

Welcome to the 2025 Division Meeting Soil System Sciences

European Geosciences Union

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

The EGU Programme Committee welcomes you to EGU25!

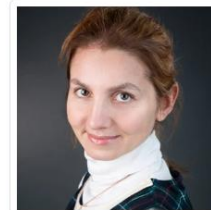


EGU Programme Committee | October
2024

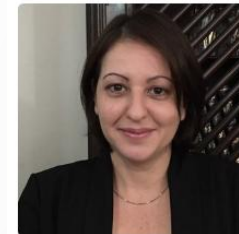
Meet the PC Co-chairs &
EGU Events Manager:

EGU25 Gather.Town – EGU booth
Tue, 29 Apr, 15:30 – 16:00

EGU Booth – Hall X2
Wed, 30 Apr, 10:15 – 10:45



Ira Didenkulova
PROGRAMME
COMMITTEE CO-
CHAIR



Maria-Helena
Ramos
PROGRAMME COMMITTEE
CO-CHAIR



Jane Roussak
EVENTS MANAGER

https://egu25.eu/about/programme_committee_composition.html

Agenda

- EGU updates, numbers and activities
- ECS report
- SSS structure and Officers
- 2025 Medal & Awards (Duchaufour Medal, Division Outstanding ECS Award, OSPP Award)

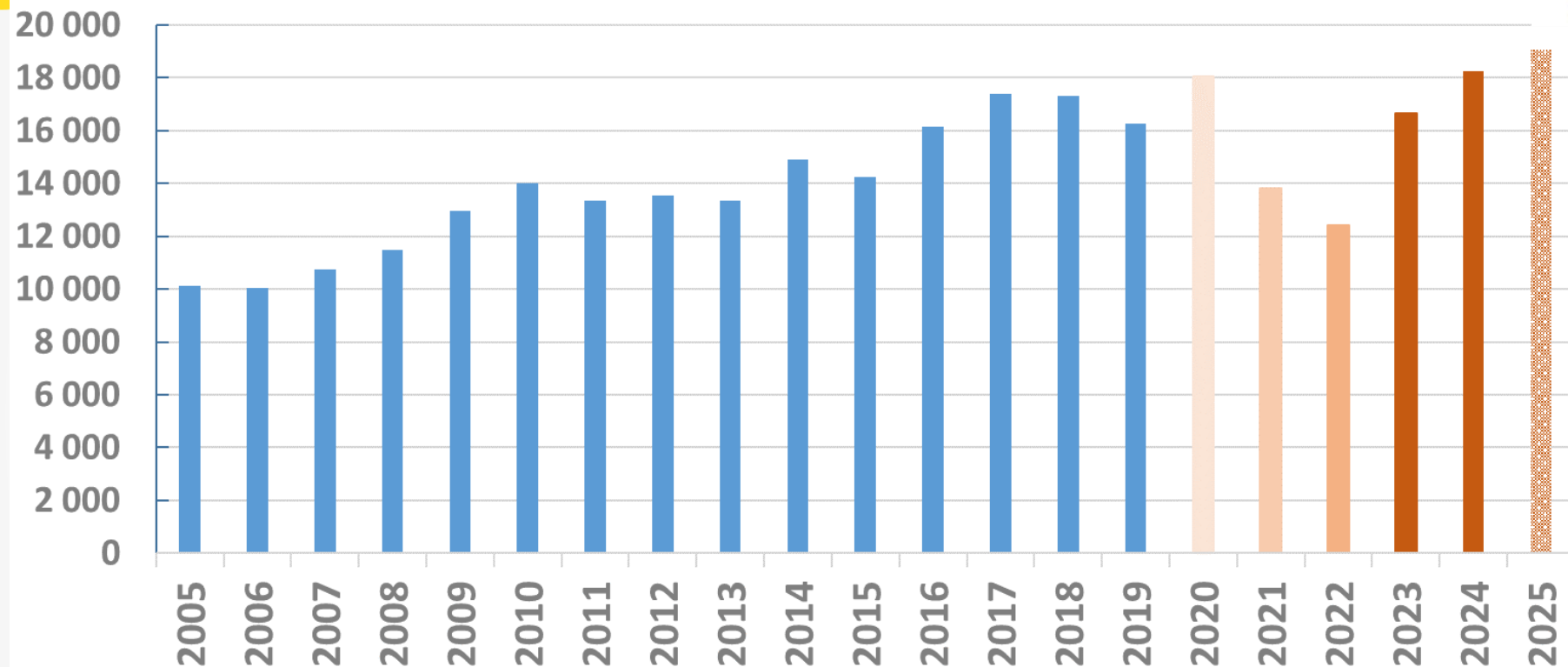
EGU25: numbers at a glance

- **1,103 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
 - 61 Short Courses + 2 Artist in Residence workshops
 - 38 Medal and Award Lectures
 - 9 Union Symposia and 9 Great Debates
 - 150 Townhall & Splinter meetings scheduled
- **ECS Networking, Science for Policy, and EDI Committee events**



EGU24 Room E1

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



19,071 active scheduled abstracts in 2025

On-site only
up to 2019

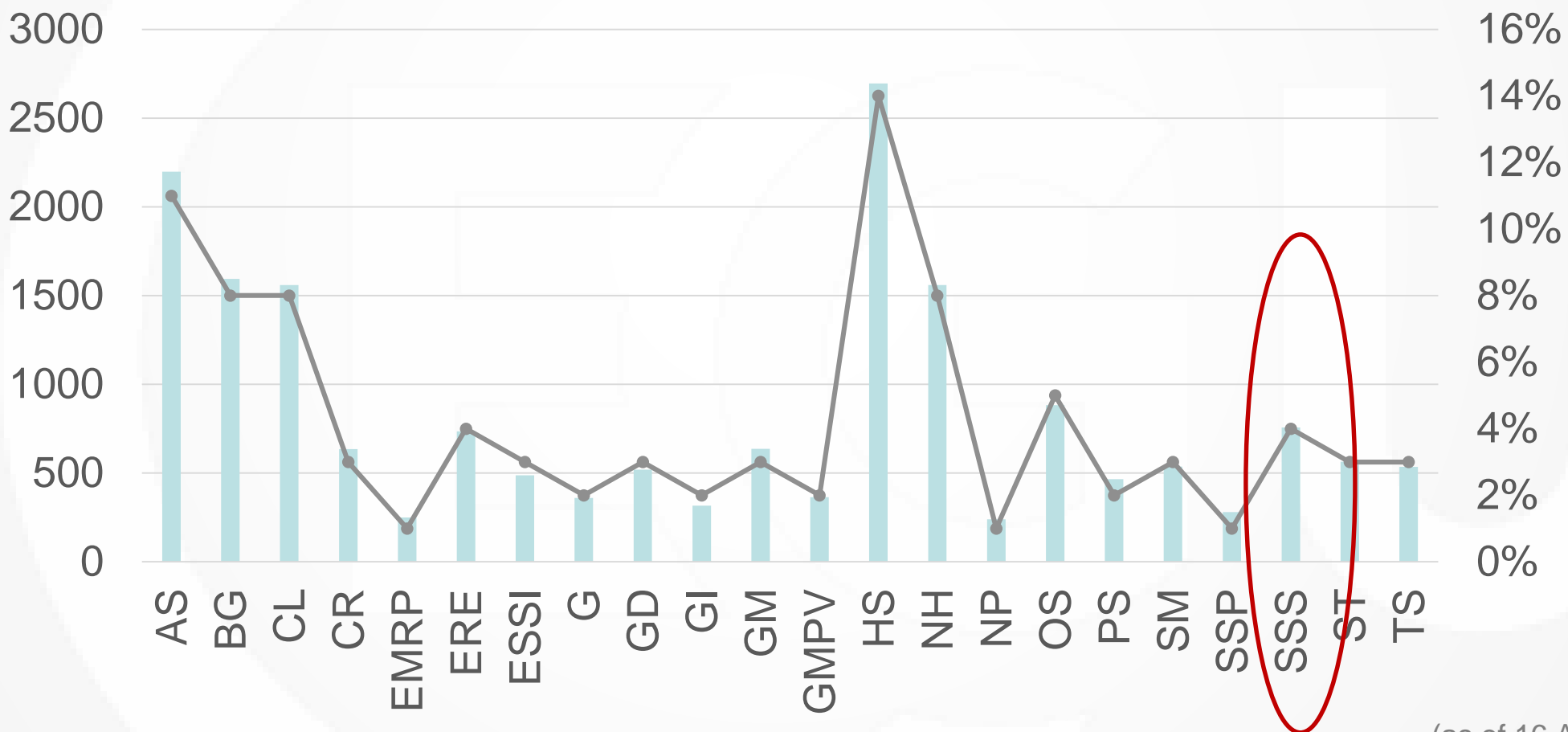
Online only

Hybrid orals only

Fully hybrid since 2023

(as of 27 April 2025)

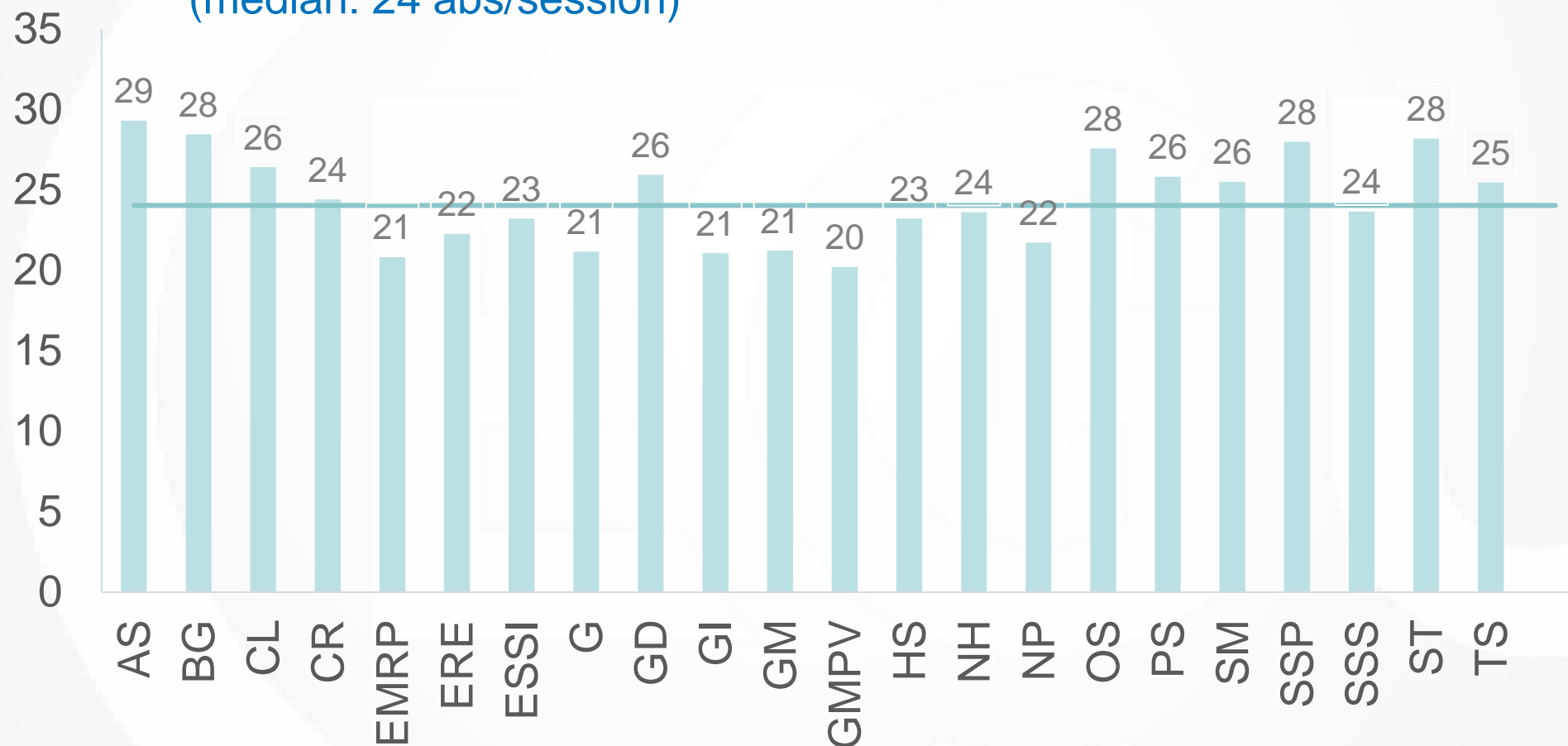
Abstracts in (lead) sessions per Programme Group (PG)



(as of 16 April 2025)

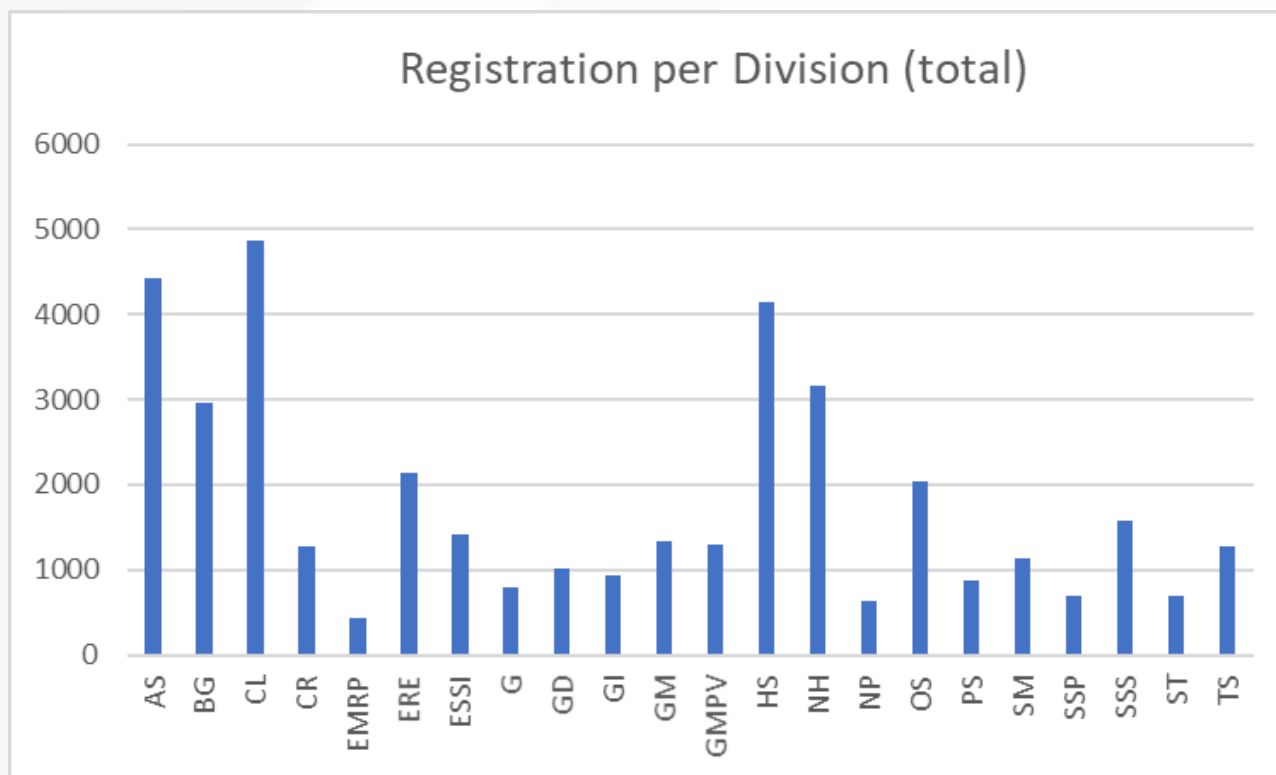
Abstracts per (lead) sessions per Programme Group (PG)

(median: 24 abs/session)



(as of 16 April 2025)

(a participant can choose more than one affiliation)



- 19,500+ registrations (9.5% for virtual participation; 8% in EGU24)
- 53% of virtual registration are “free virtual registration”
- 56% are ECS
- Gender

Gender (paid)	On-site		Virtual		Total
Female	6.789	38%	798	43%	7.587
Male	10.265	58%	977	53%	11.242
Non-binary	63	0%	8	0%	71
Prefer not to answer	503	3%	64	3%	567

(as of 27 April 2025)

- **Different countries:** 117 for on-site participation; 98 for virtual participation

Country statistics (paid)	On-site
Germany	2.786
China	1.971
Italy	1.626
United Kingdom	1.287
France	1.166
United States of America	843
Austria	728
Switzerland	705
Spain	586
Netherlands	559

Country statistics (paid)	Virtual
India	301
China	181
United States of America	165
Germany	160
United Kingdom	119
Italy	113
France	84
Spain	56
Greece	50
Austria	41

(as of 27 April 2025)



Union Symposia (E1)

US1: What's happening to atmospheric methane and how can we mitigate the rise? ,

Wednesday 30 April, 8:30–10:15

**US2: Marine Carbon Dioxide Removal:
Fostering Earth Science Forces
for Combating Global Warming**

Friday 2 May, 14:00–15:45



Union Symposia (E1)

US3: Engaging Communities in Hazard Risk and Disaster Management: Striking a Balance Between Top-Down and Bottom-Up Approaches; Friday 2 May, 10:45–12:15

US6: Advancing Measurements and Observations in the Geosciences, Thursday 1 May, 8:30–10:15

**US8: Advancing Measurements and Observations in the Geosciences
Thursday 1 May, 8:30–10:15**



Great Debate (E1)

**GB1: Habitability in Our Solar System:
Do Any Worlds Besides Earth Offer Habitable
Conditions? Tuesday 29 April, 14:00–15:45**

**GB2: Will digital technologies close or widen gaps
within the geosciences?
Thursday 1 May, 10:45–12:30**

**GB3: The Role of Large Language Models (LLMs) in
Transforming Geosciences: Friend, Foe, or Fad?
Thursday 1 May, 14:00–15:45**



Great Debate (E1)

GB4: Will a paradigm shift from on-shore to off-shore mining serve the future of humanity?

Tuesday 29 April, 16:15–18:00

GB5: How to translate fundamental research into societal and policy impact

Wednesday 30 April, 10:45–12:30



Great Debate (E1)

GB7: Science and Activism – Compatible or Antithetical? Thursday 1 May, 16:15–18:00

GB9: How should the global geoscience community respond to attacks on science?

Friday 2 May, 16:15–18:00



EGU Award & Medal Celebration

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

#EGU25

Room E1



Join a Science for Policy Session at EGU25!

#Sci4Pol

Find out how you can more effectively engage with policymakers and how your research can have policy impact.

Science for Policy sessions

**Listed under the “Policy”
category of the EGU25
Programme!**

EGU25 Science for Policy Help Desk

**12:00-13:00 CEST daily
at the EGU Booth (Hall X2)**



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

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 Persons of Trust

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)**

Convener Reception

- **Registration** by April 28th 2025
- **Pick up of access wristband:**
Hall X5 on Friday, 2 May 2025, 14:00–20:00

Reception: Friday 2 May 2025

Yellow Level 0 (ground floor) in Foyer F.

Start: 19:30 (warm food, drinks)

Dancing: 21:00 -01:00 (room F)



**Please
Give Us
Feedback!**

egu25.eu/feedback

Agenda

- EGU updates, numbers and activities
- **ECS report**
- SSS structure and Officers
- 2025 Medal & Awards (Duchaufour Medal, Division Outstanding ECS Award, OSPP Award)

Early career scientists (ECS) representation within EGU and SSS

Sigrid van Grinsven

Early career scientists (ECS) representation within EGU and SSS

Sigrid van Grinsven

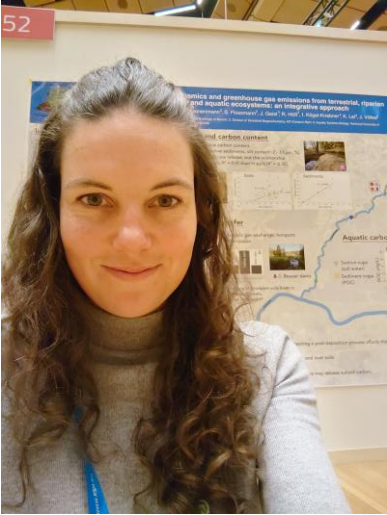
ECS within EGU

Early career scientist = 7 years since final degree

→ Over 50% of the members!

- **Each division has an Early Career Scientists (ECS) representative, 2-year term**
- **These representatives together form a team that organises union-wide ECS business**

SSS Early career representatives



Outgoing SSS ECS representative:
Sigrid van Grinsven
Junior Group Leader
Tübingen University (DE)



Incoming SSS ECS representative:
Beatrice Giannetta
Tenure track assistant professor
University of Foggia (IT)

ECS representatives team



Team of all division ECS
representatives

Meet twice per year in person + every
2 months virtually

Organize both division-specific and
union-wide events

One union wide representative, with
council voting rights

SSS ECS work

Past year:

- EGU Webinar on World Soil Day in December
- Left Twitter/X, started a new account on BlueSky
- Reached out to the BG division, to discuss possible collaborations for ECS events

Room to grow:

- Newsletter for SSS mailing list
- Blog page

Interested to become involved? Join the team!

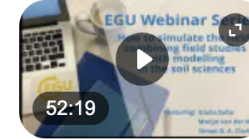


YouTube · European Geosciences Union

120+ weergaven · 3 maanden geleden



EGU WEBINARS: How to simulate the field: combining field ...



As part of **World Soil Day**, the EGU Soil System Sciences division is hosted a **webinar** to help soil researchers navigate the gap between ...



SSS BlueSky

Ways to get involved with EGU

Two black arrows point downwards from the main title 'Ways to get involved with EGU' to the two sub-sections below. The first arrow points to 'ECS specific working groups' and the second points to 'Soil division ECS team'.

ECS specific working groups

- General assembly team
- Outreach & Communication
- Life-Career Wellness
- Equality, Diversity & Inclusion

Soil division ECS team

- Organize SSS specific events, social media, communications

Open for all ECS to join!

ECS reps in other union roles

ECS representatives in EGU committees

- Programme + Finance committees (Union ECS rep)
- Outreach committee
- EDI committee
- Education committee
- Publication committee
- Incoming ERE division president

Becoming involved at the ECS level opens the door to further future involvement

→ Senior members, also worth for you to stimulate your people to get involved 😊

Get in touch

Comments, tips, getting involved, asking for help, just a chat

- **Talk to me!**
- All days, 10:15–10:45: **ECS Coffee Catch Up** – EGU Booth – Hall X2
Also often people present at other times to answer questions or to chat
- Tue, 29 Apr, 18:00–19:30: **ECS Networking Reception in Rooftop Foyer** with snacks and drinks
- Thu 12:45–13:45, Room 3.16/17: **ECS Forum: Have your say!**

- **Outside of GA:**

Email: ecs@egu.de or ecs-sss@egu.eu

Or google EGU ECS, which will direct you to the right page

Agenda

- EGU updates, numbers and activities
- ECS report
- **SSS structure and Officers**
- 2023 Medal & Awards (Duchaufour Medal, Division Outstanding ECS Award, OSPP Award)

Soil System Sciences Division structure... current vs. new

	2024	2025
President	Heike Knicker	Heike Knicker
Deputy President	Araceli Pérez Sanz	Araceli Pérez Sanz
Programme Group Chair	Heike Knicker	Heike Knicker
ECS Representative	Sigrid van Grinsven	Beatrice Giannetta
ECS Co-Representative	Beatrice Giannetta Sana Boubehziz	Sana Boubehziz
OSPP Coordinator	Anna Gunina	Anna Gunina

Do the Sub-Divisions represent activities and needs of SSS?

- **Which are outdated?**
- **Need for new ones?**

SSS x Soils at EGU

Committee Chair	AAA	2024-2026
Committee Member	BBB	2026-2028
Committee Member	CCC	2028-2030



SSS x Soils at EGU

Committee Chair	CCC	2028-2030
Committee Member	DDD	2030-2032
Committee Member	EEE	2032-2034

SSS x Soils at EGU

Committee Chair	BBB	2026-2028
Committee Member	CCC	2028-2030
Committee Member	DDD	2030-2032



SSS1: History, Education and Society of Soil Science

Committee Chair		Demetrio Antonio Zema	2024-2026
Committee Member	Committee Chair	Feliciano Licciardello	2026-2028
Committee Member	Committee Member	Anna Wawra	2028-2030
	Committee Member*	?	2030-2032

SSS2: Soil Erosion and Conservation

Committee Chair		Carla Sofia Ferreira	2024-2026
Committee Member	Committee Chair	Milica Kasanin-Grubin	2026-2028
Committee Member	Committee Member	María Gema Guzmán Díaz	2028-2030
	Committee Member*	?	2030-2032

Committee Member*: suggested for starting in 2026

SSS3: Soils as Records in Time and Space

Committee Chair		Brad Sion	2024-2026
Committee Member	Committee Chair	Lilit Pogosyan	2026-2028
Committee Member	Committee Member	Guido Stefano Mariano	2028-2030
	Committee Member		2030-2032

SSS4: Soil Biology, Microbiology and Biodiversity

Committee Chair		Stefan Geisen	2024-2026
Committee Member	Committee Chair	Lucia Fuchslueger	2026-2028
Committee Member	Committee Member	Nataliya Bilyera	2028-2030
	Committee Member		2030-2032

Committee Member*: suggested for starting in 2026

SSS5: Soil Chemistry and Organic Matter Dynamics

Committee Chair		Antonio Girona-García	2024-2026
Committee Member	Committee Chair	Anna Gunina	2026-2028
Committee Member	Committee Member	Francisco Moreno Racero	2028-2030
	Committee Member*		2030-2032

SSS6: Soil Physics

Committee Chair		Simone Di Prima	2024-2026
Committee Member	Committee Chair	Frederic Leuther	2026-2028
Committee Member	Committee Member	Vincent Felde	2028-2030
	Committee Member*	?	2030-2032

Committee Member*: suggested for starting in 2026

SSS7: Soil Pollution and Reclamation

Committee Chair		Carmen Perez-Sirvent	2024-2026
Committee Member	Committee Chair	Erika Silva Santos	2026-2028
Committee Member	Committee Member	Tamara Apostolovic	2028-2030
	Committee Member		2030-2032

SSS8: Soil, Environment and Ecosystem Interactions

Committee Chair		Zahra Kalantari	2024-2026
Committee Member	Committee Chair	Mariano Moreno de las Heras	2026-2028
Committee Member	Committee Member	?	2028-2030
	Committee Member*		2030-2032

Committee Member*: suggested for starting in 2026

SSS9: Soils, Forestry and Agriculture

Committee Chair		Diana Vieira	2024-2026
Committee Member	Committee Chair	Rossano Ciampalini	2026-2028
Committee Member	Committee Member	Alvaro F. García Rodríguez	2028-2030
	Committee Member*		2030-2032

SSS10: Metrics, Informatics and Statistics in Soils

Committee Chair		Sara König	2024-2026
Committee Member	Committee Chair	Sara Cucchiaro	2026-2028
Committee Member	Committee Member	Eugenio Straffelini	2028-2030
	Committee Member*	Marijn van der Meij	2030-2032

Committee Member*: suggested for starting in 2026

SSS11: Material and Methods in Soil Sciences

Committee Chair		Anette Eltner	2023-2025
Committee Member	Committee Chair	Álvaro Gómez-Gutiérrez	2025-2027
Committee Member	Committee Member	Yang Yu	2027-2029
	Committee Member	Iria Benavente-Ferraces	2029-2031

Approved

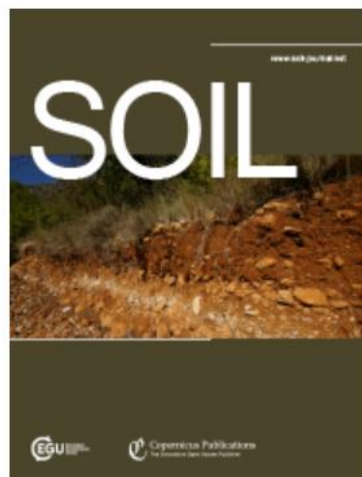
SSS12:SSS12: Soil policy and legislation

Committee Chair		Beatrice Giannetta	2023-2025
Committee Member	Committee Chair	Petra Stankovics	2025-2027
Committee Member	Committee Member	Laura Quijano	2027-2029
	Committee Member	Laura Gismero Rodriguez	2029-2031

DOES EVERYBODY AGREE?

SOIL – An interactive open-access journal

[Home](#)



OPEN
ACCESS



INTERACTIVE PUBLIC
PEER REVIEW



ARTICLE LEVEL
METRICS



MODERATE ARTICLE
PROCESSING CHARGES



FINANCIAL
SUPPORT

Executive editors: Rémi Cardinael, Engracia Madejón Rodríguez, John Quinton, Kristof Van Oost & Jeanette Whitaker

eISSN: SOIL 2199-398X, SOILD 2199-3998

SOIL is a not-for-profit international scientific journal dedicated to the publication and discussion of high-quality research in the field of soil system sciences.

SOIL is at the interface between the atmosphere, lithosphere, hydrosphere, and biosphere. SOIL publishes scientific research that contributes to understanding the soil system and its interaction with humans and the entire Earth system. The scope of the journal includes all topics that fall within the study of soil science as a discipline, with an emphasis on studies that integrate soil science with other sciences (hydrology, agronomy, socio-economics, health sciences, atmospheric sciences, etc.).

 **Clarivate™** JIF 6.8

 **Clarivate™** JIF 5-year 6.9

 **Scopus®** CiteScore 9.5

 **Google h5-index 22**



A community-driven journal that in 2024* published extensive, exciting new research on:

Solid Earth

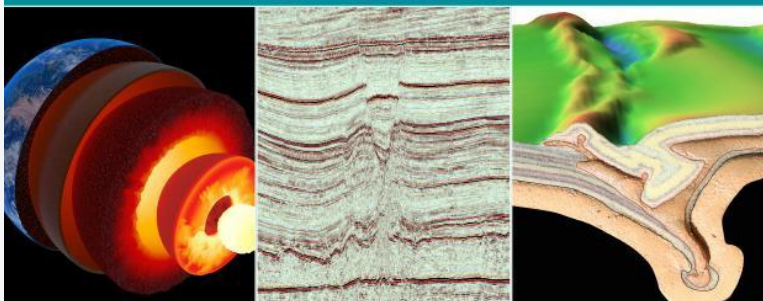
www.solid-earth.net



European
Geosciences
Union



Copernicus Publications
The Innovative Open Access Publisher



"I chose to publish with Solid Earth due to its transparent peer-review process and the dedication of its editors to ensure a swift review process, coupled with its reputation for promoting groundbreaking research in geosciences."

Zahra Zali, author 2023

doi.org/10.5194/se-14-181-2023

SE celebrates its 15th anniversary in 2025 !

- reception at this GA
- Thursday, 18 h
- coffee spot X3 (in front of room -2.21)





VII EUROSOIL 2025

SEVILLE-SPAIN 8-12 SEP

AND



1st EUROPEAN SOIL
JUDGING CONTEST
ALCOI-ALICANTE-SPAIN 2025

EUROSOIL2025

Seville (Spain), 8-12 September



EUROSOIL2025.EU

Do not miss the year's soil event !!

An event organized by:



ECSSS
European Confederation
of Soil Science Societies



GOLD SPONSOR



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OBSERVATORY**

European
Commission

SILVER SPONSOR

STEVENS
MEASUREMENTS TO MIND



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中国土壤学会
SOIL SCIENCE SOCIETY OF CHINA
The 23rd World Congress
of Soil Science



SUPPORTING



15th MAY 2025

Abstract submission deadline



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- EGU updates, numbers and activities
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- SSS structure and Officers
- 2025 Medal & Awards (Duchaufour Medal, Division Outstanding ECS Award, OSPP Award)

Philippe Duchaufour Medal 2025

is awarded to **Wulf Amelung** for

*pioneering research in uncovering the
mechanisms of soil degradation and
efforts to restore soil functions, thereby
enabling sustainable agriculture and
land use. .*

Thu, 1 May, 19:25–20:00 Room G1



Division Outstanding Early Career Scientists Award 2025

is awarded to **Katerina Georgiou**

for significant contributions to the understanding of the fundamental mechanisms of carbon cycling at a range of scales; from soil particle to field-scale, to global predictions.



Thu, 1 May 19:00–19:25, Room G1

Outstanding Student and PhD candidate Presentation (OSPP) Awards 2024

**Implementing Spatial Mapping and Sequential
Gaussian Simulation for Probabilistic Risk
Modeling of Heavy Metals Contamination in
Urban Soils** (Seo, H.; Kim, K.-H.; Choi, J.; Cha, Y.-S.;
Kim, J.-A; Lee, Y.-S.; Yun, S.-T.)



Hyunsoo Seo

Outstanding Student and PhD candidate Presentation (OSPP) Awards 2024

Impacts of intensive wetting, stagnation and drying cycles on carbon pools and allocation within stormwater processing system substrates designed for multifunctionality (*Porter, L.; Berger, N.; Bucka, F.; Egerer, M.; Kögel-Knabner, I.*)



Lauren Porter

Outstanding Student and PhD candidate Presentation (OSPP) Awards 2024

**Comparison of Different Color Space Model's
Performance for Estimation of Nitrate and
Phosphate in Soil and Water Using a Developed
Smartphone-Integrated Imaging Device**

(Veerabhadrapa, L.; Dey, S.; Chakraborty, S.)



Lavanya Veerabhadrapa

New composition of the Philippe Duchaufour Medal Committee

Chair: Andreas A. Richter (2023)

Members:

- Jan Willem van Groenigen (2024)
- Wulf Amelung (2025)
- Friederike Lang

.....is awarded for
distinguished
contributions to **soil
science, defined in its
widest sense.**

New Composition of the Alina Kabata Pendias Medal Committee

Chair:

Cécile Quantin

Members:

- José María de la Rosa
- Ravendra Naidu (2023)
- Anna Gunina

.....is awarded for distinguished pioneering and interdisciplinary contributions to the understanding of the complex relationships that govern the **soil-plant-organism system** as well as their sensitivity to global change, and spanning the critical zone.

New composition of the Outstanding Early Career Scientists Award Committee

Chair:

Heike Knicker

Members:

Gina Garland (2023)

Daniel Evans (2024)

Katerina Georgiou (2025)

Nominate Now !!!!!

- **Philippe Duchaufour Medal**

<https://www.egu.eu/awards-medals/philippe-duchaufour/>

- **Alina Kabata-Pendias Medal**

<https://www.egu.eu/awards-medals/alina-kabata-pendias/>

- **Outstanding Early Career Scientists Award**

<https://www.egu.eu/awards-medals/ecs-definition/>

Deadline: June 15th, 2025

- **Instructions:** www.egu.eu/awards-medals/nominations/
- **Mail to:** awards-medals@egu.eu

Rules:

- nominations are **exclusively by EGU** members
 - no self nominations
 - candidates do not need to be EGU members.
 - An **exception** is one award to promote **excellence in journalism** allowing nominations from non members and self nominations)
- Individual award and medal committees are then evaluating the nominations selecting the most deserving candidate based on scientific achievements**.
- (**plus one medals each for journalism, outreach and service to the union)

Nominate Now !!!!!

Deadline : June 15th 2025



	Division and Union medals	Outstanding ECS* Awards
Nomination letter	Max: 5000 characters	Max 2500 characters
Curriculum Vitae	2 pages	1 page
Selected bibliography	2 pages	1 page
Supporting letters	Max 5000 characters each	

- is a student, a PhD candidate, or a practicing scientist who **received their highest certificate (e.g.BSc, MSc or PhD) within the past 7 years.**
- extension for periods when the scientist was not working in science because of, but not limited to, caring and/or parental responsibilities, disability, personal illness, community obligations or national service.
- For the purpose of the awards the nominee should satisfy one of the above criteria by 1 January of the year when the award is presented.

EGU General Assembly 2026.
Vienna, Austria

3–8 May 2026

Thanks!!

- Officers, Sub-division Committees, Conveners, ECS and Members for all your hard work...
- And you all for your attendance and your active participation

Questions?