

Natural Hazards division business meeting

Heidi Kreibich and Ira Didenkulova

EGU, Room F2 | Thu, 27 Apr



Meetings | Publications | Outreach | www.egu.eu

Tentative agenda

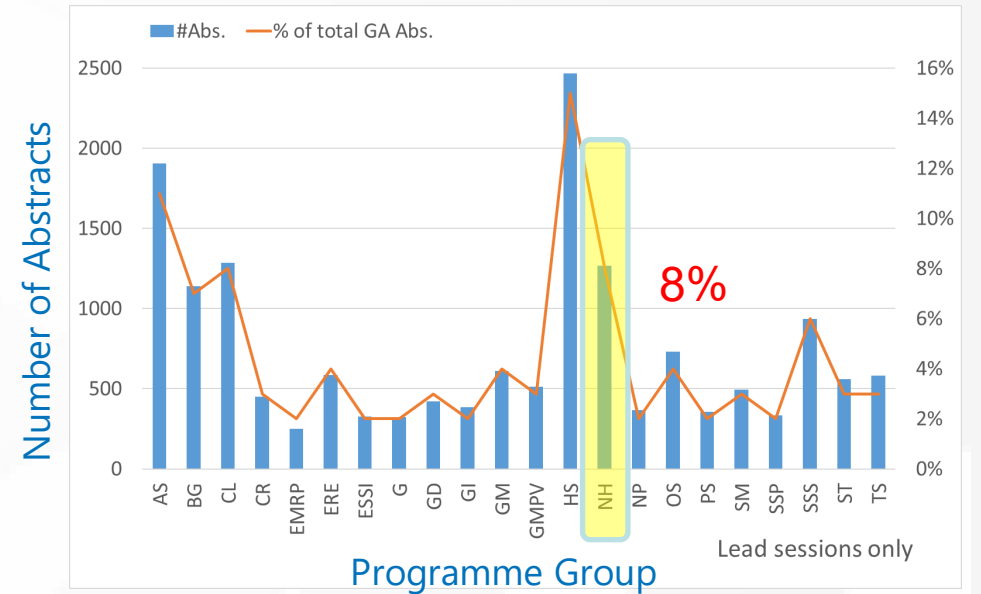
1. EGU23: development with the hybrid format
2. Incoming NH division president Heidi Kreibich
3. NH Division Science Officers (2022/23 and 2023/24)
4. 2023 Medals and awards and 2022 OSPP
5. EGU & NH Meetings
6. ECS activities
7. NHESS and NHESSD
8. Other business

needs approval



EGU23: welcome

1. EGU23: development with the hybrid format
2. POSTERS are back!
3. Oral and PICO sessions are fully hybrid, posters are complementary (online and on-site)
4. 54 lead (+73 co-organized) sessions: 46 oral, 6 PICO, 2 poster only sessions (629 sessions for EGU)
5. 1,249 abstracts in lead (+1,078 abstracts in co-organized) sessions (16,646 for EGU)



Incoming NH President

2023-2024

Heidi Kreibich

nh@egu.eu



Outgoing NH President (2021-2023)

Ira Didenkulova

Deputy NH president



NH Division Science Officers (2022/23 and 2023/24)

NH1 Hydro-Meteorological Hazards

Yves Tramblay (1 year left) yves.tramblay@ird.fr



NH2 Volcanic Hazards

Andrea di Muro (3 years left) andrea.di-muro@univ-lyon1.fr



NH3 Landslide **and Snow Avalanche** Hazards

Veronica Pazzi (3 years left) veronica.pazzi@unifi.it



NH4 Earthquake Hazards

Anastasia Nekrasova (1 year left) nastia@mitp.ru



NH Division Science Officers (2022/23 and 2023/24)

NH5 Sea and Ocean Hazards

Filippo Zaniboni (3 years left) filippo.zaniboni@unibo.it



NH6 Remote Sensing & hazards

Giorgio Boni (1 year left) giorgio.boni@unige.it



NH7 Wildfire Hazards

Marj Tonini (1 year left) marj.tonini@unil.ch



NH8 Environmental, Biological & Natech Hazards

Jasmine Rita Petriglieri (3 years left)
jasminerita.petriglieri@unito.it



NH Division Science Officers (2022/23 and 2023/24)

NH9 Natural Hazards & Society

Nivedita Sairam (3 years left) nivedita@gfz-potsdam.de

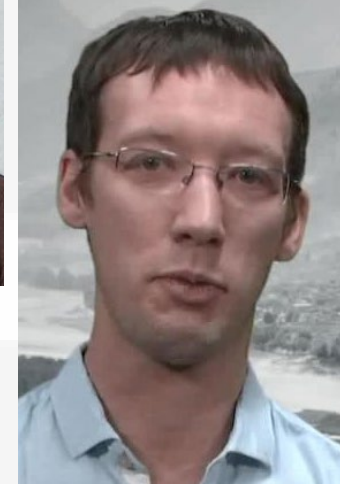
NH10 Multi-hazards

Marleen de Ruiter is stepping down (**THANK YOU!!!**)

Stefano Terzi is stepping in, Stefano.Terzi@eurac.edu

NH11 Climate Hazards

Steven Hardiman (3 years left)
steven.hardiman@metoffice.gov.uk



NH Division Team (2022/23 and 2023/24)

NH OSPP Coordinator

Mihai Niculita (2 years left) mihai.niculita@uaic.ro

NH Social Media Coordinator

Kateryna Terletska is stepping down (**THANK YOU!!!!**)

Nicușor Necula is stepping in, neculanicusor93@gmail.com

We **thank** **Raffaele Albano** for serving as short course coordinator 2020-2023



NH Division Team (2022/23 and 2023/24)

NH division policy officer

(NEW!!! If you are interested, let me know. Call will be opened soon)

- Providing policymakers with relevant, timely, and useful information that they can use to make evidence informed decisions
- Creating a network of strong science communicators who would be interested in speaking at a policy event or directly with a policymaker should the need arise
- Creating a stakeholder map of all the relevant actors involved with a specific policy that is relevant to your division
- Working with the EGU Science for Policy Working Group to provide a relevant, timely, and useful fact sheet to specific

NH Division Team (2022/23 and 2023/24)

NH ECS representative

Silvia de Angeli (3 years left) silvia.deangeli@unige.it

NH ECS deputy representative

Negar Vakilifard neg.vard@gmail.com



NH blog

Blog Editor-in-Chief **Asimina Voskaki** voskaki@gmail.com

Deputy Blog Editor-in-Chief **Joana Parente** jrparente@fc.ul.pt



Blog Editor **Paulo Hader** haderpaulo@gmail.com

Blog Editor **Silvia De Angeli** ecs-nh@egu.eu

Blog Editor **Shreya Arora** sarora@bates.edu

Blog Editor **Valeria Cigala** vale.cigala@gmail.com

Blog Editor **Soheil Mohammadi** soheil.mohammadi@edu.unige.it

Campfires and Webinars Organisation

Campfires and Webinars Coordinator

Negar Vakilifard neg.vard@gmail.com



Deputy Campfires and Webinars Coordinator

Fabiola Banfi fabiola.banfi@polimi.it



NH Committee for Division ECS award (2023/24)

Antonella Peresan (4 years left)

Yves Trambly (3 years left)

Marj Tonini (3 years left)

THANKS to Olga Mavrouli for being ECS NH Committee member 2019-2023

All the NH team presented before needs approval

Awarding vOSPP Awards 2022

- The 2022 Outstanding Student and PhD candidate Presentation (OSPP) Award is awarded to
- **Christian Grimm** for the poster/PICO entitled: Advancing the ETAS Model to Improve Forecasts of Earthquake Sequences and Doublets (Grimm, C.; Hainzl, S.; Käser, M.; Pagani, M.; Küchenhoff, H.)



Awarding vOSPP Awards 2022

- The 2022 Outstanding Student and PhD candidate Presentation (OSPP) Award is awarded to
- **Ingrid Bjørge-Engeland** for the poster/PICO entitled: Observations by ASIM of Terrestrial Gamma-ray Flashes accompanied by Elves (Bjørge-Engeland, I.; Østgaard, N.; Mezentsev, A.; Skeie, C. A.; Sarria, D.; Lapierre, J.; Lindanger, A.; Neubert, T.; Marisaldi, M.; Lehtinen, N.; Chanrion, O.; Ullaland, K.; Yang, S.; Genov, G.; Christiansen, F.; Reglero, V.)
- Ingrid Bjørge-Engeland is a PhD-student at the Birkeland Centre for Space Science, University of Bergen (Norway). Her research in the Hard Radiation from Thunderstorms group, led by Prof. Nikolai Østgaard and Prof. Martino Marisaldi, focuses on the relation between Terrestrial Gamma-ray Flashes (TGFs) and Elves.



Awarding vOSPP Awards 2022

- The 2022 Outstanding Student and PhD candidate Presentation (OSPP) Award is awarded to
- **Joan Villalonga** for the poster/PICO entitled: Observational characterization of meteotsunami triggering in the Balearic Islands from an ultra-dense observational network (Villalonga, J.; Amores, À.; Monserrat, S.; Gomis, D.; Jordà, G.)
- Joan Villalonga is a PhD candidate in physical oceanography at the University of the Balearic Islands, supervised by Dr. Gabriel Jordà and Prof. Damià Gomis. His research focuses on the study of meteotsunamis in the Balearic Islands. As a researcher of the VENOM project (Spanish Institute of Oceanography and University of the Balearic Islands) he has also contributed to the deployment of an ultra-dense network of low-cost tide gauges on the Balearic coast.



Awarding vOSPP Awards 2022

- The 2022 Outstanding Student and PhD candidate Presentation (OSPP) Award is awarded to
- **Wazita Scott** for the poster/PICO entitled: Weather circulation patterns associated with extreme precipitation events over Italy (Scott, W. B. T.; Gaetani, M.; Fosser, G.)
- Wazita Scott is a PhD candidate in the Understanding and Managing Extremes programme at the University School for Advanced Studies IUSS Pavia, Italy. Her research focuses on analysing extreme precipitation and assessing sub-seasonal forecasts of these events in Italy. At EGU 2022, she presented her findings on weather circulation patterns associated with extreme precipitation during summer and winter in Italy.



Awarding vOSPP Awards 2022

- The 2022 Outstanding Student and PhD candidate Presentation (OSPP) Award is awarded to
- **Yuchen He** for the poster/PICO entitled: A numerical and experimental study of Galilei-transformed nonlinear wave groups (He, Y.; Ducrozet, G.; Hoffmann, N.; Dudley, J. M.; Chabchoub, A.)
- Yuchen He is a final-year PhD Candidate from the University of Sydney, School of Civil Engineering, supervised by Associate Prof. Amin Chabchoub and Associate Prof. Ana Vila Concejo. Yuchen is fully funded by the University of Sydney International Scholarship. His PhD research focuses on experimental and numerical investigation of nonlinear extreme wave dynamics.



NH division Outstanding ECS Award 2023

- The NH Division Outstanding Early Career Scientist Awards (formerly Division Outstanding Young Scientists Awards) recognise scientific achievement made by an Early Career Scientist in the field of Natural Hazards
 - The 2023 Division Outstanding Early Career Scientist Award is awarded to **Ankit Agarwal** for his distinguished work in complexity science for better understanding, quantifying and predicting hydroclimatic extremes.
 - **Congratulations!**
- <https://www.egu.eu/awards-medals/division-outstanding-ecs-award/2023/ankit-agarwal/>



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.**
- **News: from this year the medal welcomes contributions from scientists of all career stages**

Plinius medal 2023



- This medal was established by the Natural Hazards Division to recognise interdisciplinary natural-hazard research.
- The 2023 Plinius Medal is awarded to **Alberto Viglione** for seminal contributions to understanding and assessing hydrological extremes.
- **Congratulations, Alberto!**
- <https://www.egu.eu/awards-medals/plinius/2023/alberto-viglione/>



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.**
- **News: from this year the medal welcomes contributions from scientists of all career stages**



Sergey Soloviev medal 2023

- The Sergey Soloviev medal 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.
- The 2023 Sergey Soloviev Medal is awarded to **Peng Cui** for his high-level career in research and applications on debris flows and other mountain hazards, and his leadership on disaster risk reduction in adherence with the Sendai Framework.
- **Congratulations!**
- The medal lecture is today!
- Thu, 27 Apr, **14:00–14:30 (CEST) Room C**
- <https://www.egu.eu/awards-medals/sergey-soloviev/2023/peng-cui/>

Soloviev and Plinius medal committee

- Rules for Committees*:
- Chair: Nominated. Term is one year and can be renewed 3 times (4 years).
- Members: 4. Nominated (past medallists, non-medalists, and one ECS). Term is one year and can be renewed 3 times (4 years).
- One member is replaced each year.
- *Ideally want mixture of genders, countries, career stages and disciplines within NH.
- Ex-officio: Division President and chair of the Union Awards Committee.

Soloviev medal committee

- Chair: **Andrea di Muro** [4 yrs left] non-medalist, FR
 - John J. Clague [1 yrs left] medalist, CA
 - Giuliano Di Baldassarre [2 yrs left] medalist, SE
 - Maria Pregnolato [2 yrs left] ECS award, UK
 - Ricardo Trigo [3 yrs left] non-medalist, PT
 - Ex-officio: Heidi Kreibich, Thomas Blunier
-
- We **THANK** **Maria-Carmen Llasat** stepping down after 4 yrs of service as Committee Chair



needs approval

Plinius medal committee

- Chair: **Jadranka Šepić** [1 yrs left] ECS award, HR
 - **Giuliana Rossi** [4 yrs left] non-medalist, IT
 - **Raphael Paris** [4 yrs left] medalist, FR
 - Fausto Guzzetti [2 yrs left] medalist, IT
 - Slobodan Nickovic [3 yrs left] medalist, SR
 - Ex-officio: Heidi Kreibich, Thomas Blunier
-
- We **THANK** **Claire J. Horwell** stepping down after 3 yrs of service and **Marijan Herak** stepping down after 4 yrs of service



needs approval



The call for nominations for medals and awards is open

- **Deadline is June 15!**
- <https://www.egu.eu/awards-medals/nominations/>
- 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

| | Division and Union medals | 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) | - |

The call for nominations for medals and awards is open

EGU NEWS

EGU launches a new award: Champion(s) for Equality, Diversity and Inclusion Award!

The Champion(s) for Equality, Diversity and Inclusion Award recognises significant contributions of those 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.

-> individual or a team of people

Nomination deadline 31 August 2023

NH topical events: <https://www.egu.eu/meetings/>

- **EGU Galileo Conferences** address well-focused cutting-edge topics at the frontier of geosciences research. The conferences are informal: the state-of-the-art is outlined in keynote presentations designed to trigger in-depth discussion of important aspects of the conference topic. EGU provides full organisational support to the EGU Galileo Conferences, thereby allowing organising committees to focus on the scientific aspects of the conference.
- Submission period from 1. December until end of February of the following year
- **EGU Co-Sponsored Meetings.** We strive for excellence in the organisation and running of conference series, topical meetings, workshops, training schools and external meetings for the benefit of all scientists. We pay special attention to the needs of early career researchers, and help organisers achieve financial stability, visibility, and/or access to a larger target community.
- Submission period from 1. June – 15. August every year

MEETINGS

Plinius Conferences on Mediterranean Risks



18th Plinius Conference on Mediterranean Risks

late summer/autumn 2024 in Rethymno, Crete
Organiser: Dr. Vassiliki Kotroni, NOA - Athens



Steering committee; Giorgio Boni, Pinhas Alpert, Theodore Giannaros, Vassiliki Kotroni, Cindy Lebeaupin-Brossier, Maria del Carmen Llasat Botija, Marcel Hürlimann, Giulia Panegrossi, Yves Trambly



Who we are

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

- 45 people joined our Slack workspace
- Around 10/12 active members

What we do

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

Our Roles inside the Division



SILVIA DE ANGELI

- **Representative**
- Blog Editor
- Campfires and Webinars support
- Social Media support



NEGAR VAKILIFARD

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



FABIOLA BANFI

- **Deputy Campfires and Webinars Coordinator**



ASIMINA VOSKAKI

- **Blog Editor-in-Chief**
-

Our Roles inside the Division



JOANA PARENTE

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



PAULO HADER

- **Blog Editor**
- Campfires and Webinars support



SHREYA ARORA

- **Blog Editor**



SOHEIL MOHAMMADI

- **Blog Editor**

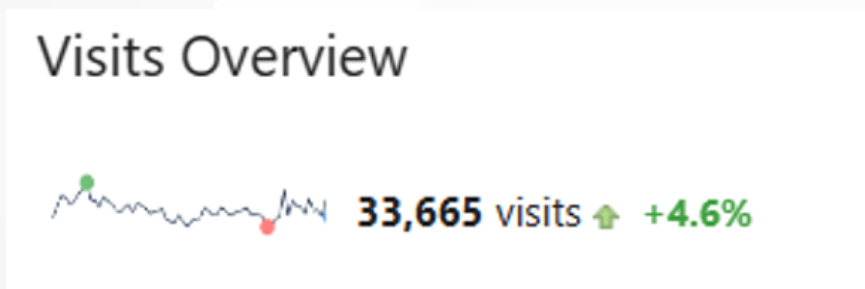


VALERIA CIGALA

- **Blog Editor**

The Blog

- 21 posts published from April 2022 to March 2023



Natural Hazards

Breaking the glass ceiling in diversity, equity, and inclusion in geosciences

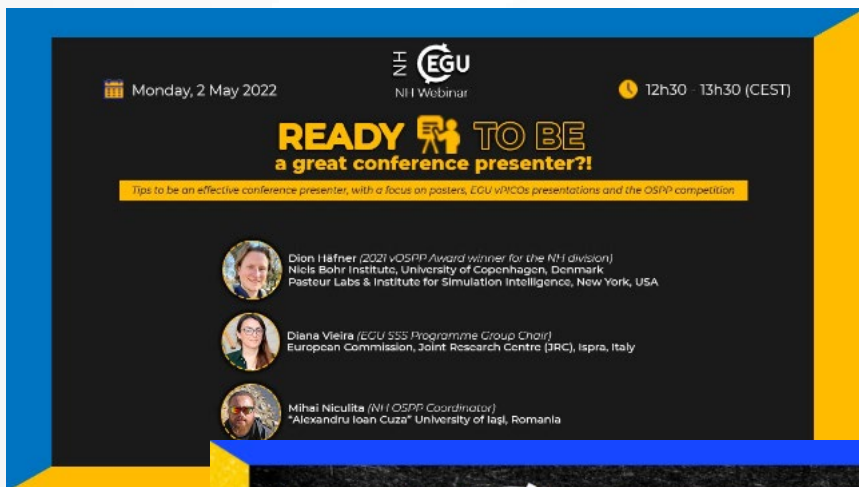
Shreya Arora · April 22, 2022



Winner of the Panel Vote

Campfires and Webinars

- 1 webinar and 1 campfire organised in the last year



Monday, 2 May 2022 12h30 - 13h30 (CEST)

READY TO BE a great conference presenter?!

Tips to be an effective conference presenter, with a focus on posters, EGU vPICO presentations and the OSPP competition

- Dion Häfner (2021 vOSPP Award winner for the NH division) Niels Bohr Institute, University of Copenhagen, Denmark Pasteur Labs & Institute for Simulation Intelligence, New York, USA
- Diana Vieira (EGU 555 Programme Group Chair) European Commission, Joint Research Centre (JRC), Ispra, Italy
- Mihai Niculita (NH OSPP Coordinator) "Alexandru Ioan Cuza" University of Iasi, Romania



EGU CAMPFIRE

THURSDAY 15 DECEMBER 12-13h CET

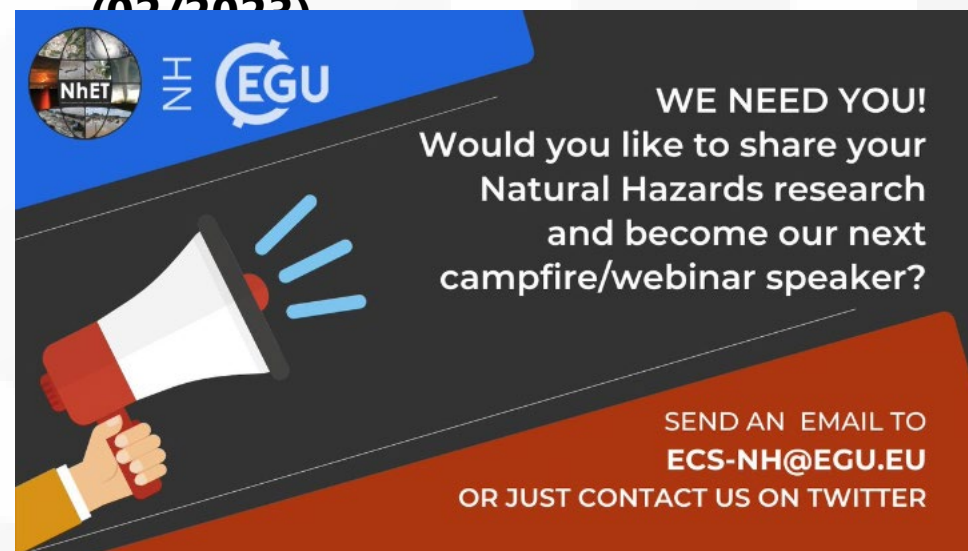
Event organized by the NH ECS Team

Writing successful research proposals: tips and tricks

- Marie Skłodowska-Curie Action
- ERC Starting Grant
- ESA Living Planet fellowship

Event open to all early career scientists upon registration

- some events already on the pipe
- call for speakers on social media (02/2022)



WE NEED YOU!

Would you like to share your Natural Hazards research and become our next campfire/webinar speaker?

SEND AN EMAIL TO ECS-NH@EGU.EU OR JUST CONTACT US ON TWITTER

Networking & Social Media

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



INZ EGU

WE NEED YOU

OPEN POSITIONS

- Science Officer for the NH10 Multi-Hazards sub-division
- Social Media Coordinator

JOIN OUR TEAM!

The poster shows four diverse people holding a banner that says 'JOIN OUR TEAM!'. The background is a light grey with a subtle geometric pattern.



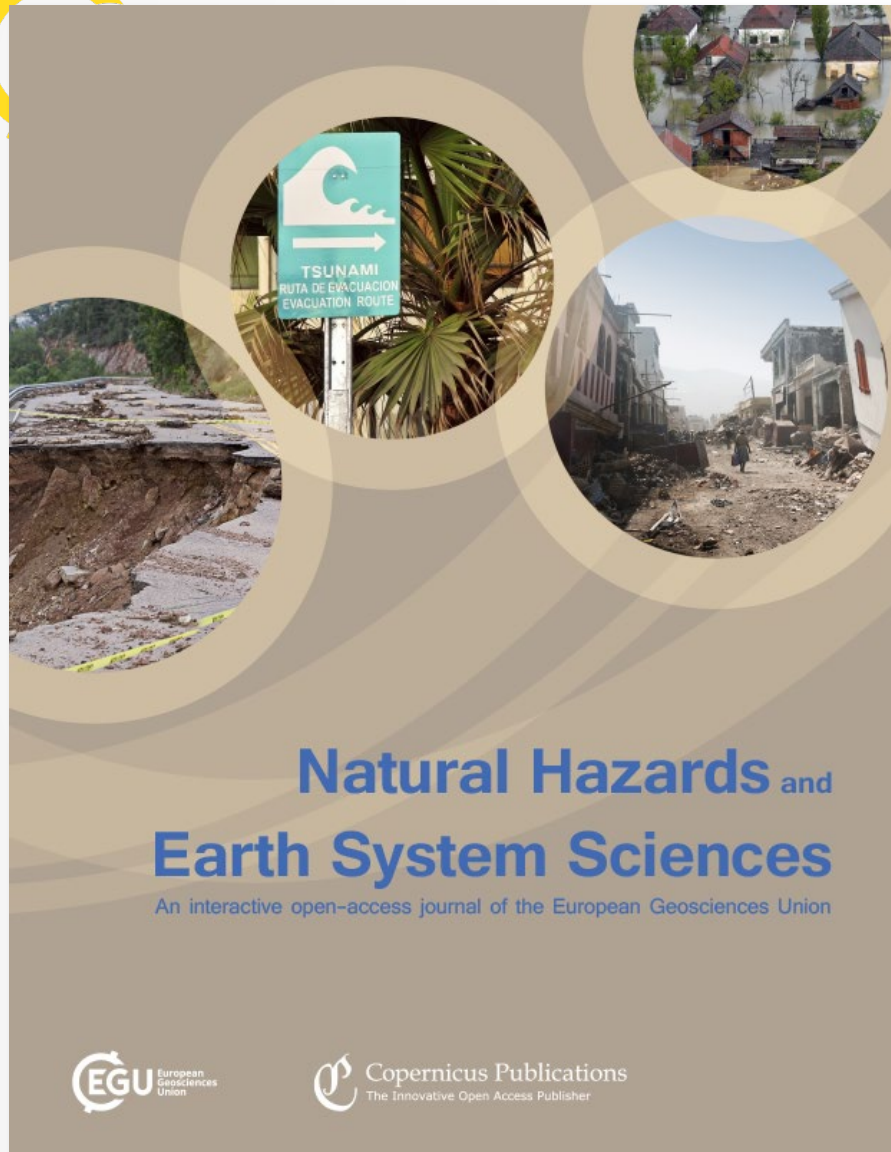
INZ EGU

CALL FOR MENTORS

APPLY TO BECOME A MENTOR AT #EGU23

- Support people attending EGU for the first time
- Meet other interesting scientists from all career stages
- Share your experience with them

The poster features an illustration of two people sitting at a table, one holding a coffee cup. The background is a light grey with a subtle geometric pattern.



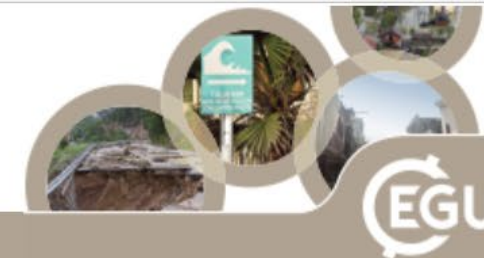
Executive editors: Maria Ana Baptista, Animesh Gain, Heidi Kreibich, Bruce D. Malamud, Paolo Tarolli & Uwe Ulbrich
eISSN: NHESS 1684-9981, NHESSD 2195-9269

Natural Hazards and Earth System Sciences (NHESS) is a not-for-profit interdisciplinary and international journal dedicated to the public discussion and open-access publication of high-quality studies and original research on natural hazards and their consequences. Embracing a holistic Earth system science approach, NHESS serves a wide and diverse community of research scientists, practitioners, and decision makers concerned with detection of natural hazards, monitoring and modelling, vulnerability and risk assessment, and the design and implementation of mitigation and adaptation strategies, including economical, societal, and educational aspects.



Natural Hazards and Earth System Sciences

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Natural Hazards and Earth System Sciences

Journal report 2022



393

Manuscripts submitted (report year)

-3%

Relative change (pre-report year)

5806

Manuscripts submitted (all time)

220

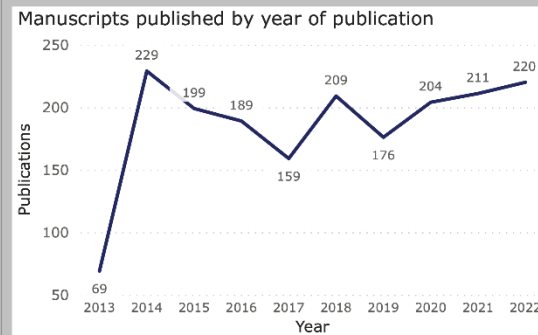
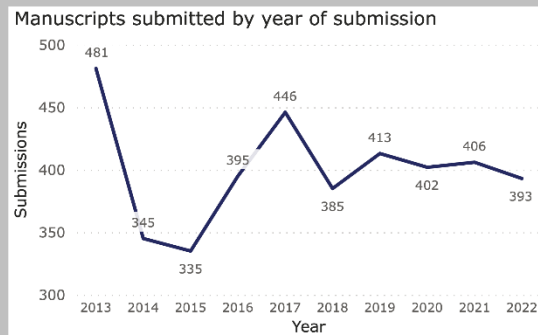
Articles published (report year)

4%

Relative change (pre-report year)

1938

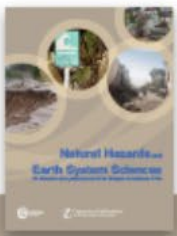
Articles published (all time)



NHESS journal report 2022 (published April 2023)

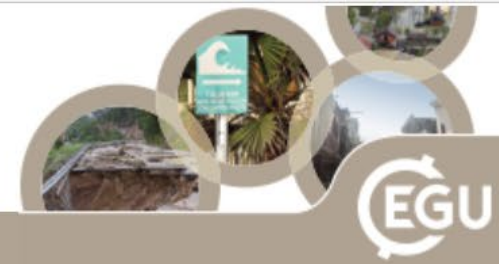
Breakdown: most frequently selected subjects

| Subject | Articles | % change |
|---|----------|----------|
| Hydrological Hazards | 36 | 33% |
| Sea, Ocean and Coastal Hazards | 35 | -8% |
| Risk Assessment, Mitigation and Adaptation Strategies, Socioeconomic and Management Aspects | 33 | -6% |
| Landslides and Debris Flows Hazards | 32 | 23% |
| Atmospheric, Meteorological and Climatological Hazards | 25 | -42% |
| Other Hazards (e.g., Glacial and Snow Hazards, Karst, Wildfires Hazards, and Medical Geo-Hazards) | 23 | 64% |
| Earthquake Hazards | 19 | 111% |
| Databases, GIS, Remote Sensing, Early Warning Systems and Monitoring Technologies | 10 | -29% |
| Volcanic Hazards | 6 | 50% |
| Dissemination, Education, Outreach and Teaching | 1 | 0% |



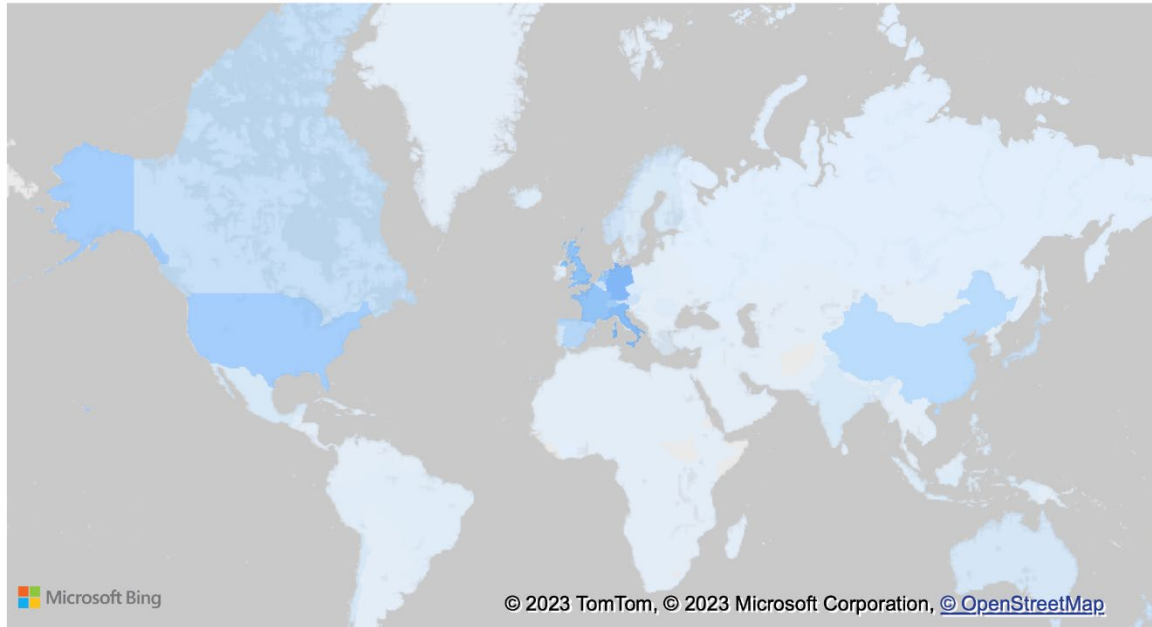
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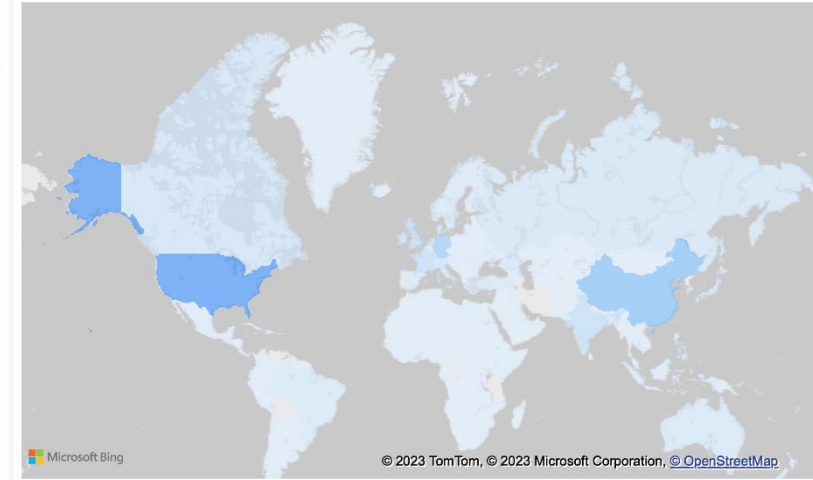


| EGU.eu | [EGU Journals](#) | [EGU Highlight Articles](#) | [Contact](#) | [Imprint](#) |

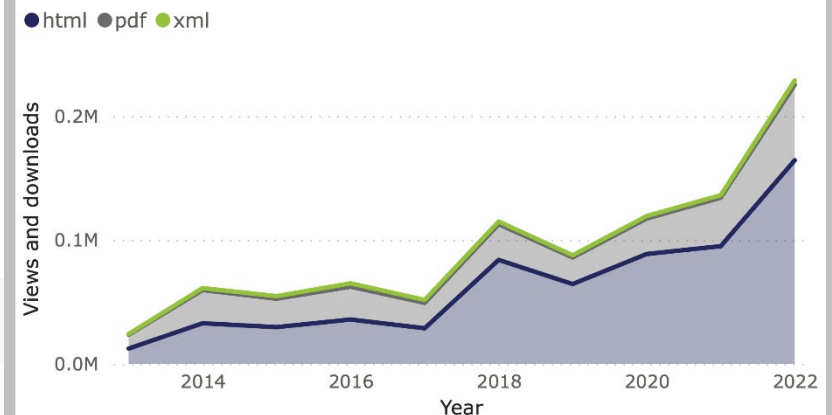
Global share of publications (report year)

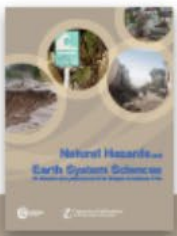


Global views and downloads (report year)



Views and downloads by year and filetype



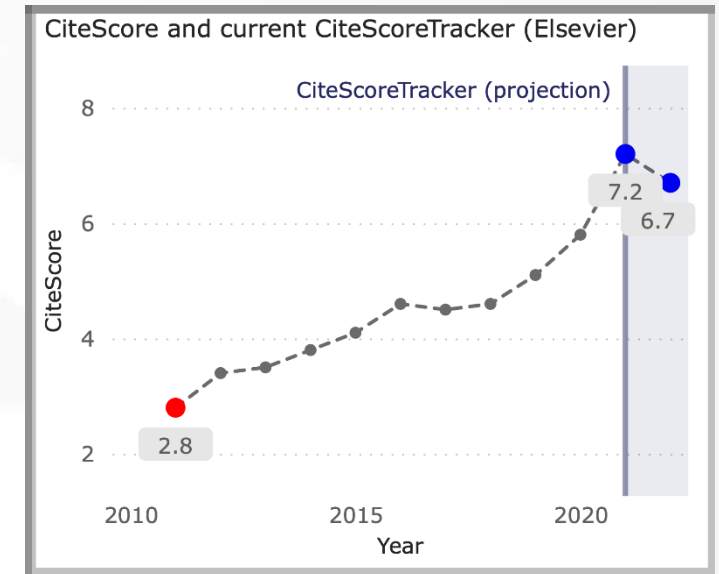
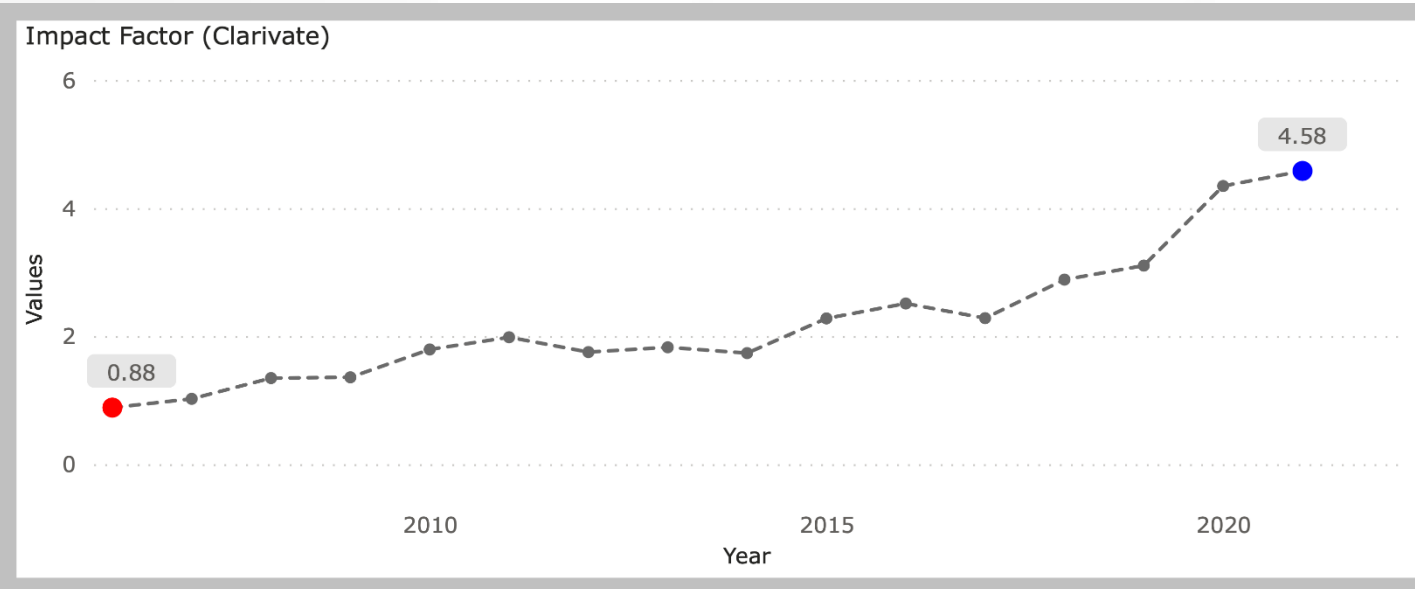


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Web of Science

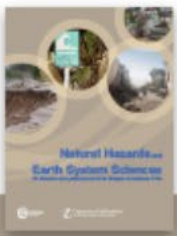
2021

- Q1** (78.5th 22/100) in *Water Resources* category
- Q1** (79.5th 42/202) in *Geosciences Multidisciplinary* category
- Q2** (68.6th 30/94) in *Meteorology & Atmospheric Sciences* category

Scopus

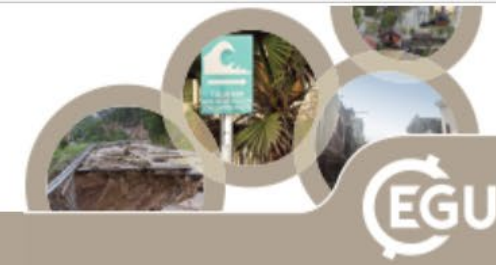
2021

- Q1** (90th 19/191) in *General Earth and Planetary Sciences* category



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@EGU_NHESS

please interact with us!!

(tweet our articles)

(promote articles you edit)

(promote special issues)

← **Natural Hazards and Earth System Sciences (...)**
4.023 Tweet



... ✉ 🔔 **Following**

Natural Hazards and Earth System Sciences (NHESS)
@EGU_NHESS Ti segue

An interdisciplinary #openaccess EGU journal on natural hazards 🌪️🌊🌪️🌋🌋🌋 & their consequences for 🌍 and 🏠👨👩👧👦 | @NH_EGU | @EuroGeosciences

🔗 [...hazards-and-earth-system-sciences.net/imprint.html](https://hazards-and-earth-system-sciences.net/imprint.html)

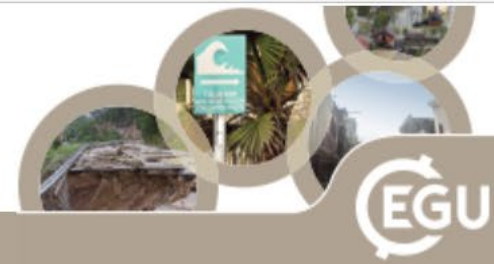
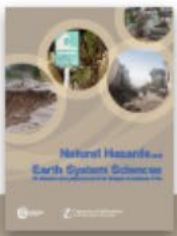
📅 Iscrizione: luglio 2014

51 following **3.317** follower

Seguito da Land Environment Agriculture Forestry TerrACE Project e altri
24 che segui

2021: 2389 followers
2022: 2911 followers
2023: 3317 followers

**+ 406 followers
(last year)**



Editorial board



Thank you Executive Editor

Heidi Kreibich!!



Search New Executive Editors

at least 1 position to replace Heidi; Uwe (?)

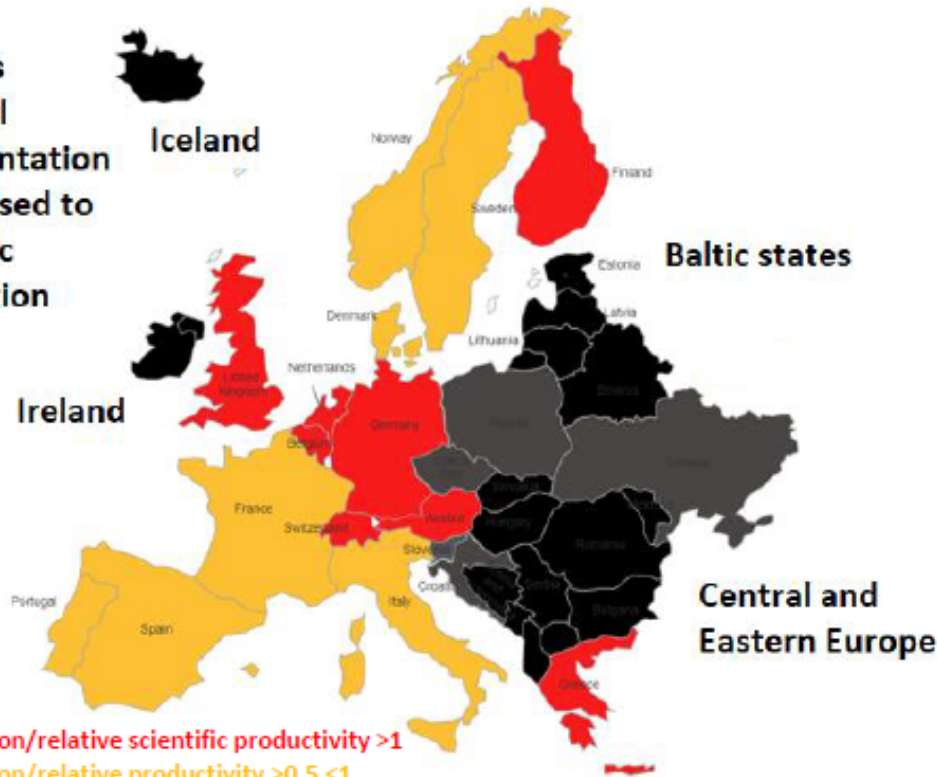
Search new members of the Editorial board: **Earthquake hazard**



Europeans and the EGU: who is missing?



EGU journals editorial representation normalised to scientific production



relative representation/relative scientific productivity >1
 relative representation/relative productivity >0.5 <1
 relative representation/relative scientific productivity close to 0

Dark zone:

- 30% of Europe's population
- 16% of the number of authors in Earth and Planetary sciences
- 12% of scientific production in Earth and Planetary sciences
- 9% of EGU presenters
- 4% of European Research Council (ERC) grantees in PE10
- 2% of EGU awards
- 1% of European editors in EGU journals
- < 1% EGU leadership (1 division president)

As a European organisation EGU must expand its network and influence to many European countries, to gain access to new data and knowledge.

We need you to join us! Outreach is needed for talent not to be wasted!
Union Symposium 3, Friday, 28 Apr, 08:30–12:30 (CEST) Room E1

Any other business?

- Suggestions how to further improve NH division structure, processes and activities
- 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

Thank you for EGU 2023!

EGU23 Feedback Survey

Survey open until end of June

<https://www.egu23.eu/feedback>

**Please
Give Us
Feedback!**

