

# 2025 Division Meeting Hydrological Sciences

Alberto Viglione

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European Geosciences Union

Vienna, Austria & Online | 27 April–2 May 2025



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

## Welcome to the HS Division meeting

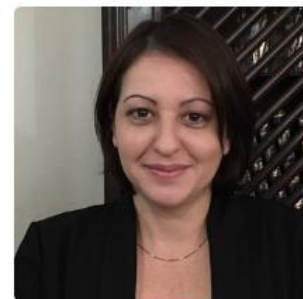


Alberto Viglione  
Politecnico di Torino, Italy

**HS Division President  
(2023-2027)**

**&**

**Programme Group (HS) Chair  
(EGU25)**



Maria-Helena Ramos  
INRAE, France

**HS Division Deputy President  
(2023-2025)**

**&**

**Programme Committee Co-chair  
(EGU25)**

## Agenda

1. EGU25: News from the EGU Programme Committee
2. HS Programme, Programme Group Chairs & Science Officers
3. Early Career Scientists activities & ECS reps, Outreach and Communication
4. Medal Committees & Division Medallists and Awardees
5. Outstanding Student Posters and PICOs: coordination & awardees
6. EGU related events
7. Hydrology and Earth System Sciences (HESS): report & awards
8. Any other business



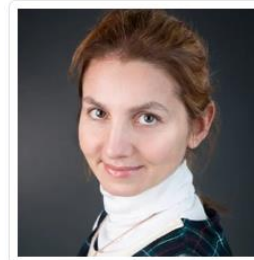
## The EGU Programme Committee welcomes you to EGU25!



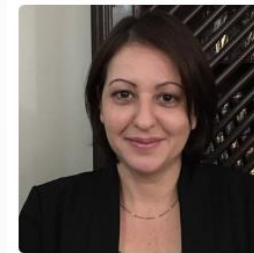
Meet the PC Co-chairs &  
EGU Events Manager:

On-site:  
**Wed, 30 April**  
**15:30-16:00 CEST**  
**EGU Booth**  
**Hall X2**

Virtual:  
**Tue, 29 April**  
**10:15-10:45 CEST**  
**vEGU Booth**  
**Gather.Town**



Ira Didenkulova  
PC Co-chair

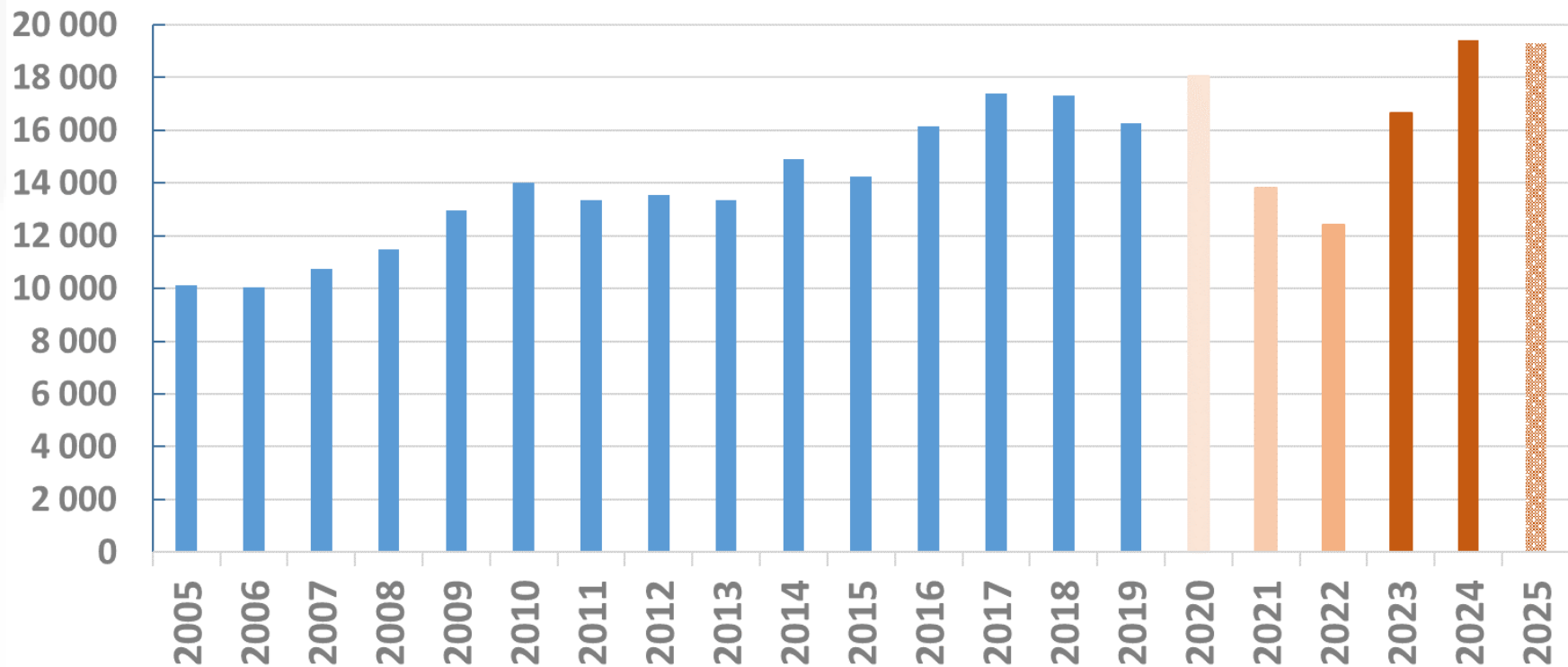


Maria-Helena Ramos  
PC Co-chair



Jane Roussak  
Events Manager

EGU25 Abstract Submission Over Time



**19,285 active scheduled abstracts in 2025**

On-site only  
up to 2019

Online only

Hybrid orals only

Fully hybrid since 2023

(as of 16 April 2025)

## EGU25: numbers at a glance

- **1,099 active sessions** in total (+7% EGU24):
  - 730 disciplinary PG sessions, of which 48 are ITS sessions
  - 20 Education and Outreach Sessions (EOS), incl. GIFT workshop
  - 62 Short Courses + 2 Artist in Residence workshops
  - 39 Medal and Award Lectures
  - 9 Union Symposia and 9 Great Debates
  - 146 Townhall & Splinter meetings scheduled
- **ECS Networking, Science for Policy, and EDI Committee events**



EGU23 oral presentation  
Photo credit: Pfluegl 2023

More on: <https://www.egu25.eu/>

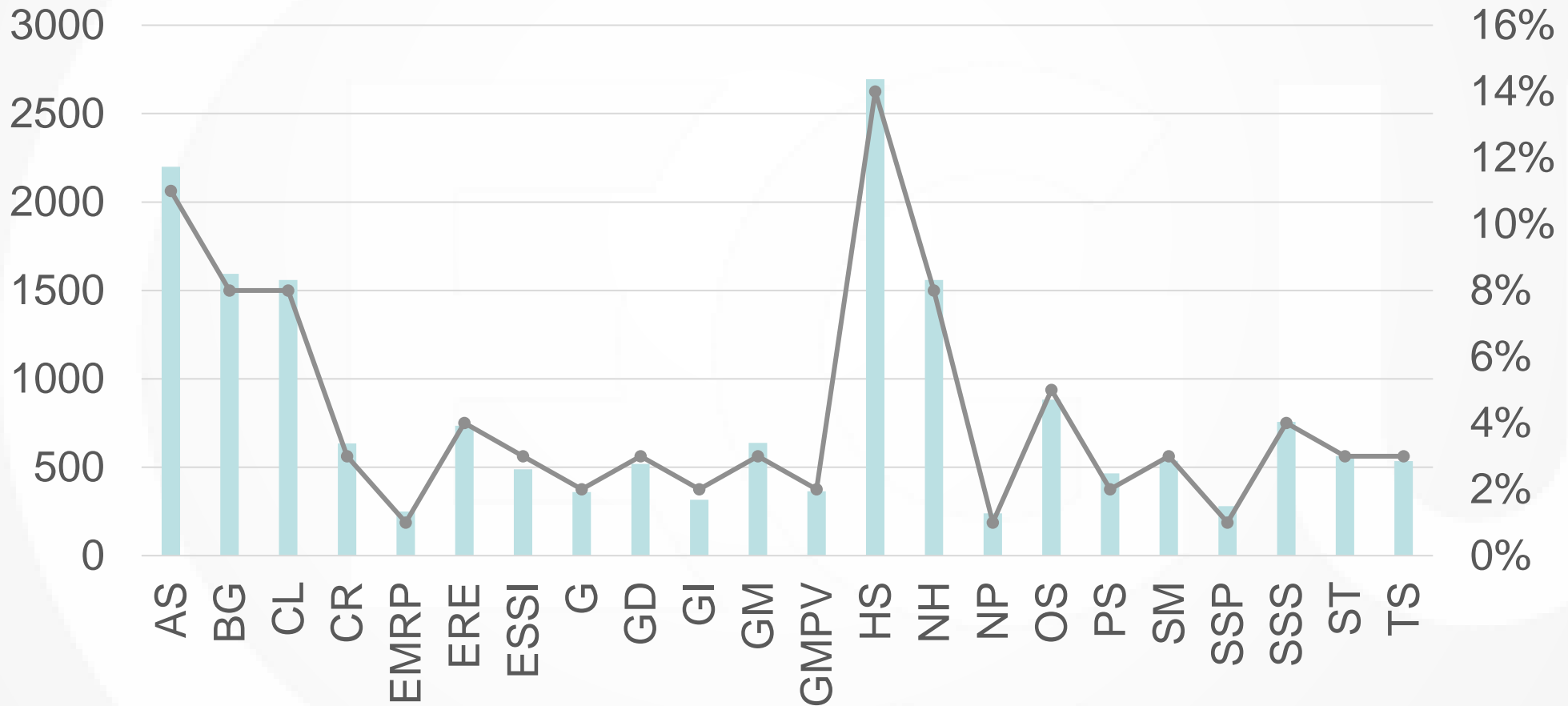


General  
Assembly

2025

Vienna, Austria & Online | 27 April–2 May 2025

### Abstracts in (lead) sessions per Programme Group (PG)



(as of 16 April 2025)



## HS Division programme

112 active sessions  
2,686 active abstracts:  
1,201 orals  
366 PICOs  
1,119 posters  
ECS 61%

download the pdf at  
<https://blogs.egu.eu/divisions/hs/2025/04/10/hydrology-highlights-at-egu25-your-pocket-guide/>

Monday 28 April				
Oral sessions:	8:30-10:15	10:45-12:30	14:00-15:45	16:15-18:00
3.16/17	HS5.1.5	HS5.1.5	HS2.3.1	HS5.1.5
3.29/30	HS2.3.3	HS2.3.3	HS7.2	HS7.2
B	HS8.2.3	HS8.2.3	HS8.2.4	HS8.2.4
C			HS2.2.1	HS2.2.1
2.15		HS6.1	HS8.2.10	HS2.4.5
2.17	HS7.8	HS3.1	HS1.2.6	HS7.7
2.23				
2.31	HS6.10	HS6.10	HS10.7	HS6.10
2.44	HS2.2.4	HS8.2.2	HS10.2	HS10.1
Pico sessions:	8:30-10:15	10:45-12:30	14:00-15:45	16:15-18:00
Hall A	HS2.4.7	HS2.4.7	HS5-HS8 vp	HS2.1.6
Hall X4				
Posters:	8:30-10:15	10:45-12:30	14:00-15:45	16:15-18:00
Hall A	HS8.2.2	HS1.2.6	HS1.1.3	HS1.2.3
	HS8.2.10	HS2.2.4	HS1.2.2	HS2.3.1
	HS10.1	HS7.7	HS1.3.3	HS2.3.3
	HS10.2	HS7.8	HS2.4.5	HS3.1
		HS10.7	HS6.10	HS7.5

Sub-Groups:	
HS1	General Hydrology
HS2	Catchment Hydrology
HS3	Hydroinformatics
HS4	Hydrological forecasting
HS5	Water policy, management and control
HS6	Remote sensing and data assimilation
HS7	Precipitation and climate
HS8	Subsurface hydrology
HS9	Erosion, sedimentation & river processes
HS10	Ecohydrology and limnology

\* The Henry Darcy and John Dalton Medal Lectures will be given by Jan Seibert and Paolo D'Odorico on Tuesday and Thursday evening, 19:00-20:00, in Room B

\* The ECS award lecture will be given by Frederik Kratzert on Thursday, 14:00-14:45, in Room C

Tuesday 29 April				
8:30-10:15	10:45-12:30	14:00-15:45	16:15-18:00	
HS2.3.1	HS2.3.3	HS2.1.2	HS2.1.2	
HS9.4	HS9.4	HS7.5	HS7.5	
HS2.2.1	HS8.2.4	HS8.2.3	HS8.2.3	
HS6.8	HS6.1	HS2.4.3	HS2.4.3	
HS5.4.1	HS5.4.1			
HS4.8	HS10.6	HS2.3.4	HS2.3.5	
HS10.1	HS10.10	HS1.3.4	HS8.3.5	
8:30-10:15	10:45-12:30	14:00-15:45	16:15-18:00	
HS2.4.7	HS2.1.6	HS3-HS4 vp	HS2.4.4	
HS7.4	HS7.1		HS9.6	
8:30-10:15	10:45-12:30	14:00-15:45	16:15-18:00	
HS7.2	HS1.3.4	HS1.1.1	HS2.3.4	
HS8.2.3	HS2.2.1	HS6.1	HS3.3	
HS8.2.4	HS4.8	HS8.3.5	HS4.5	
HS10.10	HS5.1.5	HS9.4	HS5.4.1	
	HS6.8	HS10.6	HS8.3.2	

Thursday 1 May				
8:30-10:15	10:45-12:30	14:00-15:45	16:15-18:00	
HS2.5.1	HS10.3	HS10.3	HS5.2.1	
HS2.1.3	HS5.3.1	HS5.3.1	HS4.10	
HS10.4	HS10.4	HS2.4.1	HS2.4.1	
HS4.2	HS4.2	HS3.6	HS8.2.5	
HS1.1.4	HS2.4.2	HS4.3	HS1.1.6	
HS5.4.2	HS5.1.4	HS8.3.6	HS6.5	
HS8.1.1	HS8.1.3	HS8.1.2	HS8.1.1	
8:30-10:15	10:45-12:30	14:00-15:45	16:15-18:00	
HS1.2.1	HS4.11	HS1.7-9-10	HS5.4.4	
HS6.9	HS8.3.4		HS5.1.7	
8:30-10:15	10:45-12:30	14:00-15:45	16:15-18:00	
HS2.4.1	HS1.1.4	HS5.3.2	HS2.4.2	
HS3.4	HS1.1.6	HS8.1.3	HS3.6	
HS5.1.4	HS6.5	HS8.2.7	HS4.3	
HS10.3	HS8.1.1	HS8.2.8	HS8.1.2	
	HS8.3.6			

Wednesday 30 April				
8:30-10:15	10:45-12:30	14:00-15:45	16:15-18:00	
HS3.3	HS3.3	HS2.5.2	HS2.5.1	
HS9.2	HS9.2	HS5.3.1	HS2.1.3	
HS2.4.1	HS2.4.1	HS3.4	HS3.4	
HS2.1.1	HS2.1.1	HS1.1.1	HS4.2	
HS1.3.5	HS7.6	HS4.5	HS4.6	
HS4.7	HS3.8	HS3.7	HS8.3.1	
HS2.2.2	HS8.2.6	HS8.1.7	HS8.2.8	
8:30-10:15	10:45-12:30	14:00-15:45	16:15-18:00	
HS2.4.4	HS7.3		HS1.2.1	
HS2.5.3	HS4.4		HS7.9	
8:30-10:15	10:45-12:30	14:00-15:45	16:15-18:00	
HS2.3.5	HS2.2.2	HS2.1.1	HS1.3.5	
HS2.4.3	HS2.5.1	HS2.1.2	HS4.7	
HS7.6	HS2.5.2	HS2.1.3	HS5.3.1	
HS8.1.7	HS3.7	HS3.8	HS9.2	
	HS8.3.1	HS4.6	HS8.2.6	

Friday 2 May				
8:30-10:15	10:45-12:30	14:00-15:45	16:15-18:00	
HS3.6	HS3.6	HS1.2.4		
HS4.10	HS5.2.1			
HS10.4	HS10.4	HS8.2.5		
HS8.2.5	HS6.4	HS6.4		
HS8.2.9	HS8.2.9	HS5.1.1	HS2.3.6	
	HS3.5	HS3.2	HS3.5	
HS1.1.5	HS5.4.2	HS1.1.5		
HS2.1.7	HS10.11	HS2.1.7	HS10.11	
8:30-10:15	10:45-12:30	14:00-15:45	16:15-18:00	
HS6.3	HS2.4.8	HS2-HS6 vp	HS5.3.4	
HS5.2.3	HS5.3.3			
8:30-10:15	10:45-12:30	14:00-15:45	16:15-18:00	
HS5.2.1	HS1.1.5	HS3.5	HS2.1.7	
HS5.4.2	HS1.2.4	HS4.2	HS3.2	
HS6.4	HS2.3.6	HS4.10	HS5.1.1	
HS10.11	HS8.2.5	HS10.4	HS8.2.9	

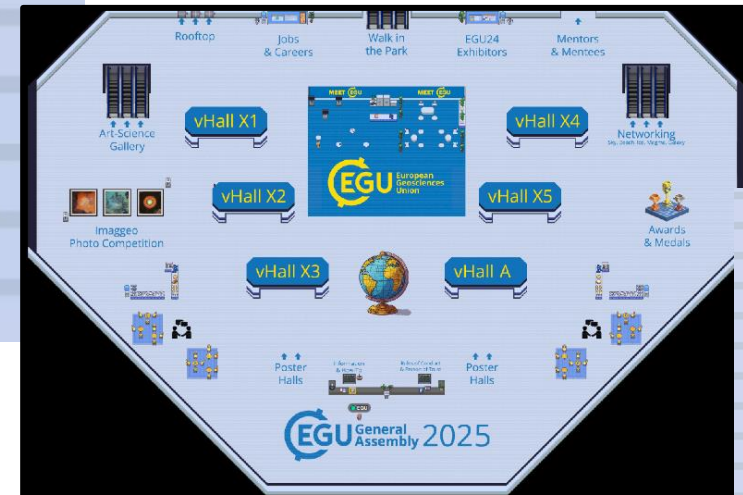


# All the seats taken in a session? Missing a day for travel?

## Join EGU25 online!



- Interactive 8-bit conference platform available to all EGU25 registered participants
- Used for **virtual posters** during timeblock 3, networking & more
- Custom design inspired by the Austria Center Vienna!



EGU



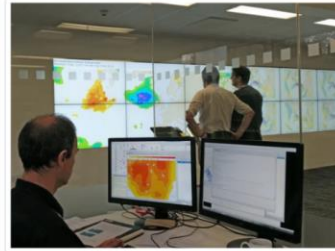
## Programme Group Chairs & Science Officers



Subdivision on Catchment hydrology



Subdivision on Hydroinformatics



Subdivision on Hydrological forecasting



Subdivision on Water policy, management and control



Subdivision on Remote sensing & data assimilation



Subdivision on Precipitation & climate



Subdivision on Subsurface hydrology (groundwater)



Subdivision on Subsurface hydrology (vadose zone)



Subdivision on Erosion, sedimentation & river processes



Subdivision on Ecohydrology and limnology

10 sub-programme groups

**Meet the Hydrological Sciences Division  
(President, SD chairs, ECS Reps)**

EGU booth – Hall X2  
Tue, 29 Apr, 15:45–16:45



**EGU23 EGU HS booth**

Photo credit: Ramos 2023

## Programme Group Chairs & Science Officers

### General hydrology

#### HS1:



Alberto Viglione  
Politecnico di Torino, Italy

This year special focus on:

**Water and Health**

Special session:

**HS1.1.1**

**Multifaced discussion on water and human health challenges**

Wed, 30 Apr, 14:00–15:45 (CEST) Room C

Speakers:

**Andrea Rinaldo, Kryss Waldschlager,  
Laura Richards, Stefan Krause**



## Programme Group Chairs & Science Officers

### Catchment Hydrology HS2:



Björn Guse  
University of Kiel  
Germany



Miriam Glendell  
James Hutton Institute  
Scotland UK

Sub-programme group meeting:

room 2.32

Thursday 1 May, 12:45-13:45

Looking for colleagues to step forward for organizing EGU27! Please contact Björn and Miriam.

2-year term (renewable once)

## Programme Group Chairs & Science Officers

**Hydroinformatics  
HS3:**



Emmanouil Varouchakis  
Technical University of Crete

2-year term (renewable once)

## Programme Group Chairs & Science Officers

### Hydrological Forecasting HS4:



Louise Slater  
University of Oxford

Sub-programme group meeting:

room 2.33

Wednesday 30 April, 12:45-13:45

2-year term (renewable once)



## Programme Group Chairs & Science Officers

**Water policy, management and control  
HS5:**



Andrea Cominola  
Einstein Center Digital Future and  
Technische Universität Berlin,  
Germany  
(outgoing)



Christian Klassert  
Helmholtz Centre for  
Environmental Research,  
Germany  
(incoming)

Sub-programme group meeting:

room 2.33  
Friday 2 May, 12:45-13:45

2-year term (renewable once)

## Programme Group Chairs & Science Officers

**Remote sensing & data assimilation  
HS6:**



Rafael Pimentel  
University of Cordoba, Spain

Sub-programme group meeting:

room 2.32

Tuesday 29 April, 18:00-19:00

Looking for colleagues to step forward for organizing EGU27! Please contact Rafa.

2-year term (renewable once)

## Programme Group Chairs & Science Officers

### Precipitation and Climate HS7:



Roberto Deidda  
Università degli studi di Cagliari,  
Italy

Sub-programme group meeting:

room 2.32

Wednesday 30 April, 18:00-19:00

2-year term (renewable once)



## Programme Group Chairs & Science Officers

### Subsurface hydrology HS8:

Groundwater: Irina Engelhardt



Technische Universität Berlin,  
Germany (outgoing)



Linda Luquot  
Université de Montpellier, France  
(incoming)

Vadose zone: Roland Baatz

Leibniz Centre for Agricultural  
Landscape Research (ZALF),  
Germany



Sub-programme group meeting:

room 2.32  
Friday 2 May, 12:45-13:45

2-year term (renewable once)

## Programme Group Chairs & Science Officers

**Erosion, sedimentation & river processes  
HS9:**



Olivier Evrard  
Laboratoire des Sciences du  
Climat et de l'Environnement,  
France

Sub-programme group meeting:

room 2.32

Thursday 1 May, 9:15-10:15

Looking for colleagues to step forward for organizing EGU27! Please contact Olivier.

2-year term (renewable once)

## Programme Group Chairs & Science Officers

**Ecohydrology and limnology  
HS10:**



Natalie Orlowski  
TU Dresden,  
Germany

Sub-programme group meeting:

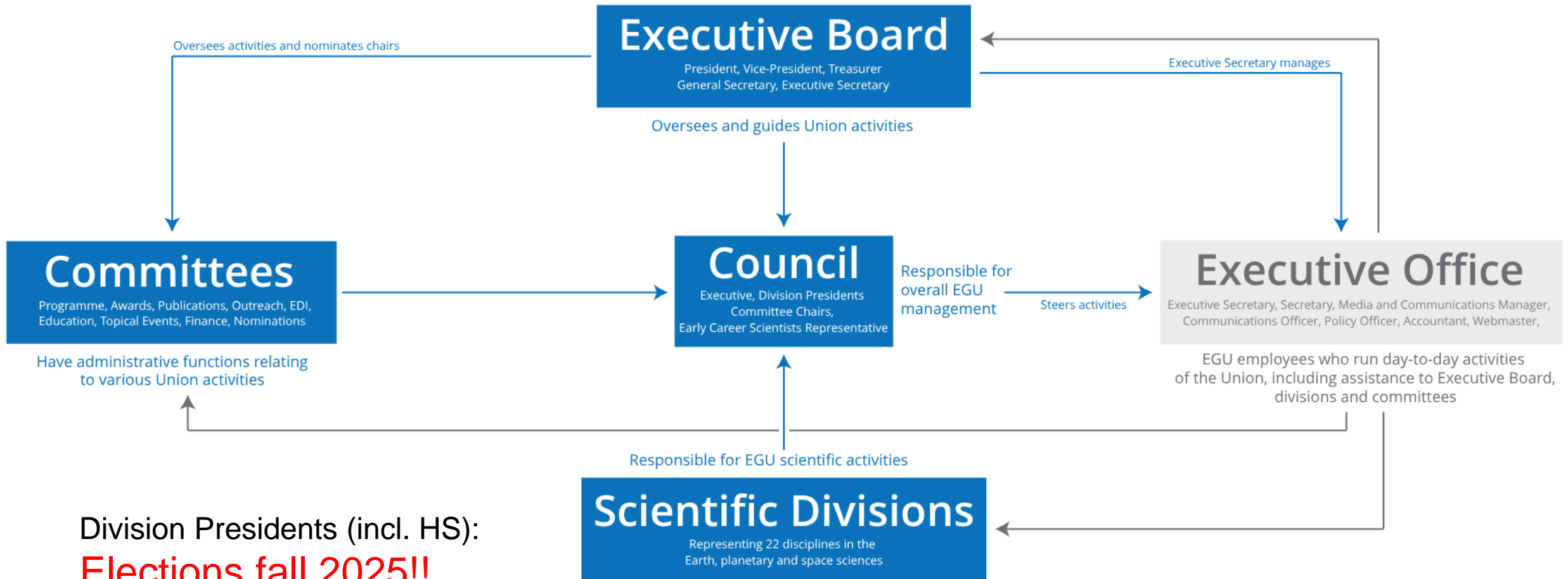
room 2.32

Wednesday 30 April, 12:45-13:45

Looking for colleagues to step forward for organizing EGU27! Please contact Natalie.

2-year term (renewable once)





Division Presidents (incl. HS):  
**Elections fall 2025!!**  
Call during summer



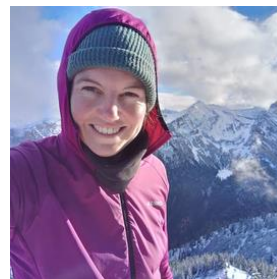
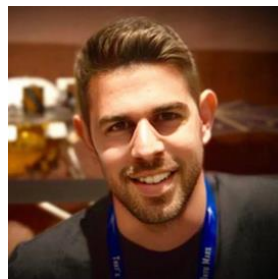
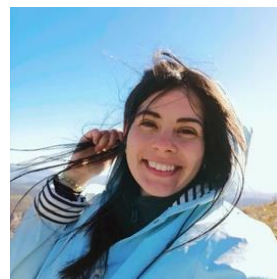
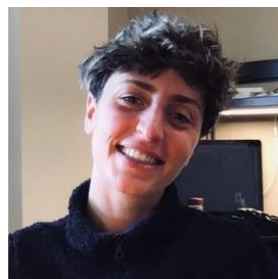
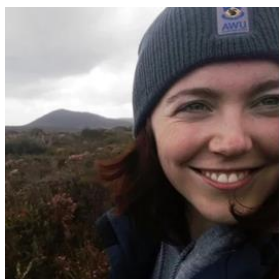
# Early Career Scientist Representatives



<https://www.egu.eu/ecs>



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





## Early Career Scientists | HS Representatives

**Outgoing:** Christina Orieschnig (IRD, France)



Melissa Reidy (SLU, Sweden)



**Incoming:** Archita Bhattacharyya (Lancaster University, UK)



## Early Career Scientists | Team



Thanos Serafeim

HydroData Chronicles



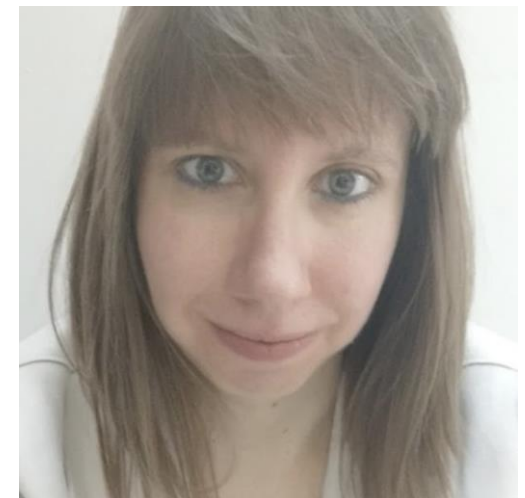
Relebohile Mabathoana

Social Media  
Newlsetter



Vikram Kumar

Social Media



Georgia Papacharalampous

Social Media



## Early Career Scientists | Activities 2024-25

- Regular newsletter, sent with new internal mailing tool



[View this email in your browser](#)



Issue 9, April 2025

Dear Colleagues,

Welcome to the April newsletter of the EGU Hydrological Sciences Division! This month, we're pleased to share our pocket guide to the hydrology highlights at EGU25, an exciting wrap-up paper of the Panta Rhei decade, the EStreams dataset, the new HydroTalks podcast episode, and much more. We also invite you to the HydroMeet networking event in Vienna!

Have a fantastic month!

Alberto Viglione, Division President  
Christina Orieschnig & Melissa Reidy, ECS Reps

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### Upcoming Events and Deadlines



#### HYDROLOGY HIGHLIGHTS AT EGU25: YOUR POCKET GUIDE!

Not sure where to start at EGU25? Check out this pocket guide for a summary of all the hydrology highlights at the GA - from the HydroMeet networking event to the Division meeting. Plus, the EGU25 app is now available for free to help you navigate your GA journey.

[Find Out More](#)


## Early Career Scientists | Activities 2024-25

- Regular newsletter, sent with new internal mailing tool
- Cooperation with YHS and IAHS
  - Cross-promotion of news and updates
  - Networking events such as HydroMeet


### THE PANTA RHEI SYNTHESIS PAPER IS OUT!

Between 2013 and 2022, the IAHS scientific decade *Panta Rhei* helped enhance our understanding of the interactions between hydrology and society. Now, a new synthesis paper sums up 10 years of progress. A must-read for every hydrologist!

[Read more](#)



Cross Cutting	→	Vibrant inter- and transdisciplinary community; international cooperation of hydrologists and social scientists
Monitoring and data analysis	→	Improved data accessibility and usefulness (e.g. CAMELS), new data (e.g. social media, novel sensors), machine learning, test mining, citizen science
Drivers of change	→	Attribution of change to multiple drivers; better separation and quantification of driver contributions
Understanding socio-hydrological systems	→	Understanding causalities, feedbacks and twoway coupling, generic long-term human-water system developments (unintended consequences, phenomenon, system archetypes)
Modelling and prediction	→	Socio-hydrological models, new conceptualisation of human behaviour, improved parameter estimation, Bayesian inferencing, integration of qualitative and quantitative data
Water management and adaptation to change	→	Future scenarios and possibility spaces, adaptive management, participatory and inclusive governance





Want to meet other early career hydrologists and make connections going into EGU25? Join us at HydroMeet, the official networking event organized by the Young Hydrologic Society (YHS) as well as the early career scientist representatives of the EGU Hydrological Sciences Division and the International Association of Hydrological Sciences (IAHS).

Bring something to eat and get ready to meet new colleagues, collaborators, and friends over a convivial lunch.

#### When?

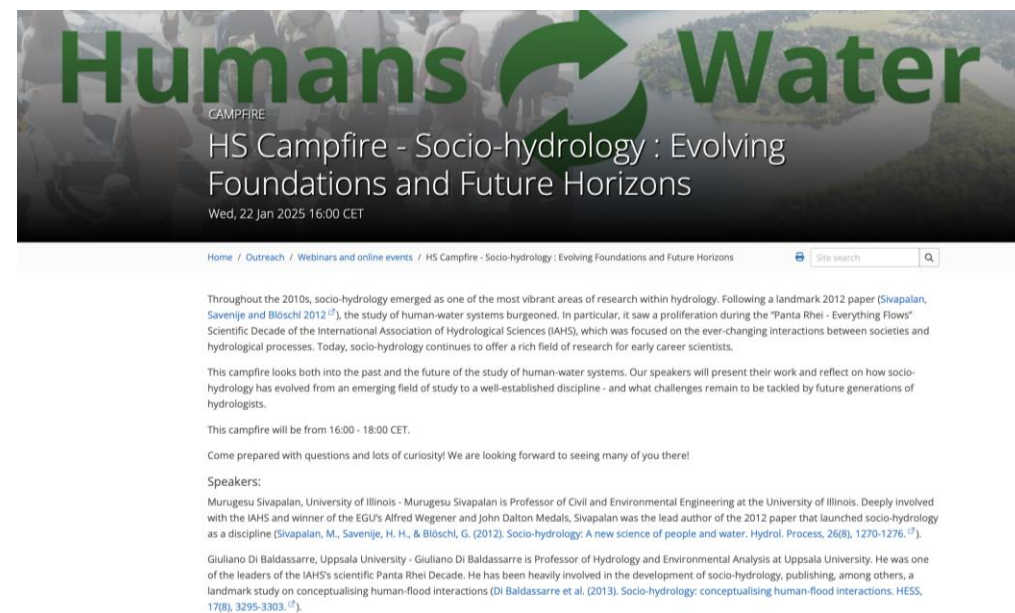
Monday, April 28 12:30-13:30

#### Where?

Terrace G, Purple Level, Austria Center Vienna  
Bad weather alternative: Suite C, Red Level!

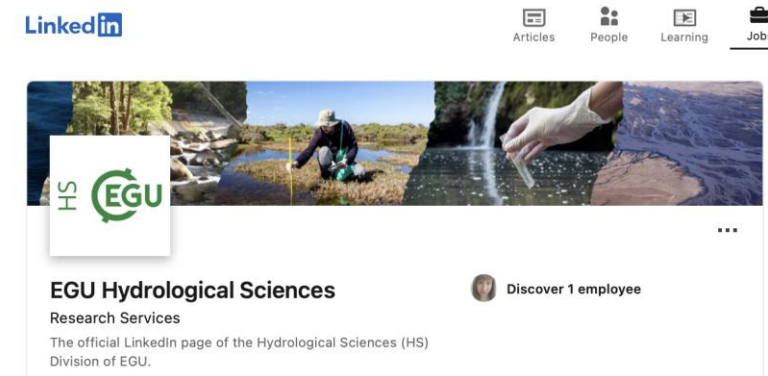
## Early Career Scientists | Activities 2024-25

- Regular newsletter, sent with new internal mailing tool
- Cooperation with YHS and IAHS
  - Cross-promotion of news and updates
  - Networking events such as HydroMeet
- Campfire events



## Early Career Scientists | Activities 2024-25

- Regular newsletter, sent with new internal mailing tool
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  - Networking events such as HydroMeet
- Campfire events
- Social media: HS is now on BlueSky!





## Early Career Scientists | Activities 2024-25

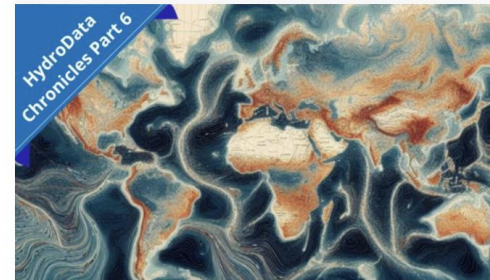


**Blog editor in chief: Bettina Schaepli**

- Regular newsletter, sent with new internal mailing tool
- Cooperation with YHS and IAHS
  - Cross-promotion of news and updates
  - Networking events such as HydroMeet
- Campfire events
- Social media: HS is now on BlueSky!
- 40 blog posts published including the HydroData Chronicles

### HydroData Chronicles: Unveiling EStreams – A Comprehensive Hydro- Climatic Dataset for Europe

Athanasios V. Serafeim and Thiago Nascimento  
· March 13, 2025



We're back to the HydroData Chronicles, where we enter into the exceptionally wonderful world—as massive as it is—of datasets about water phenomena, such as rivers and weather. Today, we focus on EStreams, a

### By bike to the General Assembly in Vienna

Duncan Faulkner · April 8, 2025



I'm Duncan Faulkner, a hydrologist working for JBA Consulting, and also President of the British Hydrological Society. My first General Assembly – in Hamburg Thirty years ago, 1995, I was about to board a plane for the European Geophysical Society (EGS) General Assembly in Hamburg, to present my first paper at a conference (on statistical modelling of rainfall, if I remember right). Mu ...

[\[Read More\]](#)

## Early Career Scientists | Activities 2024-25

- Regular newsletter, sent with new internal mailing tool
- Cooperation with YHS and IAHS
  - Cross-promotion of news and updates
  - Networking events such as HydroMeet
- Campfire events
- Social media: HS is now on BlueSky!
- Blog contributions, including the HydroData Chronicles
- HydroTalks podcast

HydroTalks: Dr. Ilja Van Meerveld and Sara Blanco on Landscape-Vegetation Interactions, Citizen Science, and CrowdWater

Archita Bhattacharyya · April 3, 2025 · Early Career Scientists · No Comments



## Early Career Scientists | Goals 2025-2026

1. Present a **platform for early career scientists** to share ideas, explore collaborative opportunities, and learn about career options.
2. Create **learning opportunities** about diverse subjects in hydrology and offer **networking** possibilities with specialists via our webinars and campfire events.
3. Bring hydrological sciences to a larger audience via our **podcast** and **blog posts**.
4. Collaborate with **international hydro ECS groups** to keep science open for all





General  
Assembly

2025

Vienna, Austria & Online | 27 April–2 May 2025

A photograph of a gold medal resting in its presentation box. The box is open, revealing a black interior. The medal is circular and features a detailed relief of a landscape with a mountain and a body of water. The box is surrounded by several white cards, each featuring the EGU logo in blue and yellow.

## Medals and Awards





General  
Assembly

2025

Vienna, Austria & Online | 27 April–2 May 2025

## Division Medallists and Awardees

### HS Division awards and medals:

- Outstanding Early Career Scientists Award
- John Dalton Medal
- Henry Darcy Medal

## Division Medallists and Awardees

### 2025 Arne Richter Award for Outstanding Early Career Scientists



**Frederik Kratzert**  
Google, Austria

*“... for outstanding research in hydrological modelling and open science, particularly through Artificial Intelligence-based approaches in large-sample hydrology studies”*

Thursday, 14:00-14:45, in Room C

**Long Short-Term Memory networks in hydrology: From free-time project to Google’s operational flood forecasting model**

## Division Medallists and Awardees

### 2025 HS Division John Dalton Medallist



**Paolo D'Odorico**  
Berkeley Uni., California

*“...for outstanding scholarship on water and its ties to environmental justice, energy, and food security”*

Thursday, 01 May, 19:00–20:00 (CEST) Room B

**The ‘safe operating space’ for  
global and local water use  
under climate and societal change**

## Division Medallists and Awardees

### 2025 HS Division Henry Darcy Medallist



**Jan Seibert**

University of Zurich, Switzerland

*“... for pioneering work promoting Open Science with hydrological models, and building bridges between experimentalists and modellers, between physical and conceptual approaches, and to citizen science”*

Tuesday, 29 Apr, 19:00–20:00 (CEST) Room B

**Developments in hydrological modelling:  
from Darcy’s work on public fountains to  
observations by the public**





# **EGU Award & Medal Celebration**

**Wednesday 30 April,  
17:00-19:30 CEST**

**#EGU25**

**Room E1**

## Medals & ECS Award Committees

### Early Career Outstanding Scientist Award Committee

- Alberto Viglione (HS Pres.)
- Inge de Graaf
- Andrea Cominola (incoming)



Manuela Brunner (outgoing)



2-year term, every year  
one step down/in

needs approval



## Medals & ECS Award Committees

### Committee for the John Dalton Medal

- Martha Anderson (chair)
- Luis Samaniego
- Taikan Oki
- Paul Bates
- Paolo D'Odorico (incoming)

Medal awarded for individuals in recognition of their **distinguished research in Hydrology as an Earth Science**

Brian Berkowitz (outgoing)

Ex-officio [not voting]: HS Division President and Chair of the Union Awards Committee

## Medals & ECS Award Committees

### Committee for the Henry Darcy Medal

- Wouter Buytaert (chair)
- Marc Bierkens
- Alberto Guadagnini
- Manuela Brunner (incoming)
- Jan Seibert (incoming)

Medal awarded for individuals in recognition of their outstanding scientific contributions in **water resources research and water resources engineering and management**

Berit Arheimer and Andreas Hartmann (outgoing)

Ex-officio [not voting]: HS Division President and Chair of the Union Awards Committee



## Division Medallists and Awardees 2026

- Call for nominations is open **until 15 June 2025**

	Division and Union medals	Outstanding ECS Award
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)

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



- Contact: Marian Holness (chair) [awards-medals@egu.eu](mailto:awards-medals@egu.eu)

## Division Medallists and Awardees 2026

Outstanding Early Career Scientists Award:

- Division Outstanding Early Career Scientists Award at the Division level
- Arne Richter Award for Outstanding Early Career Scientists at the Union level

Introduced in 2022: Divisions with a large number of nominations were able to send 2 candidates to compete in the Arne Richter Award

**Nominate your outstanding colleagues!**





General  
Assembly

2025

Vienna, Austria & Online | 27 April–2 May 2025

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This presentation participates in **OSPP**

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This presentation participates in **OSPP**

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**Outstanding Student  
Posters and PICOs**

## Outstanding Student Posters and PICOs: coordination & awardees

### Coordinators:



**Lina Stein**



**Robert Reinecke**



**Ritesh Patro**  
(incoming)

Rewards the best posters and PICOs of young scientists (current and recently completed graduates)

- In 2022: hybrid format with display material uploaded, **465(!)** participants
- In 2023: **365** participants.
- In 2024: **400** participants.
- In 2025: **395** participants.



## Outstanding Student Posters and PICOs: coordination & awardees

### Awardees 2024



Amirhossein Ershadi



Anastasia Vogelbacher



Anastasios Perdios



Franziska Clerc-Schwarzenbach



Mirjam Scheller



Patrick Sogno



Rui Guo



Sarah Hanus



Simon P.  
Heselschwerdt

The main rule is to give appr. 1 award per 30 eligible participants (>3 votes):  
→ **please VOTE!** (instructions at <https://www.egu.eu/awards-medals/ospp-award/>)

## Outstanding Student Posters and PICOs: coordination & awardees

**EGU** General Assembly **2025** Vienna, Austria & Online | 27 April–2 May 2025

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OSPP judge dashboard

Programme committee login  
Convener login  
OSPP coordinator tool login  
**OSPP judge dashboard login**

① Search

You are welcome to judge any\* abstract!  
(Link available on online presentation page)

Abstract	Session	Presentation		
EGU24-3398 Author name and abstract title	HS2.1.11 ✉	Board A.2 Hall A Thu, 10:45–12:30	<b>Decline</b> <b>Agree</b>	OSPP judge form

The main rule is to give appr. 1 award per 30 eligible participants (>3 votes):  
→ **please VOTE!** (instructions at <https://www.egu.eu/awards-medals/ospp-award/>)

# Outstanding Student Posters and PICOs: coordination & awardees

## Evaluation

### How to vote:

Scientific content

Correctness of methods and information

Significance of the work

Originality and creativity of the approach

Conclusions supported by data and analysis

Author's knowledge of the subject matter  
and comprehension of prior research in the field

Presentation technique

Organization and logical structure  
(e.g. clearly stated questions, results, and conclusions)

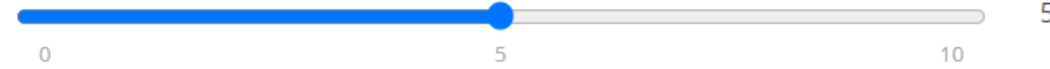
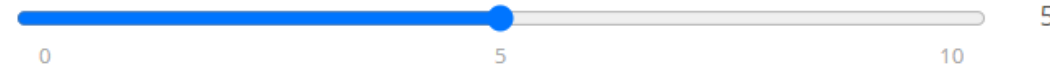
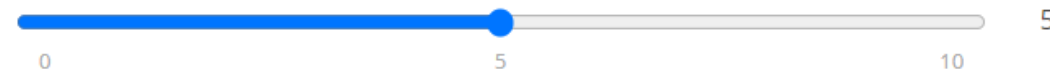
Visual clarity  
(e.g. clarity of figures, font sizes, use of space, headings)

Aesthetic appeal  
(e.g. layout, use of colour, density of information, neatness)

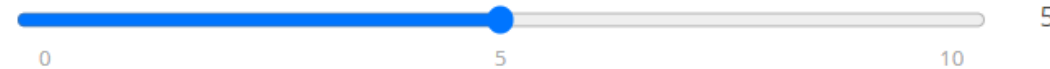
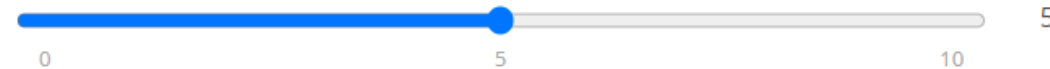
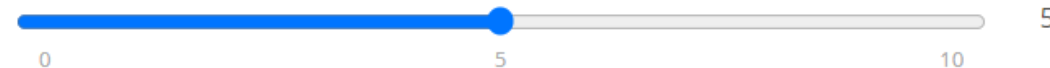
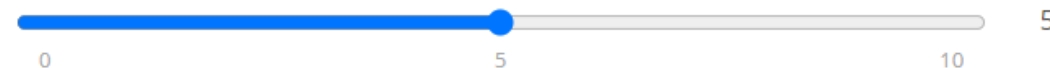
Good writing  
(e.g. easily readable, spelling, grammar)

Ability to answer questions

0 very poor | 5 average | 8 very good | 10 outstanding



0 very poor | 5 average | 8 very good | 10 outstanding



## Outstanding Student Posters and PICOs: coordination & awardees

### Evaluation

#### How to vote:

What was the one thing you liked most about the presentation?

Overall impression

- ☐ Outstanding and I highly recommend considering it for an award
- ☐ Very good and could be worth an award
- ☐ Good but is probably no award-candidate
- ☐ Fair quality
- ☐ Poor quality

Cancel

Save

Feedback reaches  
the students!

Submit vote







# From Science to People: Expecting the Unexpected in Flood and Drought Risk Management

19 June 2025 - 20 June 2025

Home

Research questions and  
invited speakers

Program of the conference

Abstract submission

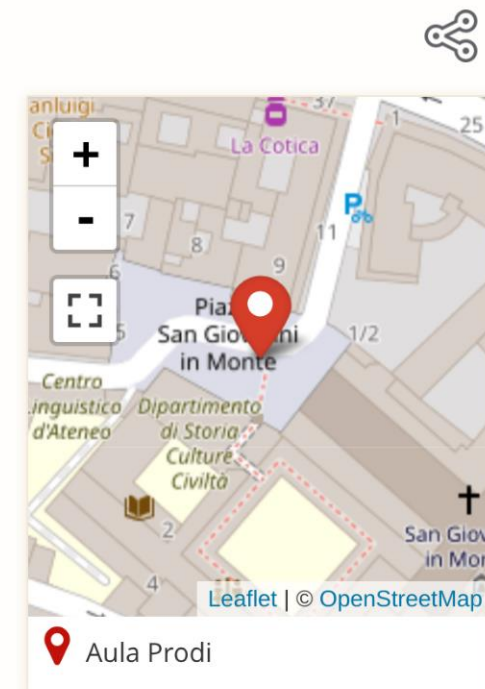
Support for early career  
scientists

Scientific Committee and  
Local Organising  
Committee

Logistic details, social  
events and contact  
information



The impact of floods and drought is often exacerbated by their occurrence with unexpected behaviors. Moreover, climate and environmental changes imply a lower predictability of hydrological extremes, with consequences that are not yet understood. Yet, surprise is still a neglected element in risk assessment and management. Overcoming these knowledge barriers requires an improved understanding of the conditions leading to surprise, that often arise from the interaction of water and societal processes, namely, systems that may be affected by randomness and complexity of different nature. A better understanding of **environmental, natural and anthropogenic risks**, their interrelation with **climate change**, the development of up-to-date research **methodology** and the **knowledge transfer** to disaster risk managers are timely and necessary. Considering the potential for surprise and devastating consequences requires a shift in thinking.




# Apply for funds to run a training school or conference in 2026!



Photo credit: **V. De Micco, 2024**

The EGU Topical Events Committee provides **financial support** to training school and conference organisers, with intent to facilitate participation of early career scientists and/or to support the quality of the event's scientific programme.

Learn more about eligibility  
& **submit your application**  
**by 16 May 2025** 







## EGU Special Activity Fund 2026 – call for proposals

**Goal:** Promote **high-profile, innovative, ‘out-of-the-box’**, not-profit **activities contributing to EGU’s vision and strategy**: <https://www.egu.eu/about/strategy/>

**Key points:** ~20-30k EUR per project, activity has to start and must be completed in 2026

**Application process:**

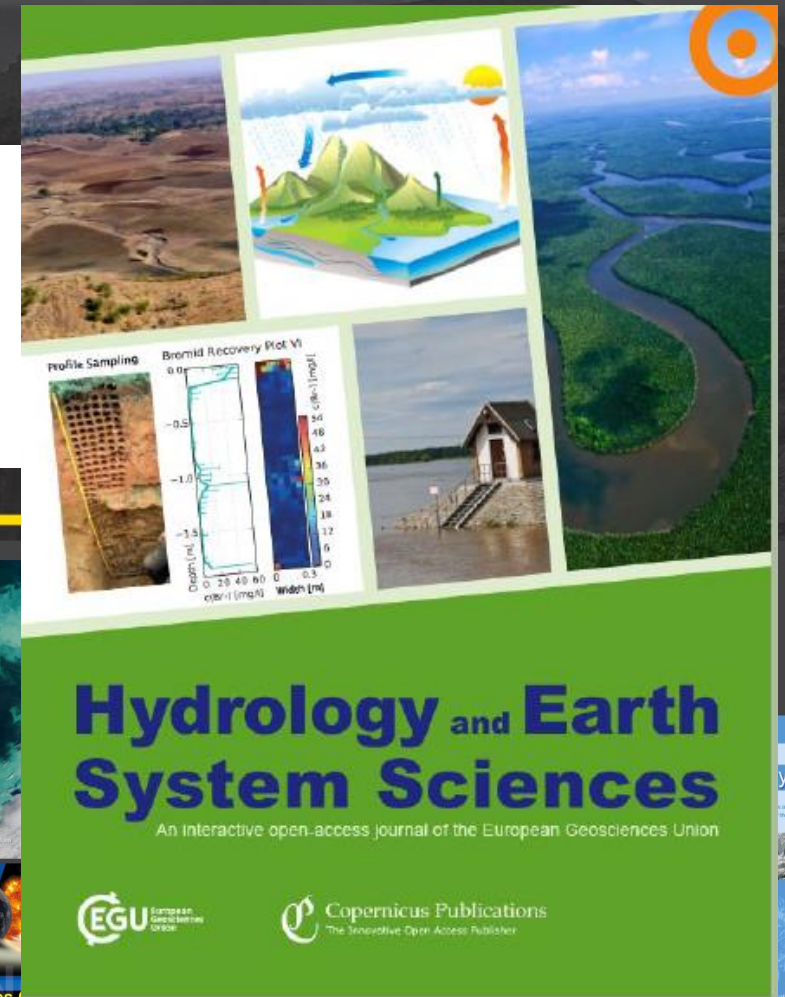
- Concept note due by Fri 13 June 2025
- Full proposals (upon invitation by mid-July) due by Fri 19 Sept 2025
- Decision by October 2025

For details and to **submit a concept note** (DL13.06.2025):

 <https://www.egu.eu/meetings/special-activity-fund/>

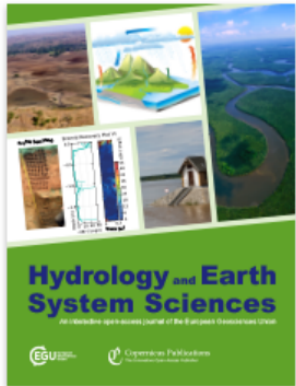


# HS-EGU journal: HESS



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

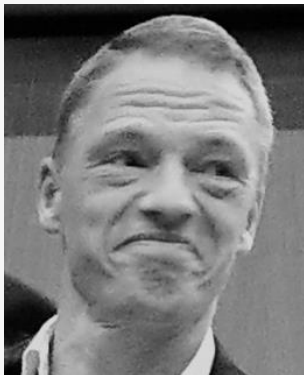
## Hydrology and Earth System Sciences (HESS) – Report and Awards



Executive editors ✉: Theresa Blume, Alberto Guadagnini, and Thom Bogaard & Hilary McMillan

eISSN: HESS 1607-7938, HESSD 1812-2116

Hydrology and Earth System Sciences (HESS) is a not-for-profit international two-stage open-access journal for the publication of original research in hydrology. HESS encourages and supports fundamental and applied research that advances the understanding of hydrological systems, their role in providing water for ecosystems and society, and the role of the water cycle in the functioning of the Earth system. A multi-disciplinary approach is encouraged that broadens the hydrological perspective and the advancement of hydrological science through integration with other cognate sciences and cross-fertilization across disciplinary boundaries.

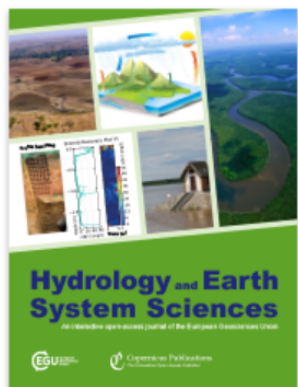


We are happy to welcome Hilary McMillan to our team of Executive Editors  
and we thank Erwin Zehe for his long and outstanding service as Executive and Chief Executive Editor!





# Hydrology and Earth System Sciences (HESS) – Report and Awards

INTERACTIVE PUBLIC  
PEER REVIEWARTICLE LEVEL  
METRICSMODERATE ARTICLE  
PROCESSING CHARGESFINANCIAL  
SUPPORT

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## Journal metrics

HESS is indexed in the Web of Science, Scopus, Google Scholar, etc. We refrain from displaying the journal metrics prominently on the landing page since citation metrics used in isolation do not describe importance, impact, or quality of a journal. However, these metrics can be found on the [journal metrics page](#).

We discourage the use of journal metrics due to their widely recognized limitations in assessing importance, impact, or quality of a journal.

[EGU is a signatory](#) of the agreements on research assessment DORA and CoARA.



## Hydrology and Earth System Sciences (HESS): The Editors

Ackerer, Philippe; Ali, Genevieve; Berkowitz, Brian; Blume, Theresa; Blöschl, Günter; Bogaard, Thom; Bouffard, Damien; Bravo de Guenni, Lelys; Brunner, Manuela Irene; Buytaert, Wouter; Bárdossy, András; Ceola, Serena; Coenders-Gerrits, Miriam; Dai, Heng; Das, Narendra; De Michele, Carlo; de Rooij, Gerrit H.; Di Baldassarre, Giuliano; Fenicia, Fabrizio; Gao, Hongkai; Giudici, Mauro; Greco, Roberto; Gruber, Alexander; Guadagnini, Alberto; He, Yi; Hendricks Franssen, Harrie-Jan; Hildebrandt, Anke; Hipsey, Matthew; Hrachowitz, Markus; Jewitt, Graham; Kelleher, Christa; Kjeldsen, Thomas; Klotz, Daniel; Knapp, Julia; Kumar, Rohini; Llorens, Pilar; Loritz, Ralf; Maina, Fadji Zaouna; McMillan, Hilary; Moreno de las Heras, Mariano; Morin, Efrat; Moussa, Roger; Orłowski, Natalie; Peleg, Nadav; Pfister, Laurent; R. Freund, Elham; Rau, Gabriel; Riva, Monica; Romano, Nunzio; Saco, Patricia; Samaniego, Luis; Sanchez-Vila, Xavier; Savenije, Hubert H.G.; Schymanski, Stan; Seibert, Jan; Shukla, Shraddhanand; Sperna Weiland, Frederiek; Su, Bob; ten Veldhuis, Marie-Claire; Teuling, Adriaan J. (Ryan); Tian, Fuqiang; Toth, Elena; Ursino, Nadia; van der Zaag, Pieter; van Schaik, Loes; Vanclooster, Marnik; Viviroli, Daniel; Wagner, Paul; Wanders, Niko; Wang, Lixin; Weerts, Albrecht; Wei, Yongping; Weiler, Markus; Werner, Micha; Xu, Yue-Ping; Yu, Zhongbo; Yuan, Xing; Zehe, Erwin

**Thank you!**



## Hydrology and Earth System Sciences (HESS) – Report and Awards

### Journal News

Since January 2025: Publication fees no longer determined per page, but per paper (flat-rate)

	<b>Any country</b>	<u><a href="#">EED country</a></u>	<u><a href="#">R4L country</a></u>
<b>List price</b>	€1,800 net	€900 net	Waived
<u><a href="#">EGU members</a></u>	€1,620 net	€810 net	Waived
<u><a href="#">Institutional agreement (IA)</a></u>	€1,620 net	€810 net	Waived
<b>EGU members covered by IA</b>	€1,620 net	€810 net	Waived

# Hydrology and Earth System Sciences (HESS) – Report and Awards

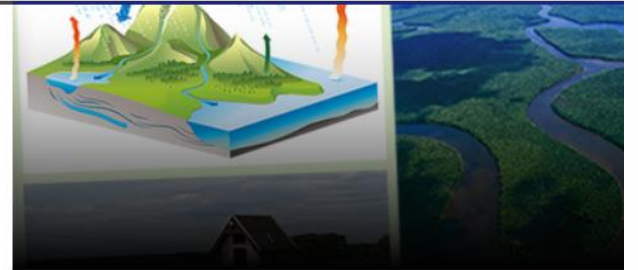
## Journal News

### Hydrology and Earth System Sciences

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- Interactive review process
- Finding an editor
- Review criteria
- Become a referee
- Manuscript tracking
- Reviewer recognition



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If you are willing to support HESS and serve as a reviewer:  
You can now add yourself to our reviewer data base!

(Especially important for Early Career Scientists who might not be on the Editors' radar yet)

# Hydrology and Earth System Sciences (HESS) – Report and Awards

## Journal News

### New Feature: Co-review!

Introducing still inexperienced reviewers to the process while ensuring high-quality reviews carried out by a team.



Invited reviewers can decide to suggest a co-review team and can define a colleague as co-review partner.

If the editor agrees, this colleague becomes the so-called executor while the original reviewer becomes the so-called supervisor.

We expect that the co-review team agrees on any reviewing action.

If the manuscript is published, both team members are recognized and listed as referees (unless they choose to remain anonymous).

### Hydrology and Earth System Sciences

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# Hydrology and Earth System Sciences (HESS) – Report and Awards

## Journal News

### **New Manuscript Type:** Brief Communications

**Brief communications** are timely, peer-reviewed, and short (2–4 journal pages). These may be used to

- report new developments & significant advances
- report/discuss significant matters of policy and perspective related to hydrological science, including "personal" commentary
- disseminate information and data on topical events of significant scientific and/or social interest within the scope of the journal.



# Hydrology and Earth System Sciences (HESS) – Report and Awards

## HESS Outstanding Editor Award 2024

**Gerrit de Rooij**





In recognition of his excellent service  
as Editor of  
Hydrology and Earth System Sciences

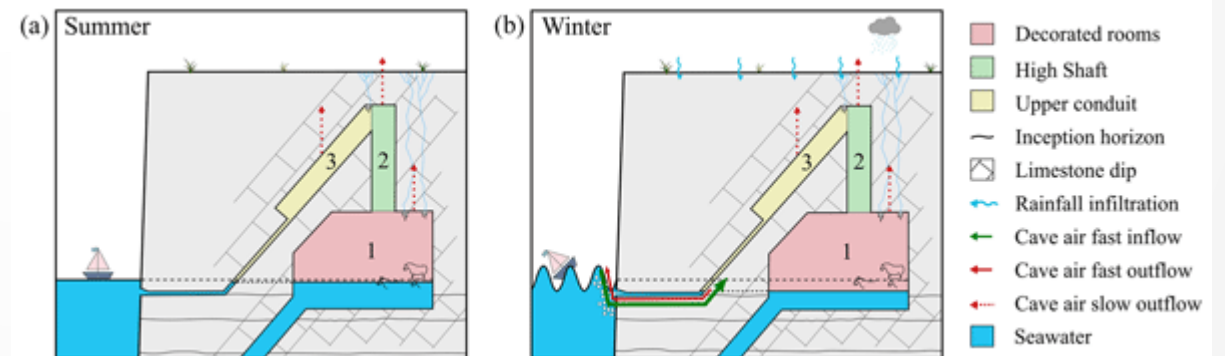
# Hydrology and Earth System Sciences (HESS) – Report and Awards

## Jim Dooge Award 2024

Research article | Highlight paper | 

### Mesoscale permeability variations estimated from natural airflows in the decorated Cosquer Cave (southeastern France)

Hugo Pellet , Bruno Arfib , Pierre Henry, Stéphanie Tournon, and Ghislain Gassier



# Hydrology and Earth System Sciences (HESS) – Report and Awards

## Jim Dooge Award 2024

### Predicting extreme sub-hourly precipitation intensification based on temperature shifts

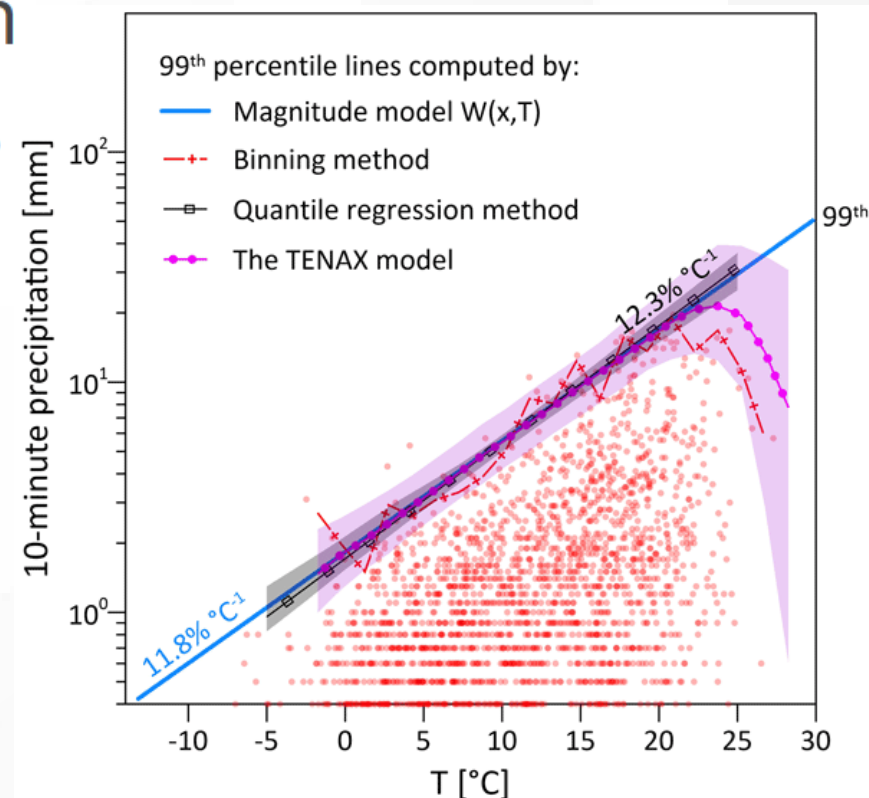
Francesco Marra ✉★, Marika Koukoulou, Antonio Canale, and Nadav Peleg ✉★

also featured on HS blog:

[EGU Blogs](#) » [Divisions](#) » [Hydrological Sciences](#) » Using rainy day temperatures to predict the future of 100-year downpours

Using rainy day temperatures to predict the future of 100-year downpours

Daniel B. Wright · May 3, 2024 · Hydrological forecasting, Precipitation & climate · No Comments







**Please  
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Feedback!**

[egu25.eu/feedback](https://egu25.eu/feedback)



**Any other business**

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**<https://www.egu25.eu/feedback>**

Mark Your Calendar!  
**EGU General Assembly 2026**  
**3–8 May 2026**  
**Vienna, Austria & Online**