

Welcome to the division meeting of
**Soil System Science
Division**

Saskia Keesstra/Lily Pereg

10th April 2018

Soil System
Sciences

Division



Meetings | Publications | Outreach | www.egu.eu

Welcome and agenda

Awards

Philippe Duchaufour Medal

Outstanding Student Poster Award

Best Flyer, Best Poster, Best Talk, Best Convener 2015

Outstanding Young Scientist Awards

Report on EGU and SSS activities 2016/2017

Adaptations to the SSS structure and SSS Officers

Strategy & scientific program for EGU 2017/2018





Philippe Duchaufour Medal 2017

Yakov Pachepsky

The 2018 Philippe Duchaufour Medal is awarded to Yakov A. Pachepsky for outstanding research in the field of soil hydraulic properties and the fate of pathogens in soils, which greatly influenced the development of soil science.



Room K2 at 19:00

EGU Outstanding student poster/Pico award

Matthias Siewert and Gustaf Hugelius

High-resolution mapping and spatial variability of soil organic carbon storage of permafrost-affected soils

Chantal Hendriks

How to feed environmental studies with soil information to address SDG ~~â~~Zero hungerâ€™



EGU Outstanding student poster/Pico award

Lars A. Meier

Soil micromorphology, geochemistry and microbiology at two sites on James Ross Island, Maritime Antarctica

Guillaume Piton and Alain Recking

A generic Froude scale model study of massive bedload deposition in a debris basin



EGU Outstanding student poster award

Olga Vindušková

Soil organic matter dynamics on a long chronosequence of landslides in the Outer Western Carpathians

Dorothee Post

Are hardwood species sensitive for reconstructing landslide movements?



Soil System Sciences Division
**2018 Outstanding
Early Career Scientists Award**
is awarded to

Matthias Vanmaerke

for his

outstanding research on understanding the rates
and impacts of soil erosion and catchment
sediment export at regional and continental
scales.



Wed, 11 Apr, 08:30–09:00 / Room K2

Composition of the Outstanding Young Scientist Award Committee

Chair:

Saskia Keesstra

Members:

Agata Novara 2016

Vicky Arcenegui 2017

Matthias Vanmaerke 2018

Composition of Philippe Duchaufour Medal committee

Chair:

Jerzy Weber

Members:

Heike Knicker **2016**

Pete Smith **2017**

Yakov Pachepsky **2018**

Awards

Duchaufour Medal

Age: in-career scientists (around 50)

Outstanding Young Scientist

Less than 7 years PhD

Deadline: June 15th, 2018

Instructions: EGU Website

Mail to: awards.medals@egu.eu

Or contact sss@egu.eu

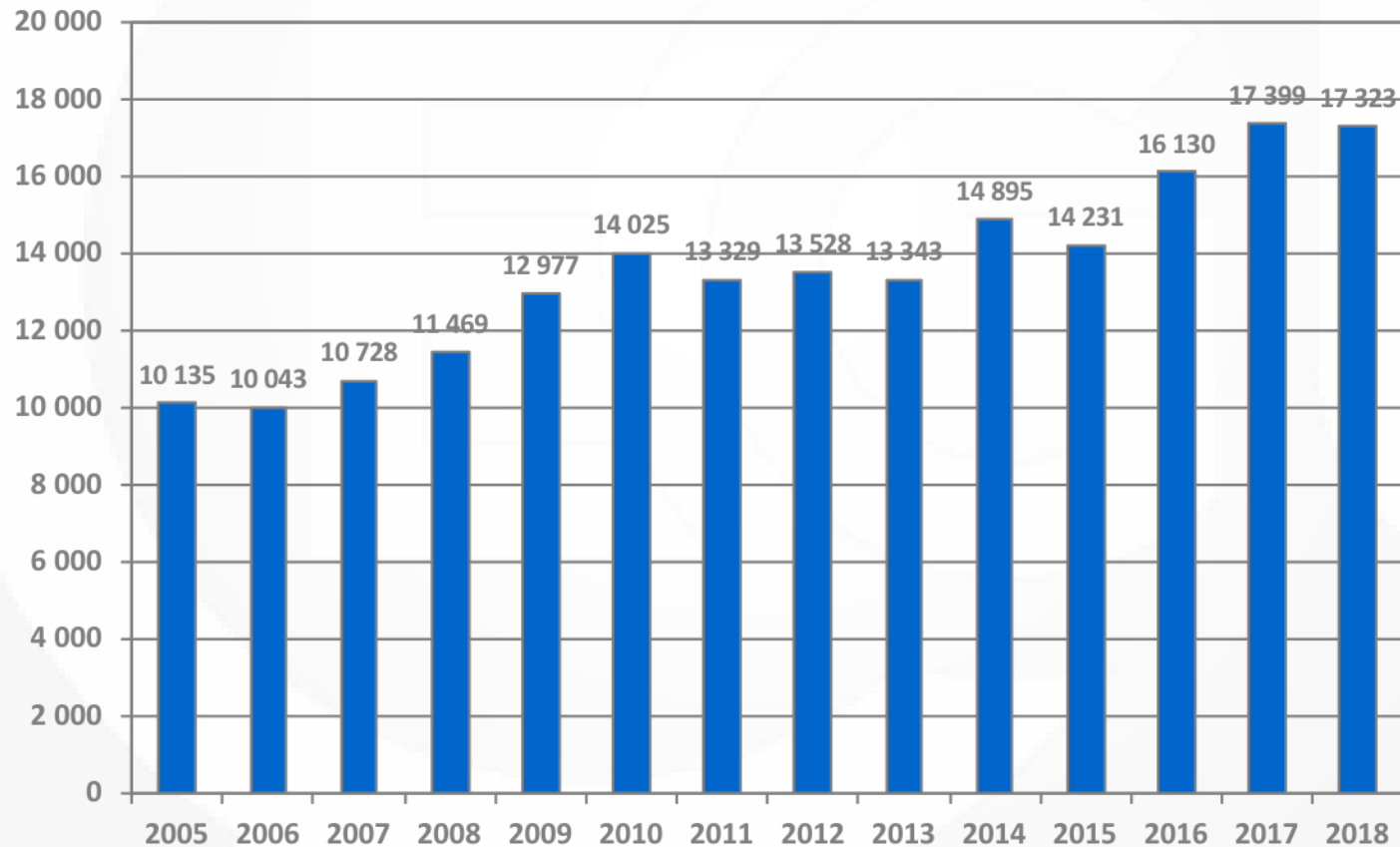
EGU 2018

Soil System Sciences Division



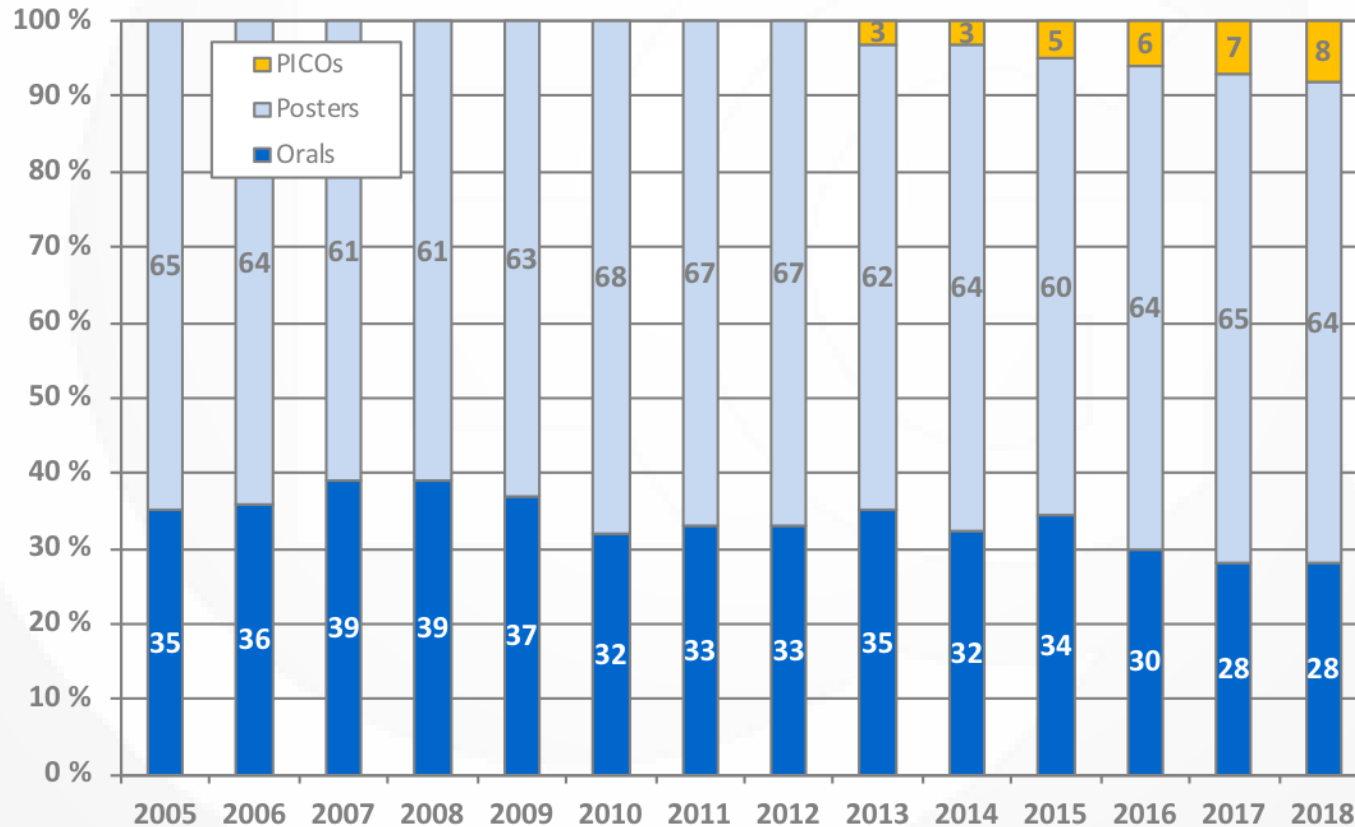


Papers in programme 2005–2018





Presentation ratio 2005–2018





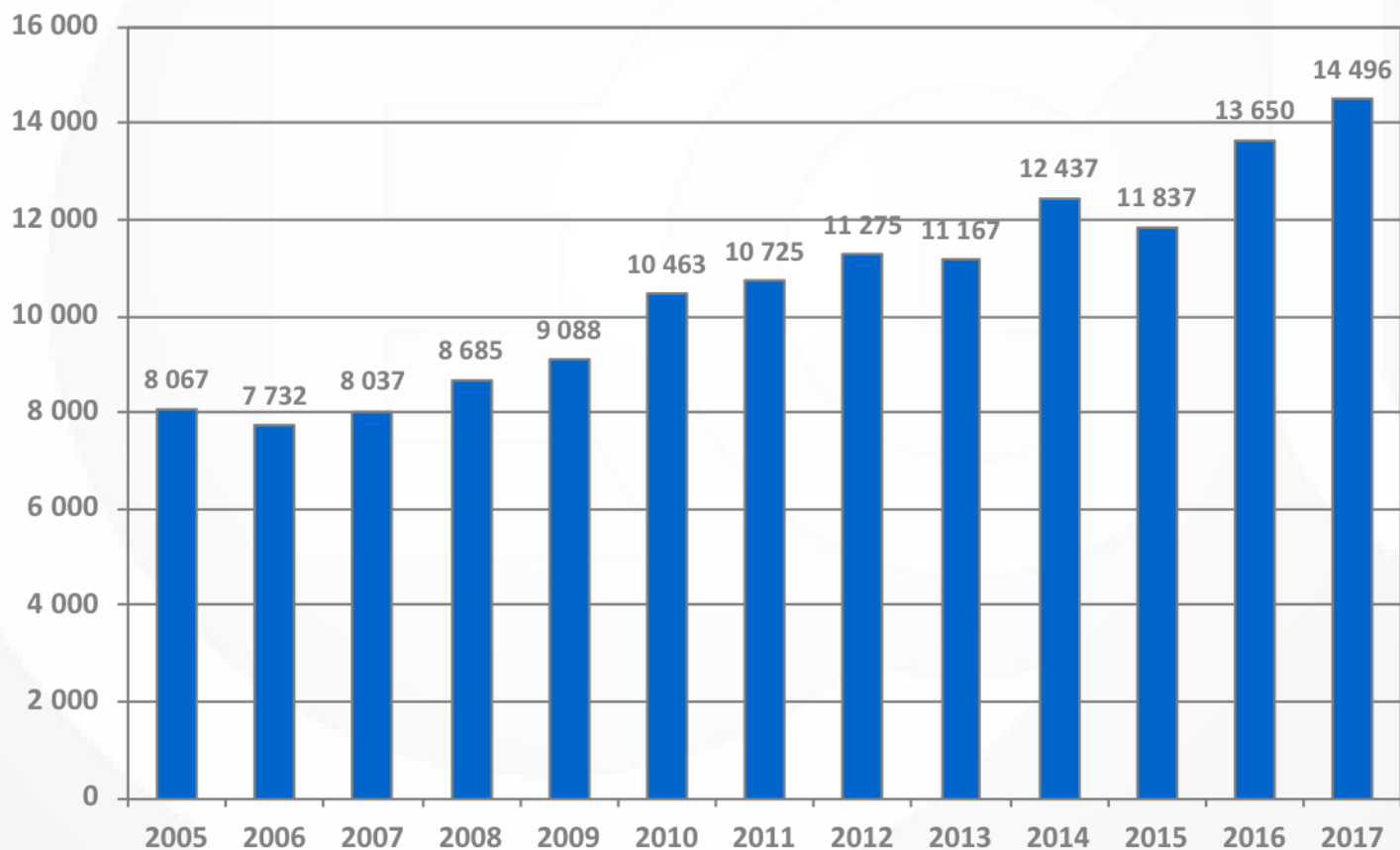
European Geosciences Union General Assembly 2018

Vienna | Austria | 8–13 April 2018



EGU.eu

Participants at EGU General Assemblies 2005–2017



| Year | Sessions | Abstracts |
|-------------|-----------------|------------------|
| 2005 | 11 | 278 |
| 2006 | 16 | 320 |
| 2007 | 13 | 313 |
| 2008 | 25 | 586 |
| 2009 | 36 | 752 |
| 2010 | 27 | 874 |
| 2011 | 33 | 808 |
| 2012 | 41 | 905 |
| 2013 | 57 | 1009 |
| 2014 | 83 | 1457 |
| 2015 | 93 | 1573 |
| 2016 | 100 | 1405 |
| 2017 | 79 | 1896 |
| 2018 | 43 | 1095 |

| DV | Abstracts | % |
|------------|------------------|------------|
| HS | 2398 | 14% |
| AS | 1905 | 11% |
| CL | 1310 | 7% |
| NH | 1294 | 7% |
| SSS | 1095 | 6% |
| TS | 935 | 5% |
| BG | 952 | 5% |
| GM | 887 | 5% |



SSS Division and Social Media

Olga Vindušková

Secretary for News and Outreach, Webmaster

New Twitter profile

Twitter, Inc. [US] | https://twitter.com/EGU_SSS

Aplikace Web of Science [v.5.2] ResearchGate Překladač Google Gmail Fakulta — Přírodověd Save to Mendeley Cambridge Free Engl BBC World Service - r

Home Notifications Messages Search Twitter EGU Tweet

@EGU_SSS

Hashtags #EGU18 #EGU18SSS

SSS EGU

Tweets 21 Following 28 Followers 50 Likes 7 Lists 0 Moments 0 Edit profile

EGU Soil Sciences @EGU_SSS

Tweets Tweets & replies Media

EGU Soil Sciences @EGU_SSS · 4h

Who to follow · Refresh · View all

Agronomy Crop Soil @AS...

Olga Vindušková
2018

SSS Division meeting EGU General Assembly April 10



SHORT COURSES & OTHER EVENTS

AT EGU 2018

SUNDAY 8

Opening reception
18:30–21:00 / Foyer E

MONDAY 9

How to navigate the EGU: tips and tricks
08:30–10:00 / Room -2.91

Current techniques to measure and analyse redox potentials in wetland soils and sediments (co-organized)
13:30–15:00 / Room -2.31

Help! I'm presenting at a scientific conference!
13:30–15:00 / Room -2.16

Debunking myths and fake news: how can geoscientists fight misinformation and false claims
15:30–17:00 / Room -2.91

TUESDAY 10

Analytical techniques for revealing the nature and chemical properties of natural organic matter
08:30–10:00 / Room -2.31

Unconscious bias
10:30–12:00 / Room -2.91

Division meeting for Soil System Sciences (SSS)
12:15–13:15 / Room K2

Imaging and image processing of biogeochemical and structural characteristics in soil microenvironments (co-organized)
13:30–17:00 / Room -2.91

Philippe Duchaufour Medal Lecture
Yakov A. Pachepsky
19:00–20:00 / K2

WEDNESDAY 11

SSS Division Outstanding ECS Award
Matthias Vanmaercke
08:30–09:00 / K2

How do you peer-review?
10:30–12:00 / Room -2.85

How to get involved in global efforts to sustain soil and land
13:30–15:00 / Room -2.31

SSS ECS Social dinner
20:00–? / Beaver Brewing Company,
Liechtensteinstraße 69

THURSDAY 12

Early Career Scientists' Forum
12:15–13:15 / Room N2

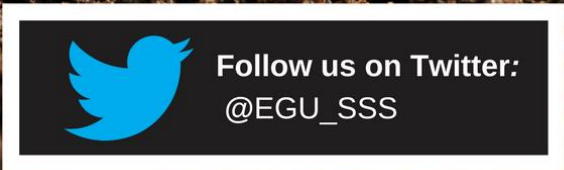
Academia is not the only route: exploring alternative career options for Earth scientists
15:30–17:00 / Room -2.16

Meet the experts in land and soil functions: from primary productivity to biodiversity (co-organized)
19:00–20:00 / Room -2.91

FRIDAY 13

Scientific publishing, science integrity and work ethics: short-course on the scientific method and our modern work environment
08:30–12:00 / Room -2.91

Meet the experts in Geomorphology (co-organized)
10:30–12:00 / Room -2.16

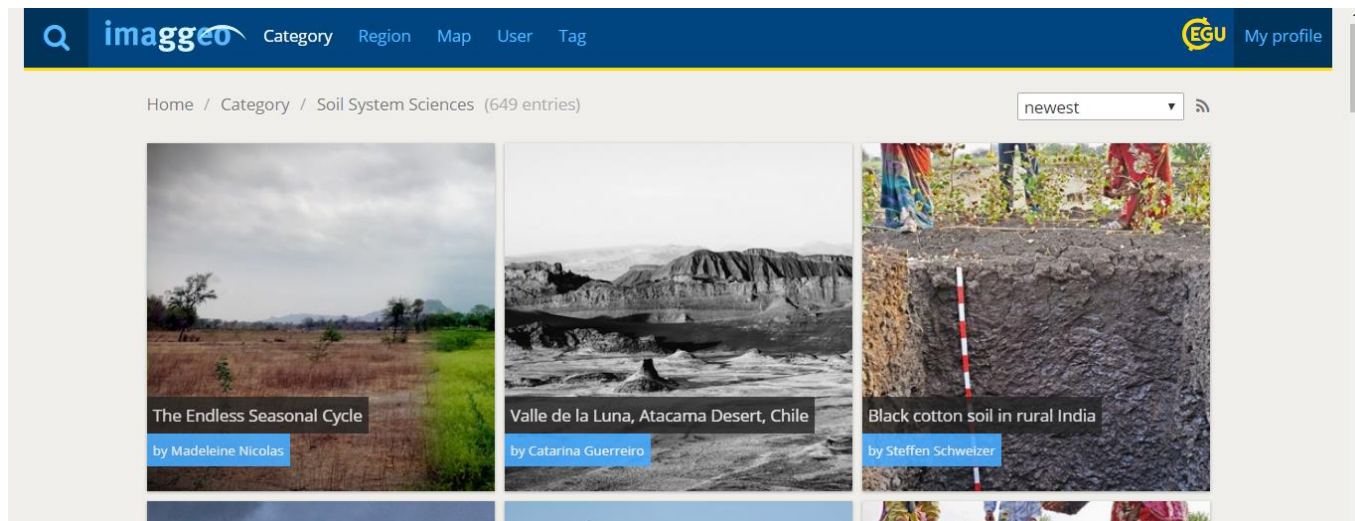


Imaggeo

<https://imaggeo.egu.eu/>

Register and share your geosciences-related pictures

All posted pictures copyrighted under CC3.0 = give credit



Plans

- Revive SSS Blog
- Launch new Facebook profile?
- We welcome any ideas and initiative from you!

Volunteers wanted!

- Help with Twitter, ?Facebook
- Regular bloggers, guest bloggers, English editing
- Meet us:
 - Tuesday: 15:00 EGU Booth
 - Wednesday: 12:00 - 13:30, Room: 3.85, 3rd floor
 - Thursday: ECS Forum 12:15-13:15, Room N2



Thank you for your attention!

Contact me:

olga.vinduskova@gmail.com



EGU Assembly: **Vienna 2019**

Organising sessions: usual procedures

- Rotation of topics and conveners (**1 TO 4 ACTIVE CONVENERs**)
- No duplication and overlap among sessions **BUT IF....**
- Encourage *poster only* sessions and PICO
- Try to cover emerging topics
- Encourage interdisciplinarity
- **Sessions with less than 20-22 papers: merged or posters**
- **Continue to be open for young scientists!**
- **If you are interested in convening a session, send your ideas**

- **No solicited presentations by conveners:** “Authors (first and co-authors) should not have a solicited presentation in a session they (co-)convene. (Co-)conveners should not be presenting author, and are discouraged from being co-author, on oral presentations in a session they convene.”
- **1 abstract rule:** “Authors are allowed as first author to submit either one regular abstract plus one abstract solicited by a convener, or two solicited abstracts.”
- **Number of conveners on a session:** At session submission minimum 2 – maximum 5
- **Number of convenerships as a recommendation:** 1 as main convener, maximum 3 (co-)convenerships total

GA 2019 timeline

- | | |
|------------------------------|---|
| 01 Jun – 21 Jun 18 | Call-for-skeleton. Only sub-programme structure (headers), no sessions |
| 25 Jun – 13 Sep 18 | Public call-for-sessions Includes GDB and US |
| 15 Oct 18 – 10 Jan 19 | Abstract submission |

EGU19 – Scheduling Criteria

- **Consider all Conveners requests (!!!) I did !!!!**
- **Avoid overlapping among similar topics within the Division and between Divisions (tagging)**
- **Uniform distribution of orals and posters during week**
- **Posters clustered in the 5th block**

Constraints (Monday and Friday)

- **Number of time blocks and rooms**
- **Scheduling poster after orals (also on Friday)**
- **At least 1-2 Young Scientist talks per each oral block....**

New for the future, still being discussed

- **New format for the meeting because the meeting is growing**
- **All presentation forms in parallel (oral, pico, poster) the whole day**
- **More updates will come soon about this**

SSS DIVISION STRUCTURE



The structure of the SSS for 2018-2019

Incoming/vice President

Outgoing President

OSP Coordinator

Secretary for News and outreach

Science officer

Young Scientist Representative

Lily Pereg

Saskia Keesstra

Taru Sanden: vacancy!

Olga Vindušková

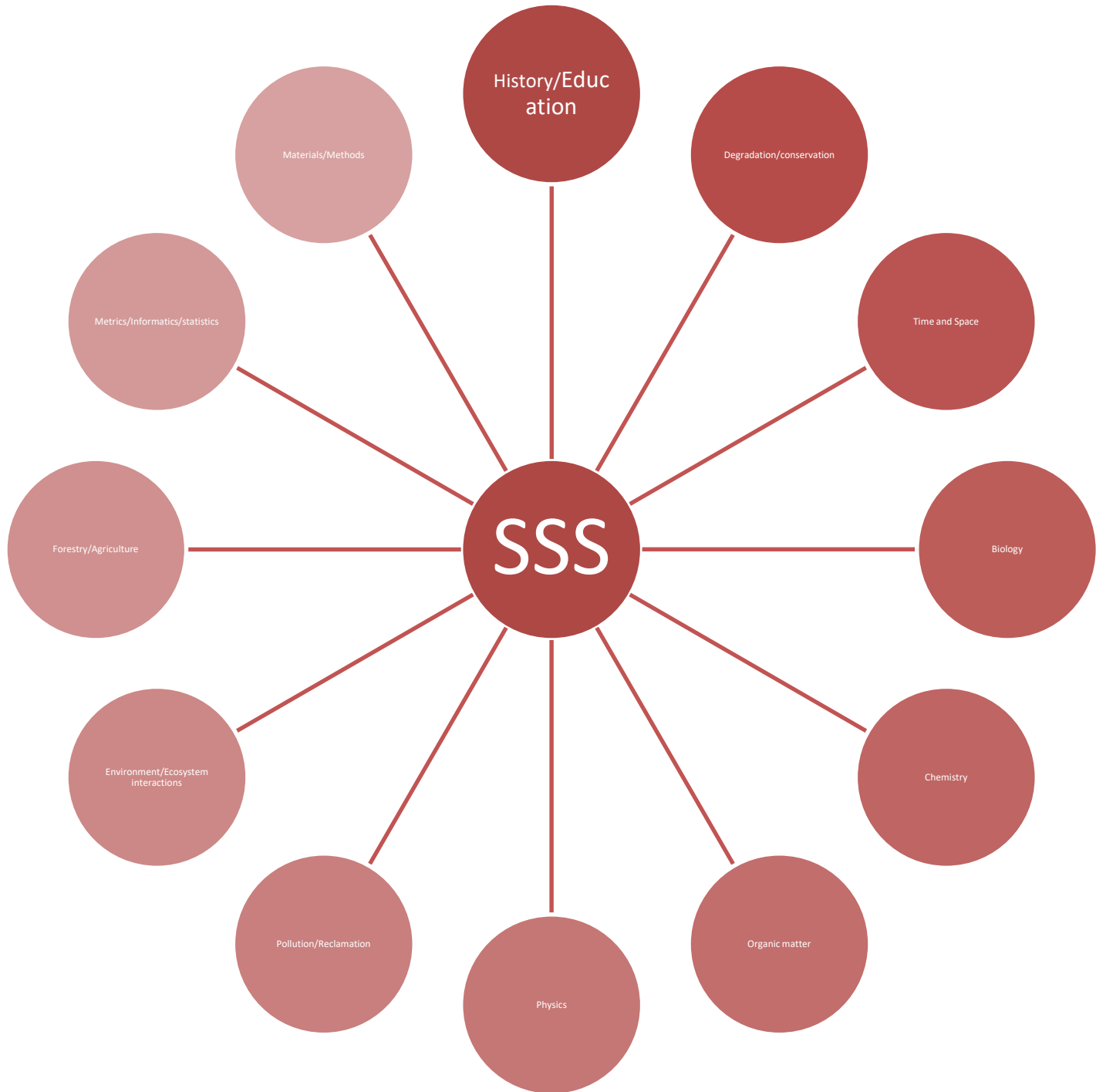
Claudio Zaccone

**Taru Sanden, new: Steffen
Schweizer**

New Vice President/incoming president

Lily Pereg





Working with the SSS Division

- Keep the soil community well informed and promote transparency of processes
- Redeveloping communication channels: twitter, facebook
- Further mentoring and training of ECS
- Challenging and re-evaluation of current measures of success: quantity VS. quality

Actions in response to citation stacking

- The perpetrator was immediately asked to withdraw from of all functions and excluded from further editorial tasks
- The issue was communicated to the entire community, including retraction watch, Clarivate Analytics and relevant journals (e.g. Geoderma, Catena, LDD)
- An editorial about the issue was published in ALL EGU journals, which remains online as a publication
- A public debate was organised about the issue
- All the editorial boards of EGU journals were informed of this case of misconduct and **on the actions we had taken to prevent this from happening again**

Changes to MS review process

- Recent changes were also in response to the “citation stacking” issue that affected the Soil Science community:
- We made the rules and guidelines, regarding this type of misconduct, more precise and revised the guidelines so as to make sure that authors do not feel pressured to accept citations to suggested literature:
 - a. Obligations for authors: points 11–13, https://www.soil-journal.net/for_authors/obligations_for_authors.html
 - b. Obligations for editors: points 10–12, https://www.soil-journal.net/for_reviewers/obligations_for_editors.html
 - c. Obligations for referees: points 10+11, https://www.soil-journal.net/for_reviewers/obligations_for_referees.html
- If authors have any doubts about the conduct of certain individuals involved in the review process, contact the **EGU ombudsman for publications** confidentially for help or advice

Come and join us

- Soon after the EGU2018 we start working on the plans for 2019
- We would like to hear from you about your ideas
- ECS use the unique system of the EGU GA to suggest and convene sessions on hot topics
- Investigate the opportunities for “Great Debates” “Short Courses”
- Make our lives harder – send us larger number of ECS nominations for medal
- Put your name forward for future subdivision committee membership

SSS DIVISIONS CHAIRS and MEMBERS

1. History, Education and Society of Soil Science

| | | |
|------------------|------------------|-----------|
| Committee chair | Jaqueline Hamman | 2018-2020 |
| Committee member | Curtis Monger | 2020-2022 |
| Committee member | Vacancy | 2022-2024 |



SSS DIVISIONS CHAIRS and MEMBERS

2. Soil Erosion and Conservation

| | |
|------------------|-----------------------------|
| Committee chair | Tani Taguas |
| Committee member | Manuel Lopez Vicente |
| Committee member | Pasquale Borrelli |
| | |



SSS DIVISIONS CHAIRS and MEMBERS

3. Soil as a Record in Time and Space

| | |
|------------------|-----------------------|
| Committee chair | Daniela Sauer |
| Committee member | Ian Simpson |
| Committee member | Anna Schneider |

SSS DIVISIONS CHAIRS and MEMBERS

4. Soil Biology, Microbiology and Biodiversity

| | |
|------------------|------------------------------|
| Committee chair | Evgenia Blagodatskaya |
| Committee member | Hannes Schmidt |
| Committee member | Johan Six |
| | |

SSS DIVISIONS CHAIRS and MEMBERS

| | |
|--------------------------|---------------------|
| 5. Soil Chemistry | |
| Committee chair | ? |
| Committee member | Ruben Sakrabani |
| Committee member | Raul Zornoza |



SSS DIVISIONS CHAIRS and MEMBERS

6. Soil Organic Matter

Committee chair

Sebastian Dötterl

Committee member

Jennifer Dungait

Committee member

Jose Maria de la Rosa



SSS DIVISIONS CHAIRS and MEMBERS

| | |
|------------------------|----------------------------|
| 7. Soil Physics | |
| Committee chair | Angelo Jaramillo |
| Committee member | Massimo Iovino |
| Committee member | Laurent Lassabatere |



SSS DIVISIONS CHAIRS and MEMBERS

8. Soil Pollution and Reclamation

| | |
|------------------|----------------------------|
| Committee chair | Elena Korobova |
| Committee member | Maria Manuela Abreu |
| Committee member | Miriam Munoz Rojas |

Honorary member of SSS8

Jaume Bech



SSS DIVISIONS CHAIRS and MEMBERS

9. Soil, Environment and Ecosystem Interactions

| | |
|------------------|-------------------------|
| Committee chair | David Finger |
| Committee member | Velibor Spalevic |
| Committee member | Pablo Tittonell |

SSS DIVISIONS CHAIRS and MEMBERS

10. Soils, Forestry and Agriculture

| | |
|------------------|------------------------|
| Committee chair | José Gómez |
| Committee member | Amandine Pastor |
| Committee member | Marta Moreno |

SSS DIVISIONS CHAIRS and MEMBERS

11. Soils: Informatics and Statistics

Committee chair: Nadezda Vasilyeva

Committee member: Alice Milne

Committee member: Laura Poggio



SSS DIVISIONS CHAIRS and MEMBERS

New Sub-division

12. Material and Methods in Soil Science

| | |
|------------------|-----------------------|
| Committee member | Paolo Tarolli |
| Committee member | Thomas Iserloh |
| Committee member | Xiangzhou Xu |

and time to approve !!!!!!!
and questions !!!!!

SSS DIVISIONS CHAIRS and MEMBERS saying goodbye

Panos Panagos

Heike Knicker

Guiseppe Provenzano

Cesar Plaza

Eric Brevik

Taru Sanden

Bradley Miller

Martin Tinnefelt

Marc Oliva

Anna Smetanova

Joao Pedro Nunes

Anna Maria Tarquis

Raoul Zornoza

Antonio Jordan

**Thank you for all
your hard work**

We need your feedback

Feedback on SSS division:

- See me at the EGU booth today: 15:00-15:30
- Send to me: sss@egu.eu

Feedback to EGU: www.egu2018.eu/feedback

Welcome to

EGU 2019

7-12 April 2019

www.egu2019.eu