



Welcome to the division meeting of the
Soil System Sciences Division

Claudio Zaccone

May 5th, 2020



This is **ONLY** a draft.

Everything is reported here was shared with subdivision chairs/committee members and other SSS officers on April 30th (zoom meeting), and needs to be approved during the SSS business meeting on May 5th, 12.45-13.45.



- ✓ Welcome and agenda
- ✓ EGU numbers and activities
 - ✓ Awards (*Duchaufour Medal, Division Outstanding ECS Award, OSPP Award*)
- ✓ Report on SSS numbers and activities
 - ✓ SSS structure and Officers



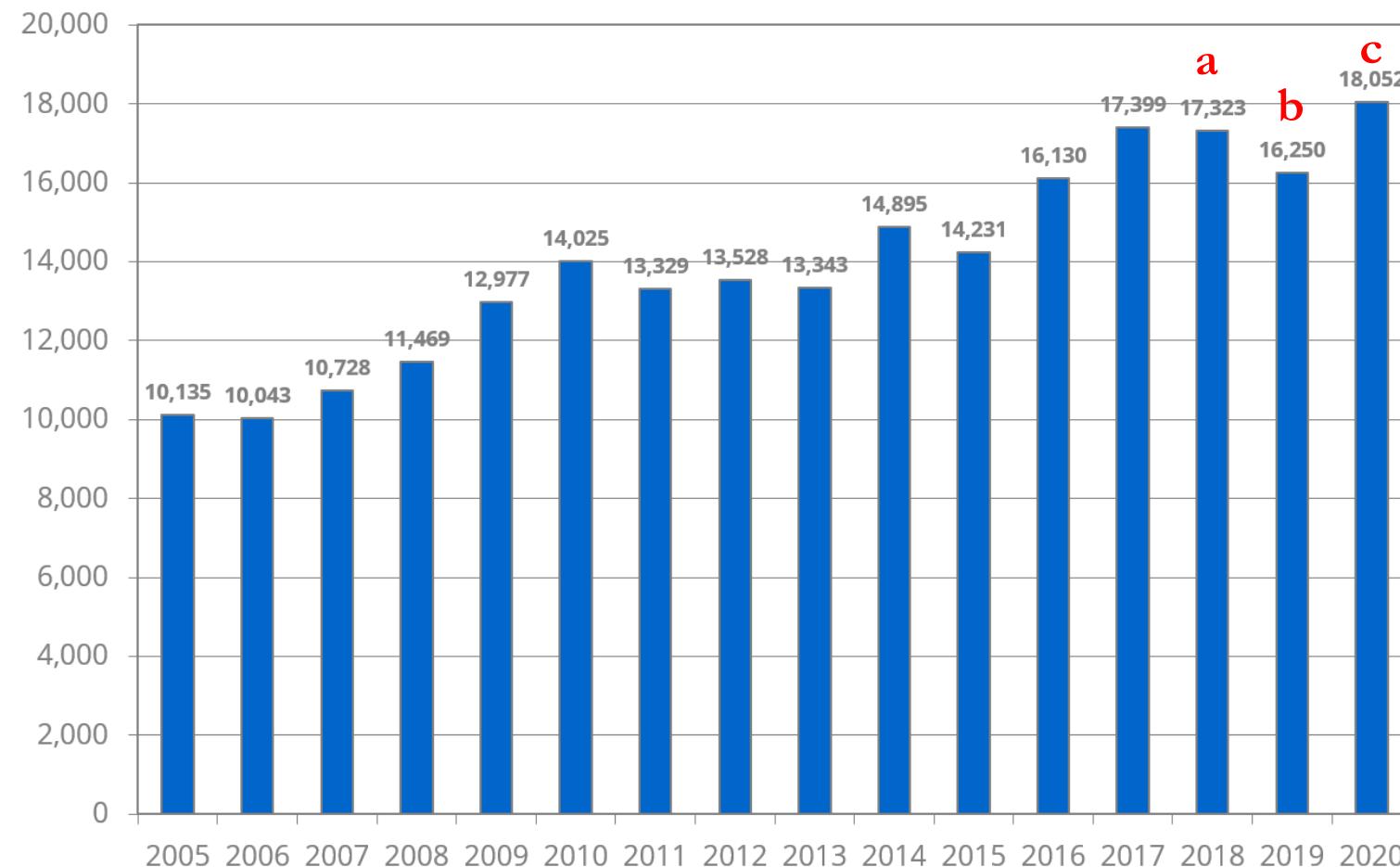
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GA2020 statistics (as of 27 April 2020, 08:30)

- 18,052 abstracts in programme | +11.1% relative to 2019
- 702 unique scientific sessions
- 440 out of 702 scientific sessions are co-organized (62.7%), thereof 37 ITS
- 6/88 short courses online
- 1,135 presentation materials uploaded
- 82 comments to uploaded presentation materials received





- a) 2018: withdrawal of no-show abstracts
- b) 2019: one first-author abstract rule
- c) 2020: Physical GA cancelled 19 March; part of the GA brought online

18,279
before COVID-19

... following COVID-19!!!

Sharing Geoscience Online: New concept in very short time

- **19 March: Cancelled physical General Assembly**
- 23 March: First Sharing Geoscience Online webpages
- 31 March: All presentations turned to displays, rescheduled sessions to blocks of 30 displays
- 1 April: Open for upload of presentation materials and commenting
- 1 April: First FAQ page live
- 6 April: Webinar
- 8 April: SC plan
- 16 April: Open for upload of session materials
- 16 April: Division Meetings scheduled
- 21 April: ‘how-to-use-the chat’ pages
- Last week of April: Chat video and test chat channels per programme group

*...in less than
1.5 months*



Sharing Geoscience Online: New concept

- *Online? Yes!* Because it is EGU's responsibility to help minimise the impact of COVID-19 on scientific research and collaboration
- Pilot experiment (we would like feedback!)
- Free registration
- Our considerations:
 - Science submitted to the General Assembly 2020 can be presented and shared
 - All authors and conveners can participate, across different time zones
 - Sharing Geoscience Online is accessible (in terms of bandwidth, for anyone with hearing or visual difficulties)
 - The concept works for all presentation types: oral, poster and PICO (**display**)



Sharing Geoscience Online in a nutshell

The concept of Sharing Geoscience allows:

- Authors to upload presentation materials and receive feedback on those from 1 April to 31 May 2020)
- Conveners, authors and attendees to discuss abstracts, presentation materials and open questions during a live, text-based chat (4 – 8 May)
- Everyone to participate in Union Symposia, Great Debates, Short Courses, Networking, Division Meetings, #shareEGUart, Photo Competition and more
- EGU to gather experience with online activities and use these in plans for reducing the environmental impact of the General Assembly





www.egu2020.eu

What is on during Sharing Geoscience Online?

- **Scientific sessions:** download presentation materials, discuss through public commenting, and participate in live text-based chats. More information on the [scientific sessions' page](#).
- **Union symposia:** 5 interactive webinars discuss overarching and interdisciplinary topics of EGU-wide interest.
- **Great debates:** join in the debate of 5 current discussion topics in the geosciences.
- **Short courses:** each day one or two short courses are available as webinars.
- **Townhall meetings:** join in the discussion of new initiatives and opportunities of geoscientific interest via live, text-based chat.
- **Photo Competition:** vote in the online EGU Photo Competition.
- **#shareEGUart:** follow our online artists, Stacy Phillips and Priyanka Das Rajkakati, and share your own creativity around your research with the hashtag #shareEGUart.
- **Division meetings:** update yourself on division news and give feedback.
- **Networking events:** meet your colleagues.

What is Sharing Geoscience Online?

EGU2020: Sharing Geoscience Online (#shareEGU20) brings part of the activities of the EGU General Assembly 2020 online. From 4 to 8 May 2020 (CEST) everyone can [join us](#) for their favourite sessions. Please have a look on our [EGU2020: Sharing Geoscience Online page](#) and follow [EGU's social media accounts](#) and [hashtags](#) for more information.

Participation in EGU2020: Sharing Geoscience Online does not require payment of a registration fee. For uploads of presentation materials and commenting, authors and participants only need to have a [Copernicus user account](#). Viewing abstracts and presentation materials does not require any authentication. Participating in text-based session chat channels requires the provision of a nickname and your email address. To organize your participation, please consider preparing your [personal programme](#). To learn more about the chat channels, please see our page on [how to use the chats](#).

Useful links

- [EGU2020: Sharing Geoscience Online at a glance](#)
- [FAQs on participating in Sharing Geoscience Online](#)
- [Scientific sessions for authors, conveners, and attendees](#)
- [How to use the chats](#)

[Presentation upload & management](#)

EGU's Code of Conduct

Participation in EGU2020: Sharing Geoscience Online implies agreement to [EGU's Code of Conduct](#). If you experienced infringements against these rules please contact conduct@egu.eu.

Code of Conduct

- Participation in EGU2020: Sharing Geoscience Online implies agreement to EGU's Code of Conduct, <https://www.egu.eu/about/code-of-conduct/>
- The Code of Conduct is flagged when uploading materials, when commenting, when entering the chat
- Violations or concerns to be reported to conduct@egu.eu



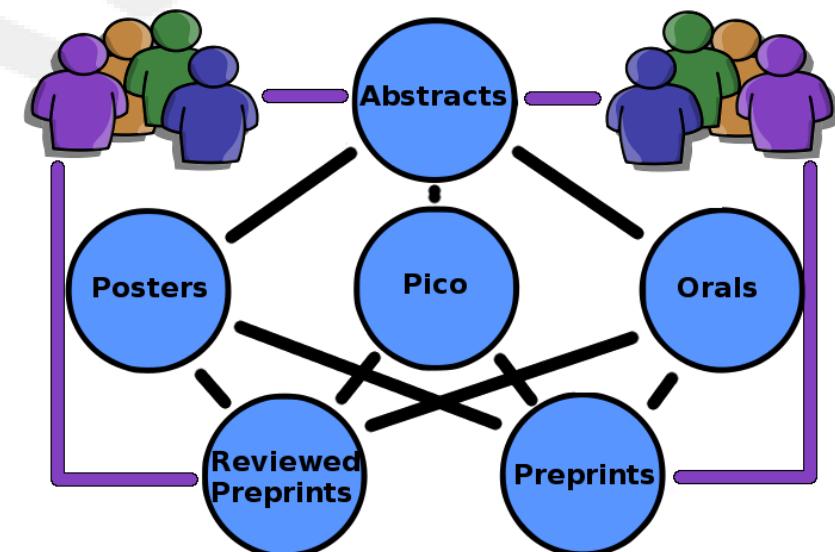
Other EGU GA activities already started and that will be implemented

- Green EGU: https://egu2020.eu/about_and_support/green_egu.html
- Accessibility and Inclusiveness:
https://egu2020.eu/about_and_support/accessibility_and_inclusiveness.html



What is it?

- A organised repository to share knowledge about Earth, Space and Planetary Sciences
- A unique container for any scientific document published by EGU
- A discussion forum for presentations, posters and preprints
- A mentoring platform where EGU knowledge is developed, presented and shared





will collect all documents published by EGU in a unique and organised place
(keywords, search tool, etc)



will collect all preprints submitted to EGU Journals in a unique place



will collect presentations @EGU which could
be posted in advance and commented by the community



will organise discussion on presentation within
mentoring programmes



will encourage virtual networking – a step forward to
virtual and greener meetings



EGU Governance Review: *Objectives*

A governance review is an opportunity for the EGU to reflect on its governance arrangements in order to best serve the current and future needs of the organisation, the members, the scientific community and global concerns.

In particular, the governance review will:

- determine whether the governance processes and structures of the EGU are fit for purpose
- make recommendations for any changes to better serve the current and future needs of the EGU and its members

Objectives of the EGU Governance Review

To review the governance processes and structures of the EGU, and make recommendations for any changes to enable the organisation:

- to best deliver its Mission and Vision
- to best serve the current and future needs of the organisation and its members;
- to ensure EGU structures deliver appropriate scientific and professional diversity and representation amongst EGU committees and boards



EGU Governance Review Scope: *EGU Member Input*

EGU members may input their views to the Governance Review via their divisional representatives on EGU Council

EGU members may also contact the Governance Review Panel directly via email at:

governancereview@egu.eu



Virtual Data Help Desk EGU 2020

4–8 May 2020

- Engage with Data Experts
- Learn Skills and Techniques
- Make your Data Open and FAIR



Ask questions through twitter via **#DataHelpDesk**



View short tutorials and demos. Details: bit.ly/DataHelpEGU20



A program of EGU, AGU, ESIP,
EarthCube, and their partners.



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Philippe Duchauffour Medal 2020

Georg Guggenberger

The 2020 Philippe Duchauffour Medal is awarded to Georg Guggenberger for outstanding research in the field of soil science, with special emphasis on conceptual work on the soil organic carbon evolution and interaction of organic matter with mineral structures.



Award ceremony postponed to 2021



Division Outstanding Early Career Scientists Award 2020

Sebastian Dötterl

The 2020 Division Outstanding Early Career Scientist Award is awarded to Sebastian Dötterl for his contributions to the understanding of biogeochemical processes along geoclimatic gradients and the role of soil development and soil disturbance as controls on carbon dynamics.



Award ceremony postponed to 2021



Outstanding Student Poster and PICO (OSPP) Award 2019



Arjun Chakrawal

How does soil spatial heterogeneity affect decomposition kinetics?

Bruna Imai

*The role of Common Mycorrhizal Networks for nutrient allocation
in *Fagus sylvatica* (European beech) trees*



Outstanding Student Poster and PICO (OSPP) Award 2019



Ringo Schwabe

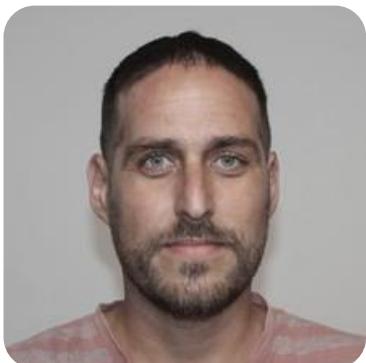
*The effect of the application of cell cultures and supernatants of PGPR (*Arthrobacter oxydans*) as soil additives on the phytoextraction of germanium and rare earth elements*

Roisin O'Riordan

The Soil-City Interface: Soil organic matter and ecosystem services



Outstanding Student Poster and PICO (OSPP) Award 2019



Theodor Bughici

Field Crop Irrigation—Multi-Objective Optimization and Sensitivity to Weather Forecast Accuracy



Outstanding Student Poster and PICO (OSPP) Award 2019



THANKS
Agnieszka Józefowska
OSPP Coordinator

Award ceremony postponed to 2021



New composition of the Philippe Duchaufour Medal Committee



we have to
approve...

Chair:

~~Jerzy Weber~~

Claudia Alves de Jesus-Rydin

Members:

~~Pete Smith (2017)~~

Yakov A. Pachepsky (2018)

Claire Chenu (2019)

Georg Guggenberger (2020)



New composition of the Outstanding Early Career Scientists Award Committee



we have to
approve...

Chair:

Claudio Zaccone

Members:

~~Victoria Arcenegui (2017)~~

Matthias Vanmaercke (2018)

Bahar S. Razavi (2019)

Sebastian Dötterl (2020)



Philippe Duchauffour Medal

Still active scientists

Outstanding Early Career Scientists Award

<7 years from the PhD

Deadline: June 15th, 2020

Instructions: EGU website (www.egu.eu/awards-medals/)

Mail to: awards.medals@egu.eu

NOMINATE NOW!



Additional Medal for SSS division (work in progress!)

During the EGU Council Meetings 2018 (Vienna, Sunday 8th April 2018), the proposal to establish a new medal for SSS was approved.

“[...] SSS will propose a name and a description of its new medal, and if needed modifications to the description of the existing one [...]”

Working group:

President, new Subdivision
Chairs, ECS-SSS, Medal
Committee Chair.

We will discuss this and
come with a proposal next
SSS business meeting.

THANKS TO
Saskia Keesstra
Former SSS President



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EGU GA 2020 - Soil System Sciences Division: some numbers...

year	sessions	abstracts
2014	83	1457
2015	93	1573
2016	100	1405
2017	79	1896
2018	43	1095
2019	43	1108
2020 *	47(+4)	1320 (+19%)

Orals: 629 (48%)
 Posters: 426 (32%)
 PICOs: 159 (12%)
 ITS: 106 (8%)

**52 oral blocks (+1)
 11 PICOs (+3)**

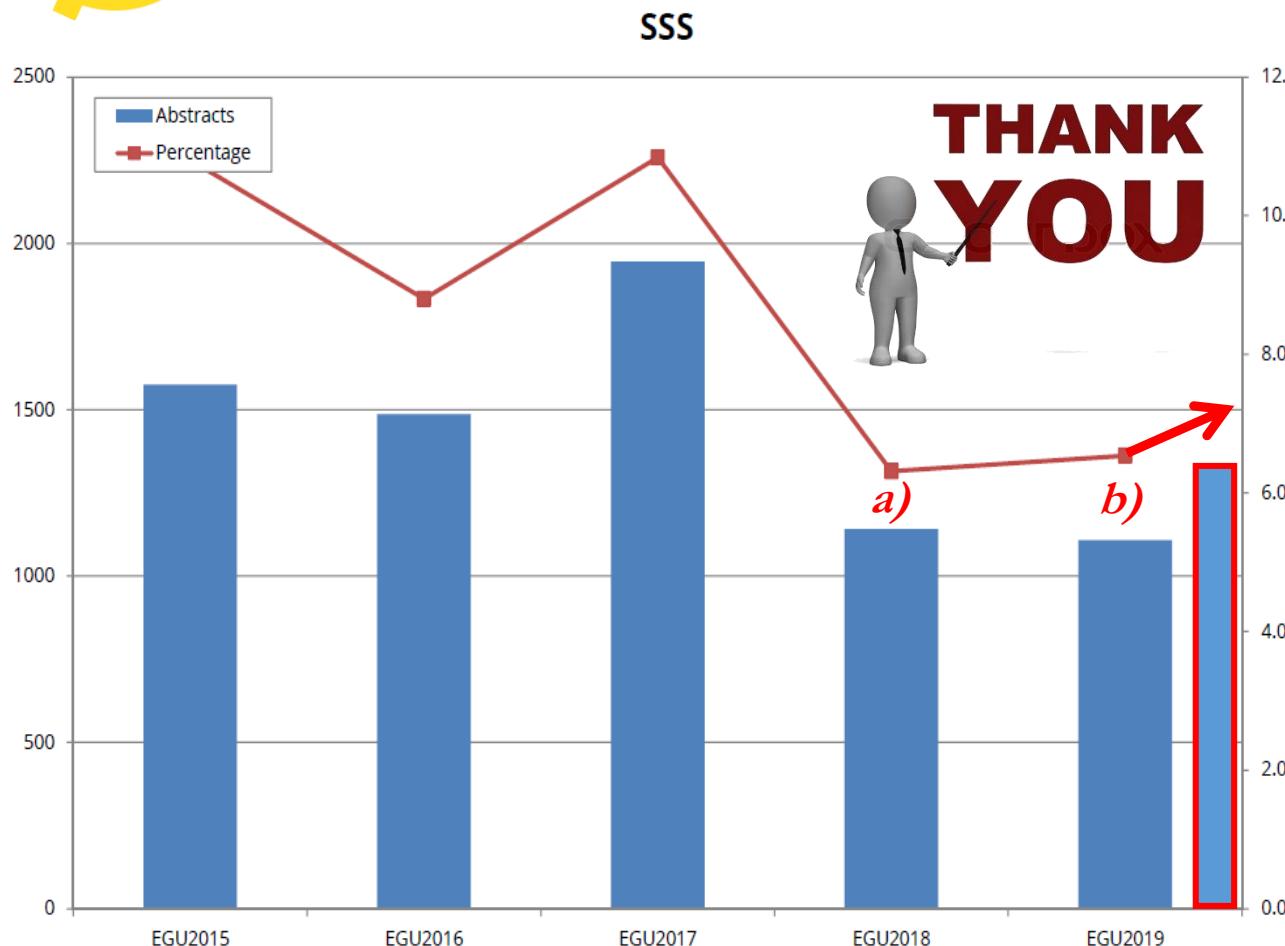
All now listed as
 display

**ECS: 722
 (55%)**

* Lead sessions only (active, scheduled) | 1,302 following Covid-19



a) 2018: withdrawal of no-show abstracts
 b) 2019: one first-author abstract rule



Division	% abstracts EGU GA 2019	% abstracts EGU GA 2020 *	Δ
HS	13.4	13.8	+0.4
AS	11.5	10.7	-0.8
NH	8.0	7.6	-0.4
CL	7.8	7.6	-0.2
SSS	6.6	7.2	+0.6
BG	6.0	6.9	+0.8
TS	4.7	4.4	-0.3
...

* Raw data (to be confirmed)



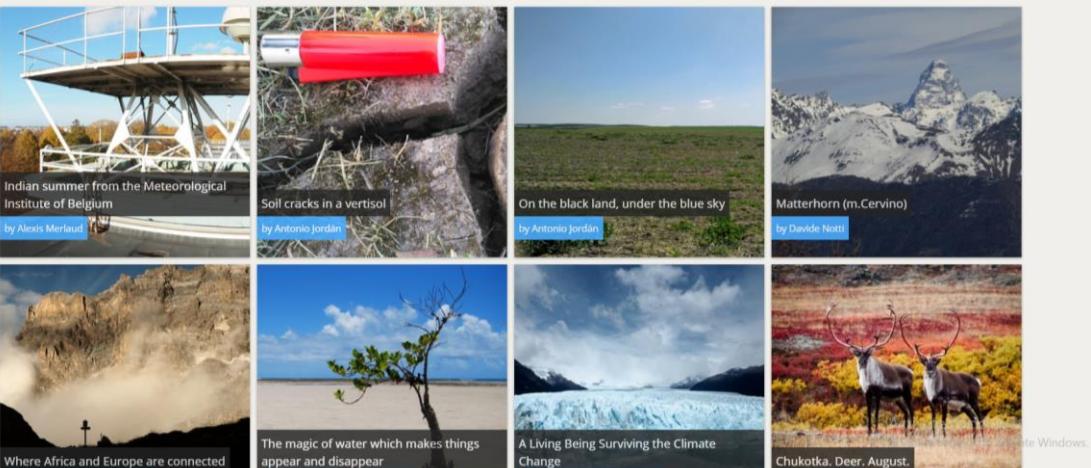


SSS
recommends

SHORT
COURSES
&
OTHER
EVENTS

imagede [Categories](#) [Regions](#) [Map](#) [Tags](#) [Videos](#) [Log in](#)

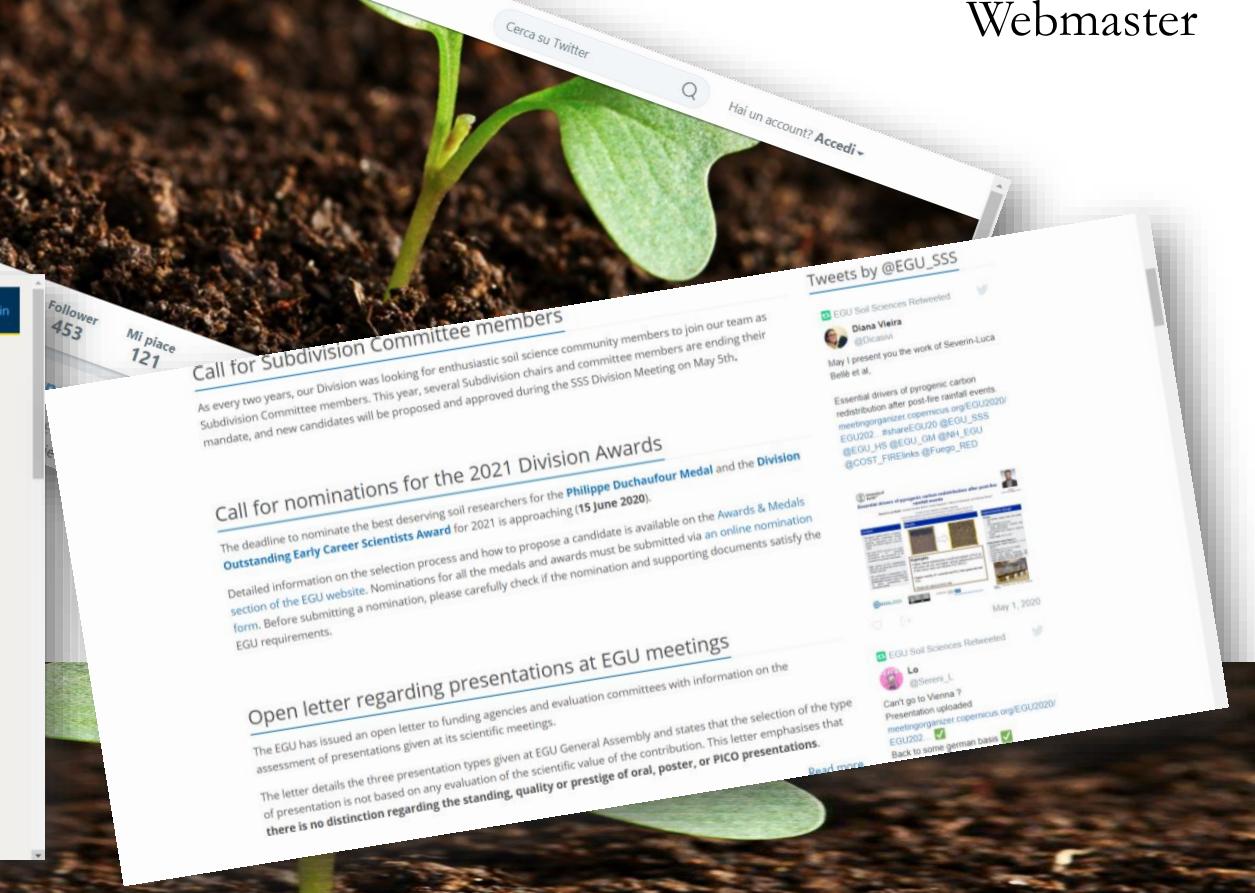
Home / Newest



THANKS!

Olga Vindušková

Secretary for News and Outreach,
Webmaster



The SSS division is (always) looking for volunteers to help out with Twitter and blogging.

Those who are interested can contact me (sss@egu.eu) or Olga (olga.vinduskova@gmail.com) or the ECS SSS representative (ecs-sss@egu.eu).

Olga Vindušková

Secretary for News and Outreach,
Webmaster

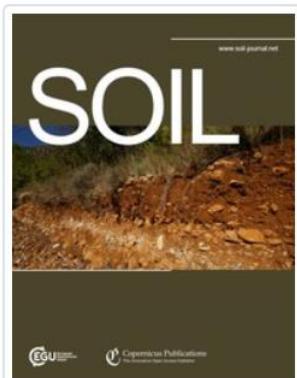


SSS | SOIL SYSTEM SCIENCES

Publications

[Home](#) / [SSS](#) / [Publications](#) / [Open access journals](#)

Below are the EGU's open access peer-reviewed journals relevant to the Soil System Sciences Division. For a complete list of EGU journals, click [here](#).



SOIL

[Homepage](#) [Recent papers](#) [Papers in open discussion](#) [Editorial board](#)

SOIL is an international scientific journal dedicated to the publication and discussion of high-quality research in the field of soil system sciences. It 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.).

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SSS SOIL SYSTEM SCIENCES

Structure

[Home](#) / [SSS](#) / [About](#) / [Structure](#)

www.egu.eu/sss/structure/



we have
to approve

...

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

President

Deputy President

Programme Group Chair

Secretary for News and Outreach

Philippe Duchaufour Medal Chair

ECS Representative

ECS Co-Representatives (new)

OSPP Coordinator

Webmaster

Claudio Zacccone

Bas van Wesemael

Claudio Zacccone

Olga Vindušková

Jerzy Weber

Steffen Schweizer

-

Agnieszka Józefowska

Olga Vindušková

Claudio Zacccone

Bas van Wesemael

Claudio Zacccone

Olga Vindušková

Claudia Alves de Jesus-Rydin

Layla Marquez San Emeterio

Daniel L. Evans, Mika T. Turunen

Agnieszka Józefowska

Olga Vindušková



New ECS-SSS representative (and co-representatives)

18 Feb 2020	Claudio Zaccone	SSS Subdivision committee members and ECS representative	
Sent on 18 Feb 2020 12:04:07 by Claudio Zaccone to egu2020-sss-authors:			
Dear SSS member,			
<p>this year the composition of the SSS sub-divisions (https://www.egu.eu/sss/structure/) will be renewed. A new Committee member for each subdivision will be nominated during the SSS business meeting. Therefore, if you are interested to serve a subdivision and/or you need more info, please contact the corresponding Committee Chair. Please take into account that new committee members need to be nominated and approved during the SSS business meeting, i.e., they need to be present during the SSS meeting.</p>			

A call was spread on 18th and 26th February (deadline: March, 31st)

26 Feb 2020	Claudio Zaccone	Vacancy for ECS Representative of the SSS Division	
Sent on 26 Feb 2020 08:39:02 by Claudio Zaccone to egu2020-sss-ecs:			
Dear Early Career Scientist,			
<p>In our division we are looking for a new Early Career Scientist (ECS) Representative. This is a great opportunity, but you may have some questions like: What does this mean? What are the tasks of the ECS Division Representatives? Who are we looking for? And most importantly - how do I apply?!</p> <p>What is an ECS Representative?</p>			



WHO WE ARE

Early career scientists (ECS) are students and geoscientists who received their highest degree within the past seven years (up to one year of parental leave added for each child). ECS constitute **more than half of the members** of the European Geosciences Union (EGU).

OUR VISION

Our aim is to have an **open and inclusive ECS community** that is actively involved in EGU activities, **leading to faster developments in the Earth, planetary and space sciences in today's rapidly changing environment and society.**

OUR STRATEGIC PRIORITIES

Strengthening ties between ECS representatives **across scientific divisions** and improving communication with ECS members within EGU to form an **inclusive geosciences community**;

Identifying what support is needed for the **mental well-being and work-life balance** of ECS and implementing actions needed to tackle these challenges.

Encouraging ECS to actively contribute to the General Assembly scientific programme, to **ensure a diversity of geoscientific views and ideas.**

Improving the visibility of ECS and their **representatives in the EGU** and in the Earth, planetary and space science community.

Promoting opportunities for **networking** and developing **transferable skills** for a **wide range of career paths.**

Early Career Scientists (ECS) representatives team

ECS in the scientific community



ECS role within EGU

Union-level Reps

Connectivity

Work-life balance

Job/Careers/Funding



Working Groups



EGU Office

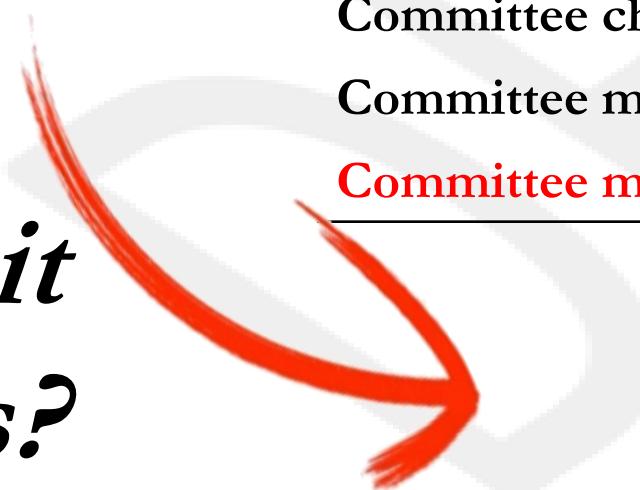


SSS x: Soils at EGU

Committee chair	AAA	2018-2020
Committee member	BBB	2020-2022
Committee member	CCC	2022-2024

SSS x: Soils at EGU

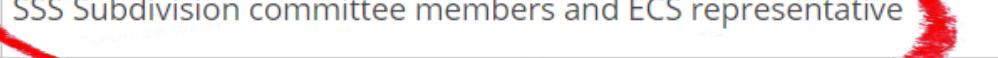
Committee chair	BBB	2020-2022
Committee member	CCC	2022-2024
Committee member	DDD	2024-2026

 How it
works?

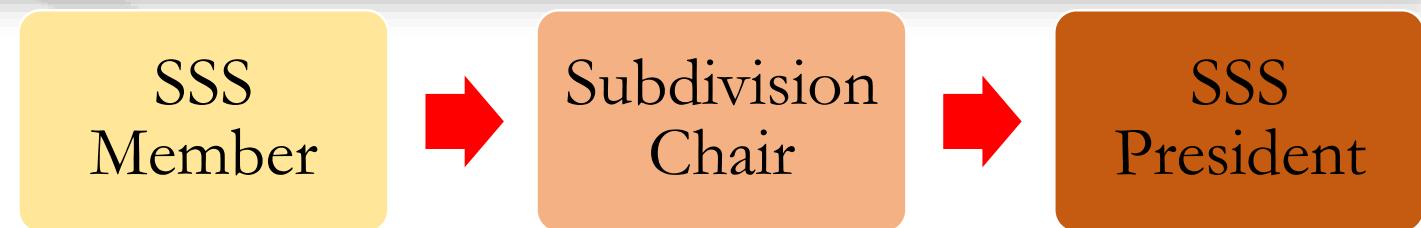
SSS x: Soils at EGU

Committee chair	CCC	2022-2024
Committee member	DDD	2024-2026
Committee member	EEE	2026-2028

Vacancies in SSS subdivisions...

18 Feb 2020	Claudio Zaccione	SSS Subdivision committee members and ECS representative		
Sent on 18 Feb 2020 12:04:07 by Claudio Zaccione to egu2020-sss authors:				
<p>Dear SSS member,</p> <p>this year the composition of the SSS sub-divisions (https://www.egu.eu/sss/structure/) will be renewed.</p> <p>A new Committee member for each subdivision will be nominated during the SSS business meeting. Therefore, if you are interested to serve a subdivision and/or you need more info, please contact the corresponding Committee Chair. Please take into account that new committee members need to be nominated and approved during the SSS business meeting, i.e., they need to be present during the SSS meeting.</p>				

A call was spread on 18th February and advertised on the SSS website (deadline: March, 31st)



SSS1: History, Education and Society of Soil Science

Committee chair	Jacqueline Hannam	Curtis Monger	2020-2022
Committee member	Curtis Monger	Manuel Esteban Lucas Borja	2022-2024
Committee member	Manuel Esteban Lucas Borja	Demetrio Antonio Zema	2024-2026

SSS2: Soil Erosion and Conservation

Committee chair	Tani Taguas	Pasquale Borrelli	2020-2022
Committee member	Manuel Lopez Vicente *	Panos Panagos	2022-2024
Committee member	Pasquale Borrelli	Carla Sofia Ferreira	2024-2026

* personal reasons



SSS3: Soils as Records in Time and Space

Committee chair	Daniela Sauer	Anna Schneider	2020-2022
Committee member	Ian Simpson *	Oren Ackermann	2022-2024
Committee member	Anna Schneider	Brad Sion	2024-2026

* personal reasons

SSS4: Soil Biology, Microbiology and Biodiversity

Committee chair	Evgenia Blagodatskaya	Hannes Schmidt	2020-2022
Committee member	Hannes Schmidt	Ellen Kandeler	2022-2024
Committee member	Ellen Kandeler	Edith Hammer	2024-2026



SSS5+6: Soil Chemistry and Organic Matter Dynamics

Committee chair	Sebastian Dötterl, Raul Zornosa	José María de la Rosa	2020-2022
Committee member	Jennifer Dungait *	Carsten Mueller	2022-2024
Committee member	José María de la Rosa	Cristina Santin Nuño	2024-2026

* *personal reasons*



SSS7: Soil Physics

Committee chair	Rafael Angulo Jaramillo	Massimo Iovino	2020-2022
Committee member	Massimo Iovino	Laurent Lassabatère	2022-2024
Committee member	Laurent Lassabatère	Kirill Gerke	2024-2026

SSS8: Soil Pollution and Reclamation

Committee chair	Elena Korobova	Maria Manuela Abreu	2020-2022
Committee member	Maria Manuela Abreu	Miriam Munoz Rojas	2022-2024
Committee member	Miriam Munoz Rojas	Carmen Perez-Sirvent	2024-2026

Honorary member

Jaume Bech

Jaume Bech



SSS9: Soil, Environment and Ecosystem Interactions

Committee chair	David Finger	Velibor Spalevic	2020-2022
Committee member	Velibor Spalevic	Pablo Tittonell	2022-2024
Committee member	Pablo Tittonell	Zahra Kalantari	2024-2026

SSS10: Soils, Forestry and Agriculture

Committee chair	José Gómez	Amandine Pastor	2020-2022
Committee member	Amandine Pastor	Marta Maria Moreno	2022-2024
Committee member	Marta Maria Moreno	Diana Vieira	2024-2026



SSS11: Metrics, Informatics and Statistics in Soils

Committee chair	Nadezda Vasilyeva	Alice Milne	2020-2022
Committee member	Alice Milne	Laura Poggio	2022-2024
Committee member	Laura Poggio	Sara König	2024-2026

SSS12: Material and Methods in Soil Science

Committee chair	Thomas Iserloh	Thomas Iserloh	2019-2021
Committee member	Xiangzhou Xu	Xiangzhou Xu	2021-2023
Committee member	-	Anette Eltner	2023-2025

Does
everybody
agree?



Because of the merging of **SSS5-Soil chemistry** and **SSS6-Soil organic matter**, we have an opening for a new sub-program/sub-division...

"Soil and One Health"

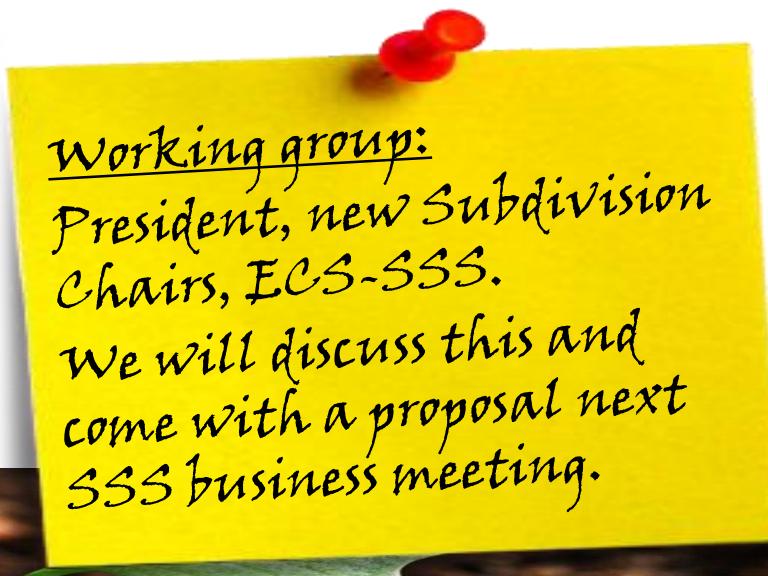
"Soil and Human Health"

"Soil policy and legislation"

"Soil Forensics" *"etc etc"*

SSS 0.0: ...[...]

Committee chair	XXX	2020-2022
Committee member	YYY	2022-2024
Committee member	ZZZ	2024-2026


Working group:
President, new Subdivision
Chairs, ECS-SSS.
We will discuss this and
come with a proposal next
SSS business meeting.

GA 2021 timeline (working version)

1 – 19 Jun 2020 Sub-programme structure (call-for-skeleton)

24 Jun – 15 Aug 2020 Public call for GDB and US

24 Jun – 11 Sep 2020 Public call-for-sessions, including SC

16 Sep – 14 Oct 2020 Session programme finalization

1 Dec 2020 Support application deadline

13 Jan 2021 Abstract submission deadline



THANKS!

Officers, Sub-division Chairs, Conveners, ECS and Members for all your hard work...

Jacqueline Hannam (SSS1)

David Finger (SSS9)

Daniela Sauer, Ian Simpson (SSS2)

José Gómez (SSS10)

Tani Taguas, Manuel López Vicente (SSS3)

Nadežda Vasilyeva (SSS11)

Evgenia Blagodatskaya (SSS4)

Jerzy Weber (Medal Committee Chair)

Sebastian Dötterl, Raul Zornosa, Jennifer Dungait (SSS5+6)

Steffen Schweizer (ECS-SSS representative)

Rafael Angulo Jaramillo (SSS7)

Saskia Keesstra (former SSS President)

Elena Korobova (SSS8)

Lily Pereg† (former deputy SSS President)

