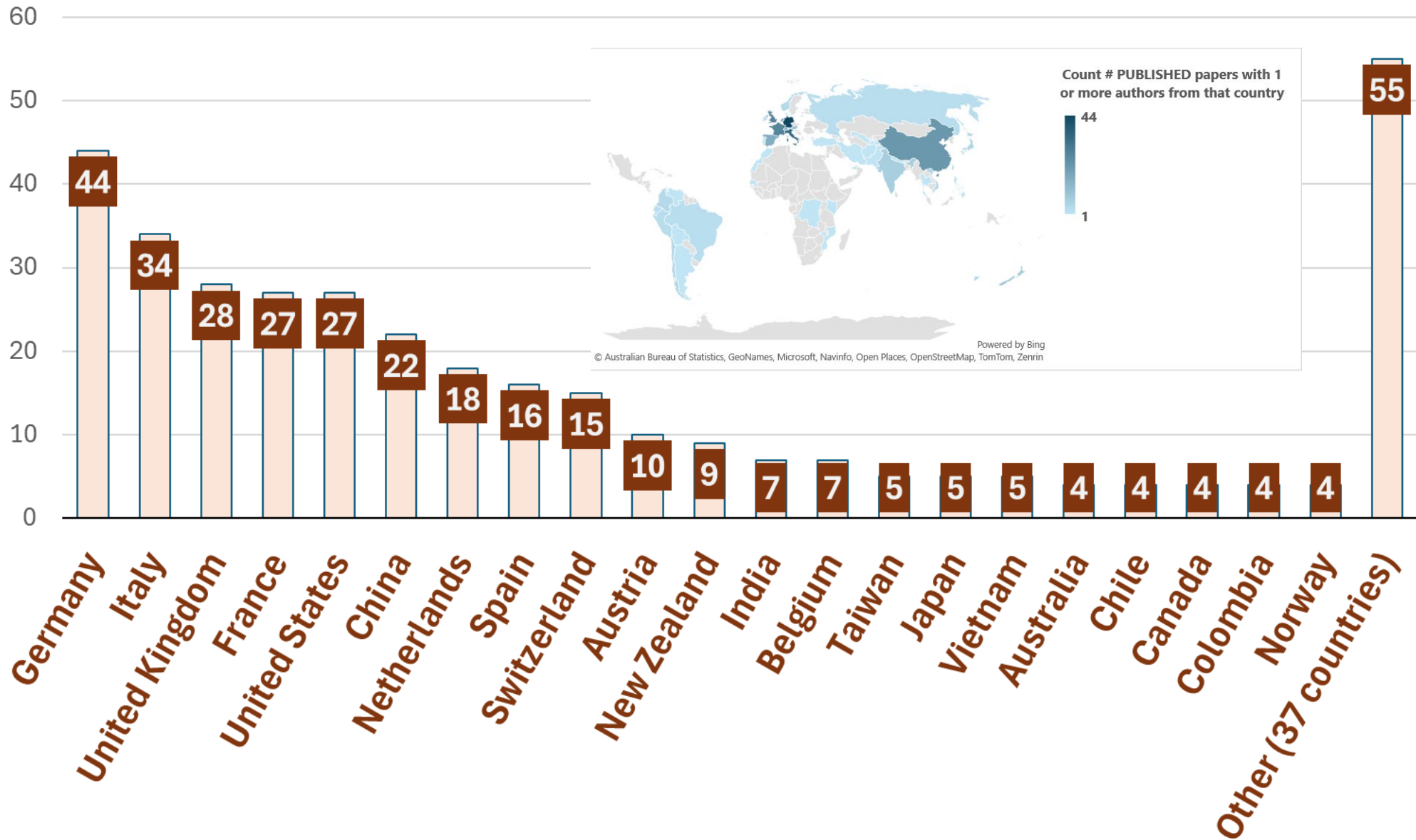
Subject/Group

Articles  
▼ 2023    %change  
2022 to 2023

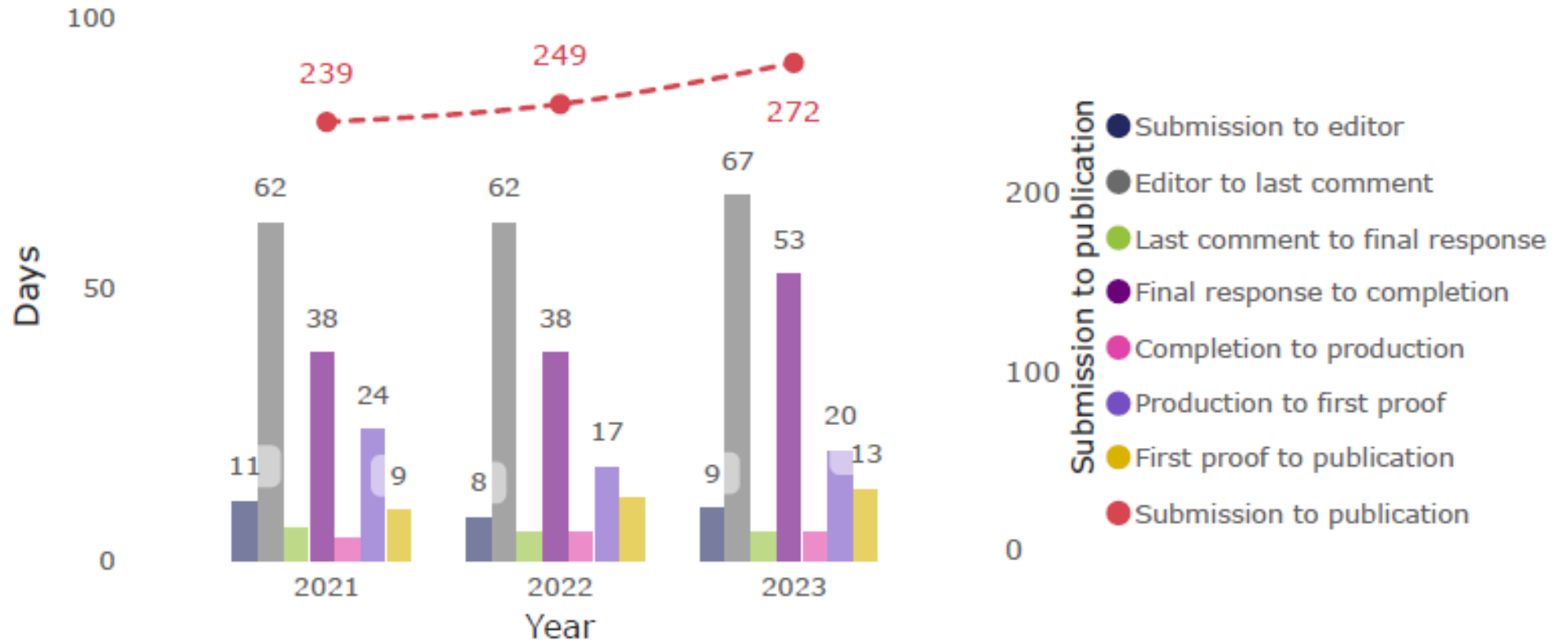
## Subject

Atmospheric, Meteorological and Climatological Hazards	36	<b>44%</b>
Sea, Ocean and Coastal Hazards	34	-3%
Landslides and Debris Flows Hazards	32	0%
Hydrological Hazards	28	-22%
Risk Assessment, Mitigation and Adaptation Strategies, Socioeconomic and Management Aspects	27	-18%
Earthquake Hazards	22	16%
Other Hazards (e.g., Glacial and Snow Hazards, Karst, Wildfires Hazards, and Medical Geo-Hazards)	13	-43%
Databases, GIS, Remote Sensing, Early Warning Systems and Monitoring Technologies	8	-20%
Volcanic Hazards	8	33%
Dissemination, Education, Outreach and Teaching	1	0%

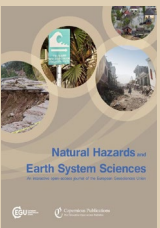
# # PUBLISHED papers with 1 or more authors from that country



## Processing times (days median) by year of journal publication



**Final response to completion has increased significantly (38 days to 53 days)**



JIF 4.6



JIF 5-year 4.7

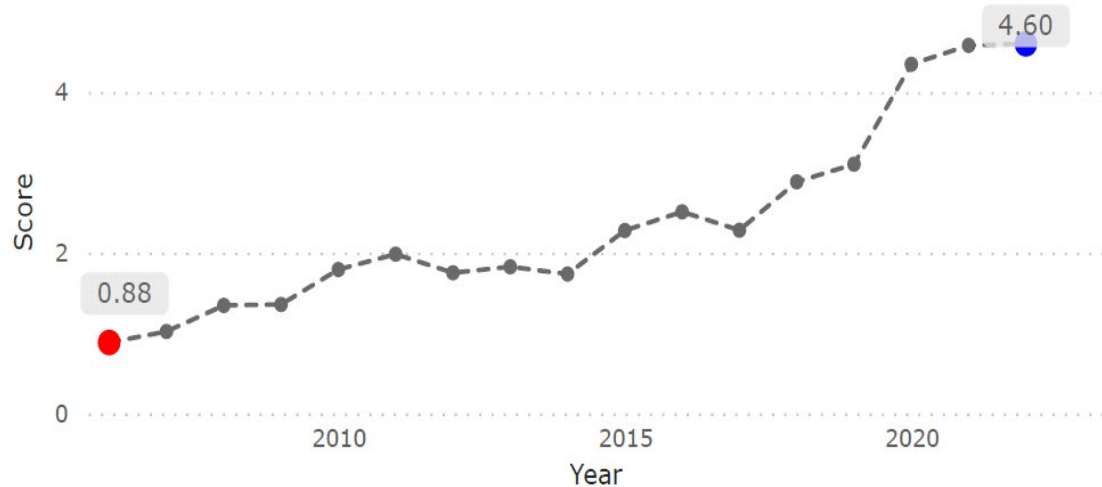


CiteScore 6.8

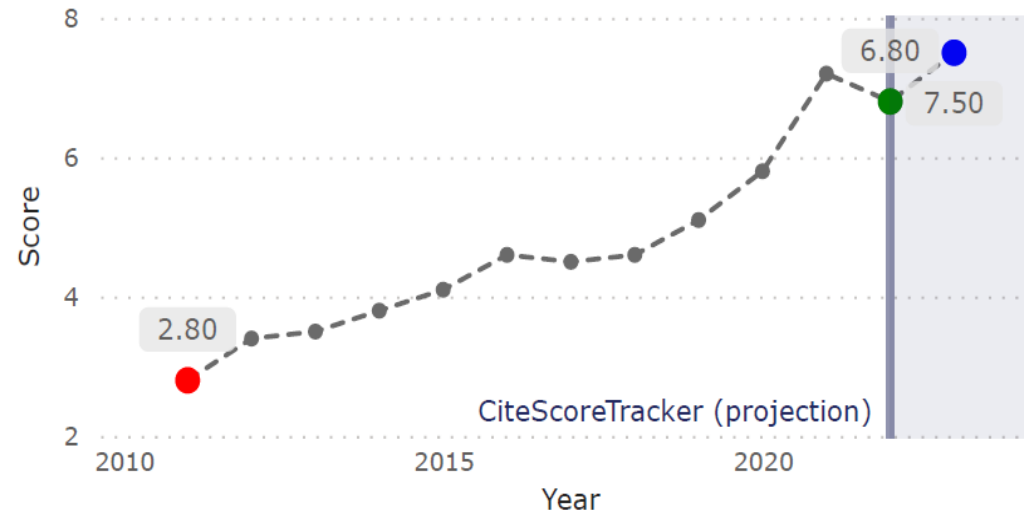


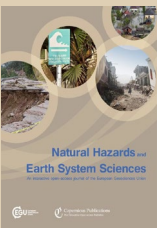
Google h5-index 53

JIF (Clarivate)



CiteScore (Elsevier)

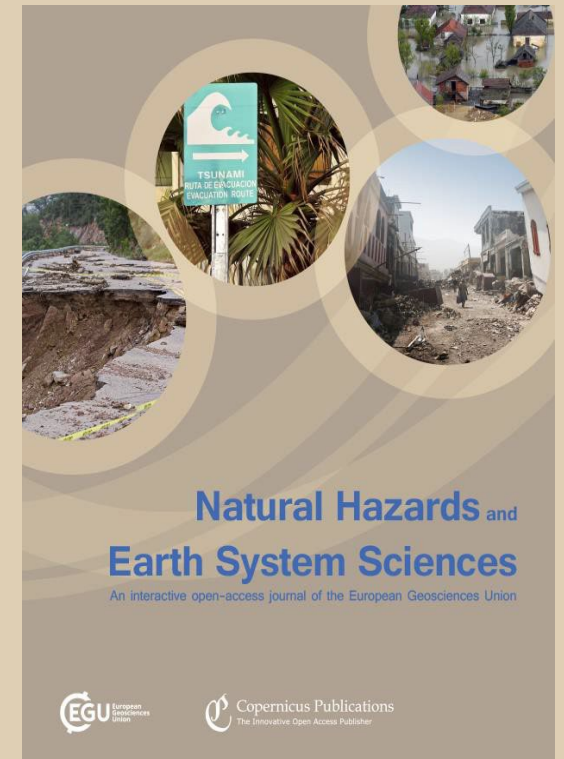




# We encourage special issues around themes

(but must be open to general community and not closed set of authors)

The screenshot shows the website for 'Natural Hazards and Earth System Sciences'. The EGU logo is in the top left. The main title is 'Natural Hazards and Earth System Sciences'. A navigation bar includes links for 'ARTICLES & PREPRINTS', 'SUBMISSION', 'POLICIES', 'PEER REVIEW', 'EDITORIAL BOARD', 'ABOUT', and 'EGU PUBLICATIONS'. A dropdown menu is open, showing categories: RECENT (Recent papers), HIGHLIGHTS (Editor's choice), REGULAR ARTICLES (Research articles, Review articles, Brief communications, Invited perspectives), SPECIAL ISSUES (Published SIs, Scheduled SIs, How to apply for an SI), and EGU COLLECTIONS (Encyclopedia of Geosciences, EGUsphere). A blue arrow points to 'How to apply for an SI'. A yellow box highlights the text 'How to Apply for an SI" (on the NHESS website)'. The bottom of the page shows the start of a sentence: 'journal dedicated to the public discussion and open-access publication of high-quality studies and





# Open Access Publications



- Open Access Journals
- Interactive Public Peer Review



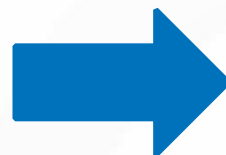
[www.egu.eu/publications](http://www.egu.eu/publications)



## Equality, Diversity, and Inclusion (EDI) at EGU24

### NEW:

Dedicated programme category compiling EDI sessions of interest!



We are committed to providing a **safe, open, accessible, and respectful General Assembly**, as per the EGU Code of Conduct.

Any behaviour that is disrespectful or violates the Code of Conduct can be **reported to the designated Person(s) of Trust**

- by emailing **conduct@egu.eu**
- or on-site, 8:00-17:00 at the **EGU Info Desk (Yellow level Foyer)**

More information available at [https://www.egu24.eu/about/egu\\_general\\_assembly\\_rules\\_of\\_conduct.html](https://www.egu24.eu/about/egu_general_assembly_rules_of_conduct.html)

# The EGU Topical Events Committee announces the call for Training School applications: 6 May - 17 June, 2024



Photo credit: [V. De Micco, 2024](#)

The EGU provides **financial support** to training school organisers in order to facilitate participation of early career scientists and/or to support the quality of the school through field trips or by inviting exceptional lecturers.

Learn more at  
[www.egu.eu/meetings/training-schools](http://www.egu.eu/meetings/training-schools)



## Any other business?

- Suggestions how to further improve NH division structure, processes and activities: [nh@egu.eu](mailto:nh@egu.eu)
- Feedback about EGU General Assembly on EGU web

### *EGU objective:*

*“Transition to a stable fully hybrid format of the General Assembly, taking into consideration inclusivity and sustainability wherever possible”*

*Feedback is heard and considered*



A scenic landscape featuring a waterfall cascading over a rocky ledge into a pool of water. The background shows a wide, flat expanse of land under a blue sky with light clouds. A large, bright yellow speech bubble is overlaid on the scene, containing the text 'Please Give Us Feedback!'.

**Please  
Give Us  
Feedback!**

**[egu24.eu/feedback](https://egu24.eu/feedback)**