



Welcome to the 2024 Division Meeting Soil System Sciences

European Geosciences Union

EGU24 General Assembly, Vienna and online | 14–19 April 2024



Meetings | Publications | Outreach | www.egu.eu

Agenda

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

EGU24: numbers at a glance

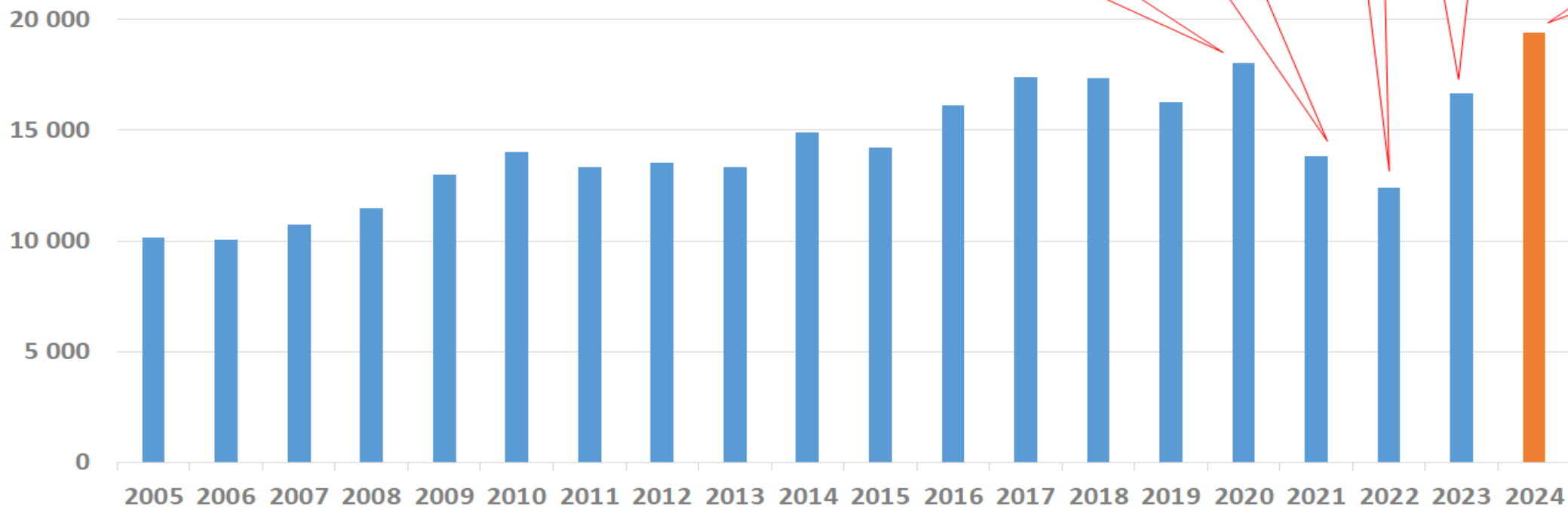
(as of 4 April 2024)

- 19,319 **active scheduled abstracts**
- 16,746 **paid registrations** (8% for **virtual participation**)
- 50% of **virtual participants benefited from free registration** (Undergraduate/master students & Low- & lower-middle income countries)
- 37% of on-site participants and 52% of virtual participants are **PhD candidates, Master or Undergraduate students**
- 2% of on-site participants and 24% of virtual participants are from **Low & Lower-middle income countries**
- **Gender** (Female / Male / Non-binary): On-site (39% / 58% / 0%) & Virtual (42% / 54% / 1%)
- 112 **different countries** for on-site participation; 90 for virtual participation

(as of 29 March 2024)

19,319 active scheduled abstracts

Abstracts in EGU programme since 2005



Planned onsite, moved online chat-only

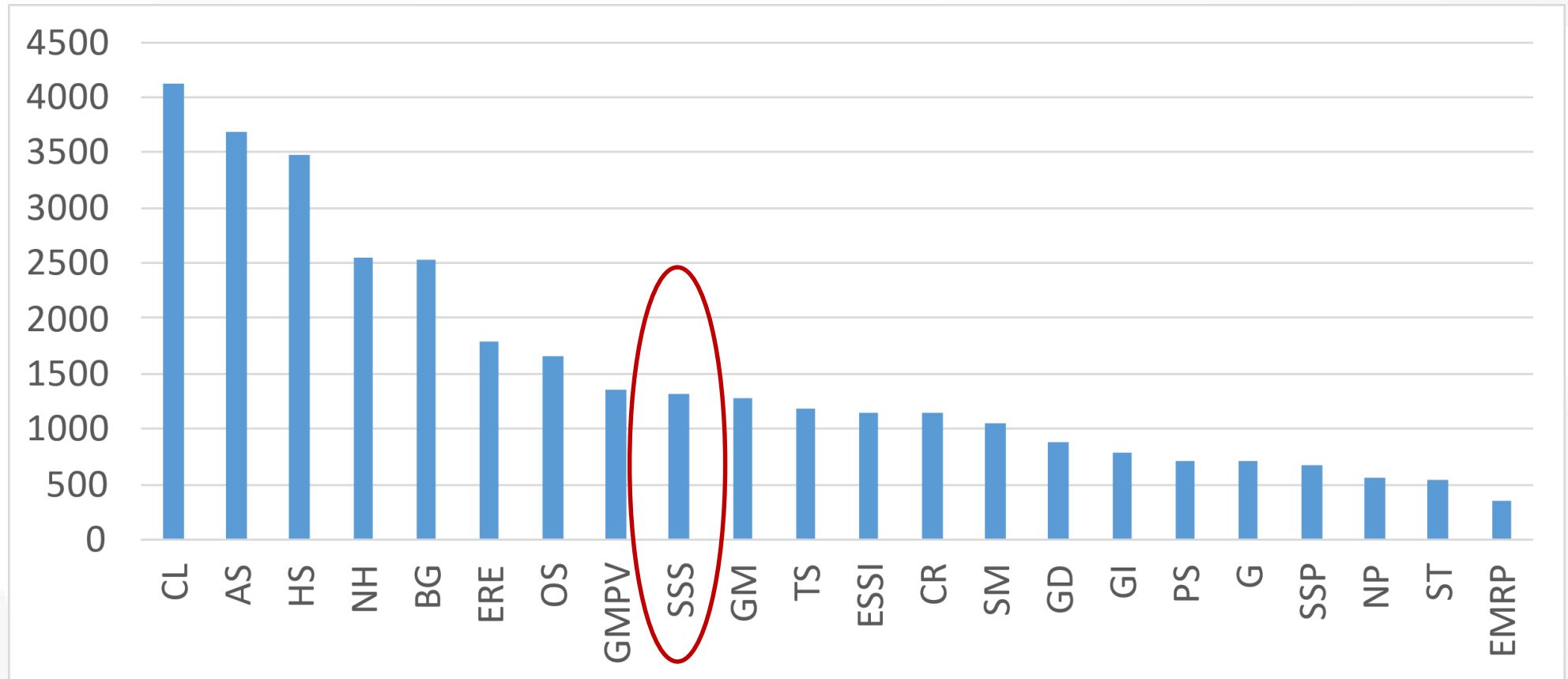
2-week General Assembly, planned fully online since the beginning

1st hybrid, orals only

1st hybrid, orals, posters & PICOs

Hybrid, with enhanced on-site/online interaction

EGU Division/PG affiliation of paid registrations



- **1,025 active sessions (+11% EGU23):**
 - 675 division-led sessions, of which 42 are ITS sessions
 - 17 Education and Outreach Sessions (EOS)
+ GIFT workshop
 - 61 Short Courses + 2 Artist in Residence workshops
 - 39 Medal and Award Lectures
 - 6 Union Symposia and 10 Great Debates
 - 152 Townhall & Splinter meetings scheduled
- **ECS Networking, Science for Policy, and EDI Committee events**

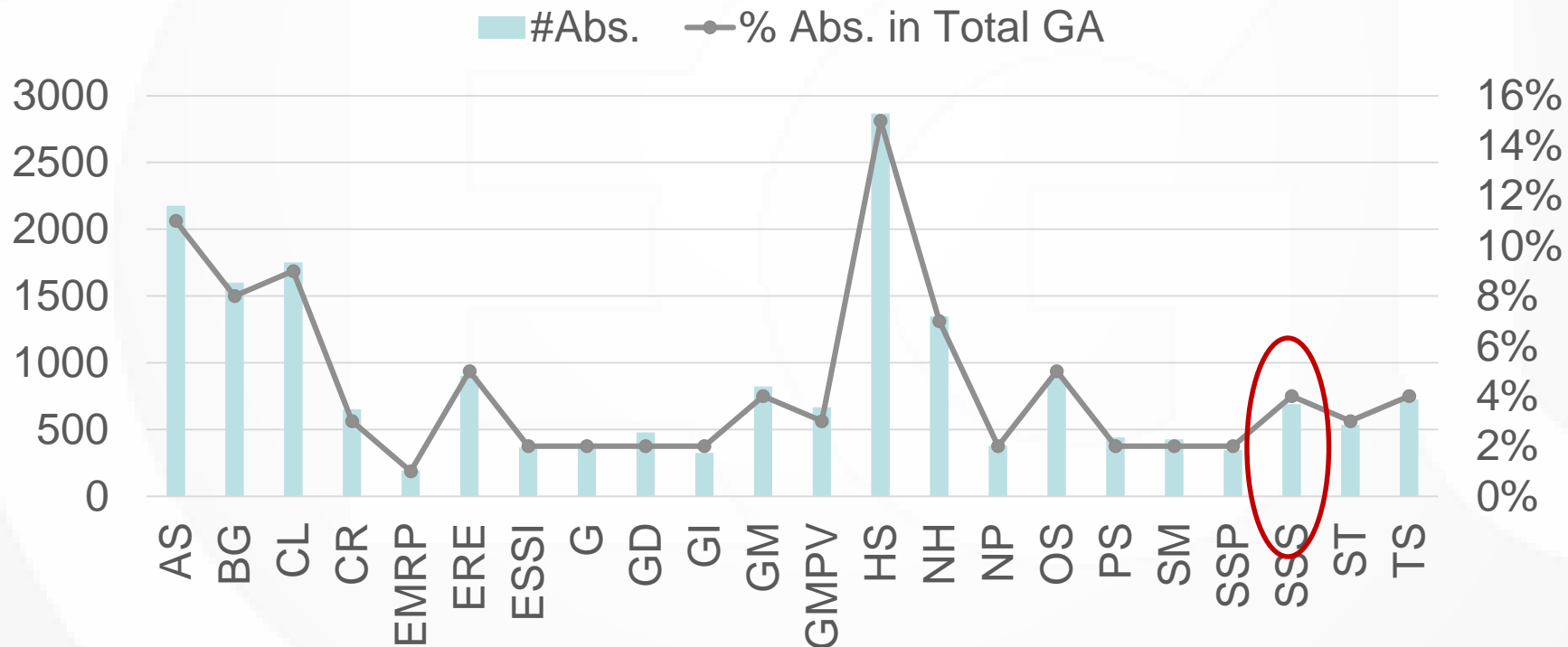


EGU23 oral presentation
Photo credit: Pfluegl 2023

More on: <https://www.egu24.eu/>

EGU24: numbers at a glance

Abstracts per Programme Group (PG)



(as of 24 March 2024)



Union Symposia (E1)

US3: Bridging the scales:

**The Arctic methane and permafrost challenge,
Friday 19 April, 8:30–10:15**

US4: Deep-time Digital Earth

Thursday 18 April, 14:00–18:00

US6: Misunderstanding or malice?

**Getting to the bottom of
geoscience disinformation**

Wednesday 17 April, 8:30–10:15



Great Debate (E1)

GB1: Plate motions were constant through geological time Tuesday 16 April, 14:00–15:45

GB2: Does climate change affect earthquake risks? Thursday 18 April, 8:30–10:15

**GB3: The Great EGU Climate Debate:
The Anthropocene - Epochalypse Now?
Tuesday 16 April, 16:15–18:00**



Great Debate (E1)

**GB4: Early Warnings for All (EW4ALL)
Initiative: science needs for the global
ambition to protect everyone by 2027
Thursday 18 April, 10:45–12:30**

**GB6: If informing is not enough, how should
scientists engage to accelerate the social
transformation required by climate change and
biodiversity collapse?
Friday 19 April, 14:00–15:45**



Great Debate (E1)

GB9: Artificial Intelligence in scientific publishing: blessing or bane?

Friday 19 April, 10:45–12:30

GB10: Elevating EDI practices in the geosciences considering intersectionality

Wednesday 17 April, 10:45–12:30



EGU Award & Medal Celebration

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

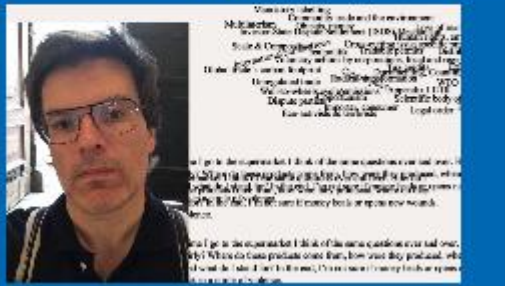
#EGU24

Room E1

EGU24 Artists in Residence

visit their booths in Foyer D!

Ilias Tsagas
Poet



Lucía Pérez-Díaz
Illustrator



Geo Cinema

Mon, Tues, Thurs & Fri
18:00-20:00 in room E1

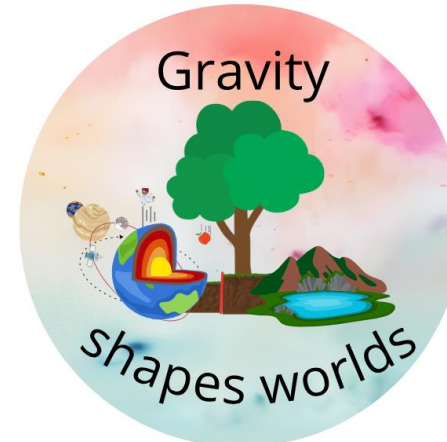
Art-Science sessions at EGU24:



EGU24 artists raising awareness of EDI in the Geosciences

learn more at their booth in Hall X2!

Nkosingiphile Mazibuko
Iziko Museums of South Africa



Childcare Art Exposition



growing gallery located in entrance of Hall X1

Divisions represented:
G, GD, PS

Convener Reception

- **Registration** by April 17th 2024
- **Pick up of access wristband:**
name badge pickup terminals in Hall X5 on Friday, April 19th 2024,
14:00–20:00.

Reception: Yellow Level 0 (ground floor) in Foyer F.

Start: 19:30 (warm food, drinks)

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

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



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

Financial support to training school organisers

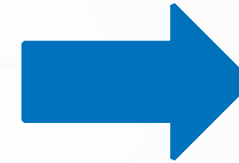
- facilitate participation of early career scientists and/or to
- support the quality of the school through field trips or by inviting exceptional lecturers.

Learn more at
www.egu.eu/meetings/training-schools

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

EGU 2024
Participants
receive a **discount**
of **50 %** on the
entrance fee
if wearing their
name badge



The world's
oldest and largest
meteorite exhibition
...and much more!





**Please
Give Us
Feedback!**

Feedback survey will be
open until
Friday May, 31 2024

Additional feedback can
be provided to general-
assembly@egu.eu

egu24.eu/feedback

Agenda

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

Early career scientists (ECS) representation within EGU and SSS

Sigrid van Grinsven

Early career scientist = 7 years since final degree

- **ECS make up large portion of EGU:** over half of the EGU members are ECS
- **There is space and funds to support ECS within EGU, both at GA and during the year**
- **The ECS within the divisions are each represented by an ECS rep and co-rep**



SSS ECS rep:
Sigrid van Grinsven
Junior Group Leader,
Tübingen University (DE)
ECS rep until GA 2025



SSS ECS co-rep:
Beatrice Giannetta
Tenure track assistant professor
University of Foggia (IT)
ECS rep from GA 2025

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

Working groups

ECS specific working groups

- **Activities & Impact**
- **Outreach & Communication**
- **Life-Career Wellness**
- **Equality, Diversity & Inclusion**

Organize events during and outside the GA, work on EGU policy, communicate with EGU committees

Goal: Assist and advance ECS

Working groups

ECS specific working groups

- **Activities & Impact**
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Organize events during and outside the GA, work on EGU policy, communicate with EGU committees

Goal: Assist and advance ECS

Open for all ECS to join!

(The lack of an) ECS team within SSS

Sadly, currently no ECS team within SSS!

Other division have teams, made up of ECS rep, co-rep, and a group of team members and blog editors.

SSS blog is not currently updated

No SSS specific activities in past year



SSS ECS rep:
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Junior Group Leader,
Tübingen University (DE)
ECS rep until GA 2025



SSS ECS co-rep:
Beatrice Giannetta
Tenure track assistant professor
University of Foggia (IT)
ECS rep from GA 2025

Get in touch

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

- **Talk to me!**
- All days, 15:45-16:15, **ECS Coffee Catch Up** – EGU Booth – Hall X2
Also often people present at other times
- Tue, 16 Apr, 18:00–19:30, NET4: **ECS Networking Reception in Rooftop Foyer**
- Thu, 18 Apr, 12:45–13:45, NET6: **ECS Forum in Room 3.29/30**
- **Outside of GA:**

Email: ecs@egu.de; ecs-sss@egu.eu or Sigrid.van-Grinsven@geo.uni-tuebingen.de

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

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	2023	2024
President	Heike Knicker	Heike Knicker
Deputy President	?	Araceli Pérez Sanz
Programme Group Chair	Heike Knicker	Heike Knicker
Science Officer	Stephen Bell	Steffen Bell
Secretary for News and Outreach	Yavar Vaziritabar	Yavar Vaziritabar
ECS Representative	Sigrid van Grinsven	Sigrid von Grinsven
ECS Co-Representative	Beatrice Giannetta	Beatrice Giannetta, Sana Boubehziz
OSPP Co-ordinator	Anna Gunina	Anna Gunina

SSS x Soils at EGU

Committee Chair	AAA	2022-2024
Committee Member	BBB	2024-2026
Committee Member	CCC	2026-2028



SSS x Soils at EGU

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

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SSS x Soils at EGU

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



SSS1: History, Education and Society of Soil Science

Committee Chair		Manuel Esteban Lucas Borja	2022-2024
Committee Member	Committee Chair	Demetrio Antonio Zema	2024-2026
Committee Member	Committee Member	Feliciana Licciardello	2026-2028
	Committee Member	?	

SSS2: Soil Erosion and Conservation

Committee Chair		Panos Panagos	2022-2024
Committee Member	Committee Chair	Carla Sofia Ferreira	2024-2026
Committee Member	Committee Member	Milica Kasanin-Grubin	2026-2028
	Committee Member	?	

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SSS3: Soils as Records in Time and Space

Committee Chair		Orem Ackermann	2022-2024
Committee Member	Committee Chair	Brad Sion	2024-2026
Committee Member	Committee Member		2026-2028
	Committee Member	?	

SSS4: Soil Biology, Microbiology and Biodiversity

Committee Chair		Edith Hammer	2022-2024
Committee Member	Committee Chair	Stefan Geisen	2024-2026
Committee Member	Committee Member	Lucia Fuchslueger	2026-2028
	Committee Member	Nataliya Bilyera	2028-2030

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SSS5: Soil Chemistry and Organic Matter Dynamics

Committee Chair		Carsten Müller	2022-2024
Committee Member	Committee Chair	Antonio Girona-García	2024-2026
Committee Member	Committee Member	Gabriel Sigmund / Anna Gunina	2026-2028
	Committee Member	Francisco Moreno Racero	2028-2030

SSS6: Soil Physics

Committee Chair		Laurent Lassabatère	2022-2024
Committee Member	Committee Chair	Simone Di Prima	2024-2026
Committee Member	Committee Member	Frederic Leuther	2026-2028
	Committee Member	?	

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SSS7: Soil Pollution and Reclamation

Committee Chair		Miriam Munoz Rojas	2022-2024
Committee Member	Committee Chair	Carmen Perez-Sirvent	2024-2026
Committee Member	Committee Member	Erika Silva Santos	2026-2028
	Committee Member	Tamara Apostolovic	2028-2030

SSS8: Soil, Environment and Ecosystem Interactions

Committee Chair		Pablo Tittone	2022-2024
Committee Member	Committee Chair	Zahra Kalantari	2024-2026
Committee Member	Committee Member	Mariano Moreno de las Heras	2026-2028
	Committee Member	?	

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SS9: Soils, Forestry and Agriculture

Committee Chair		Marta Maria Moreno	2022-2024
Committee Member	Committee Chair	Diana Vieira	2024-2026
Committee Member	Committee Member	Rossano Ciampalini	2026-2028
	Committee Member	?	2028-2030

SSS10: Metrics, Informatics and Statistics in Soils

Committee Chair		Laura Poggio	2022-2024
Committee Member	Committee Chair	Sara König	2024-2026
Committee Member	Committee Member	Sara Cucchiaro	2026-2028
	Committee Member	?	

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SSS11: Material and Methods in Soil Sciences

Committee Chair	Anette Eltner	2023-2025
Committee Member	Álvaro Gómez-Gutiérrez	2025-2027
Committee Member	Yang Yu	2027-2029

Approved

SSS12: Soil policy and legislation

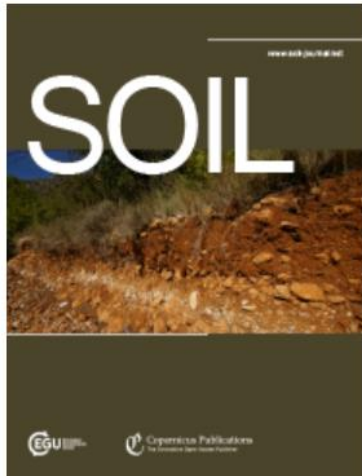
Committee Chair	Beatrice Giannetta	2023-2025
Committee Member	Petra Stankovics	2025-2027
Committee Member	Laura Quijano	2027-2029

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

www.soil-journal.net

SOIL



Thank you very much
for a great **10** years.

RECEPTION:

Thu, 27 April, 20:00–21:00 | Room K2



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- *2023 Medal & Awards (Duchaufour Medal, Division Outstanding ECS Award, OSPP Award)*

Philippe Duchaufour Medal 2024

*The Philippe Duchaufour Medall 2024 is awarded to **Jan Willem van Groenigen** for his outstanding work on the integration of agricultural management and environmental science as they relate to global change.*



Thu, 27 April, 19:00–20:00 |Room K2

Division Outstanding Early Career Scientists Award 2024

*The 2024 Arne Richter Award for Outstanding Early Career Scientists is awarded to **Daniel L. Evans** for outstanding research in the field of exploration of urban soil ecosystem services*



Wed, 17 April 15:15–15:45, Room D2.

Outstanding Student and PhD candidate Presentation (OSPP) Awards 2023

Strengthening the bioeconomy in tropical countries while preserving soil organic carbon stocks by recycling recalcitrant coproducts: A case study for Ecuador (Andrade Diaz, C.; Balugani, E.; Zamora-Ledezma, E.; Hamelin, L.)



Christhel Andrade Diaz

Outstanding Student and PhD candidate Presentation (OSPP) Awards 2023

*Estuarine filter for trace metals and emerging
contaminants: An example from Southampton Water,
UK (Appelt, J.-S.; Cundy, A.; Whiteside, J.; Bray, S.)*



Jana-Sophie Appelt

Outstanding Student and PhD candidate Presentation (OSPP) Awards 2023

*A detailed palaeosol record of Middle and Upper
Pleistocene from the central part of the Volyn' Upland
(the NW Ukraine) (Bonchkovskyi, O.)*



Oleksandr Bonchkovskyi

New composition of the Philippe Duchaufour Medal Committee

Chair:

Andreas A. Richter (2023)

Members:

- Mary K. Firestone (2022)
- José Antonio González Pérez
- Jan Willem van Groenigen (2024)

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...**

New Composition of the Alina Kabata Pendias Medal Committee

Chair:

José María de la Rosa

Members:

- Cécile Quantin
- Ravendra Naidu (2023)
- **Anke Hermann**

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...**

New composition of the Outstanding Early Career Scientists Award Committee

Chair:

Heike Knicker

Members:

Diana C.S. Vieira (2022)

Gina Garland (2023)

Daniel Evans (2024)

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...**

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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, 2024

- **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 2024



	Division and Union medals	Outstanding ECS* Awards
Nomination letter	1 page	½ page
Curriculum Vitae	2 pages	1 page
Selected bibliography	2 pages	1 page
Supporting letters	3-5 (max 1 page 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 2025.
Vienna, Austria

April 27 – May 2 2025

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?