



# Wageningen Soil Conference

— understanding soil functions: from ped to planet —

27-30 August 2019 | Wageningen, The Netherlands

[www.wageningensoilconference.eu/2019/](http://www.wageningensoilconference.eu/2019/)

## SECOND CIRCULAR

### KEYNOTE SPEAKERS

**Prof Johannes Lehmann** (Cornell University)



Soil organic matter:  
changing concepts and  
expectations

Theme 1  
AUGUST  
**27**

**Dr Edith Hammer** (Lund University)



Build your own soil:  
Micro-structured Soil  
Chips allow to  
investigate soil  
functions at  
microbial scale

Theme 2  
AUGUST  
**28**

**Dr Tom Crowther** (ETH Zürich)



Mapping microorganisms  
to understand the  
feedbacks between  
warming and soil  
carbon loss at a  
global scale

Theme 3  
AUGUST  
**29**

**Prof Victoria Ballester** (University of São Paulo)



Can we change our  
agricultural practices in  
tropical regions?  
Synergies and  
trade-offs using  
the soil functions  
approach

Theme 4  
AUGUST  
**30**

### CALL for Abstracts OPEN

Submit via the EasyChair system.  
Deadline **15 April 2019**

### 30 MASTERCLASSES

Make your choice and register.  
First come, first served!



### RISING SOIL STARS

Apply and be one of  
our **10** young  
scientists pitching their  
research in 3 minutes



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## PROGRAMME

We are delighted to invite you to join us at the fourth edition of the Wageningen Soil Conference. As in previous editions, the aim is to discuss the importance of soils. In the 2019 edition, the focus will be on "Understanding soil functions: from ped to planet". To do this we will adopt a new style of conference, with traditional conference talks in the mornings, followed by 30 scientific and interactive **masterclasses** in the afternoons. The masterclasses include a range of topics linking to the four conference themes and vary from field trips, classroom discussions and demonstrations to hands-on laboratory or computer tutorials. A detailed description is available online. Choose your preferred masterclasses when you register.

Monday 26	Tuesday 27	Wednesday 28	Thursday 29	Friday 30
Side events	<i>Theme 1: Soil functions for society (land management and policy applications)</i>	<i>Theme 2: Innovative methods for measuring soil functions (lab, field or sensor technology)</i>	<i>Theme 3: Modelling &amp; mapping of soil functions across scales (temporal, spatial and social)</i>	<i>Theme 4: Synergies and trade-offs between soil functions</i>
	Opening & Keynote	Keynote	Keynote	Keynote
	Oral presentations	Oral presentations	Oral presentations	Oral presentations
	Poster pitches	Poster pitches	Poster pitches	
	lunch	lunch	lunch	Closure lunch
	<b>Masterclasses</b>	<b>Masterclasses</b>	<b>Masterclasses</b>	
	coffee break	coffee break	coffee break	
	Fishbowl "From the Ground Up"	<b>Rising Soil Stars</b>	Meet the experts	
	networking cocktail	networking ice cream	 Conference Dinner	

SOIL HORIZONS: soil quality and soil functions workshops

Training Rising soil stars

Choose your preferred [masterclasses](#) online and register





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## Organizing Committee

**Rachel Creamer** Chair  
**Gerard Heuvelink** Vice-chair  
**Maria Jaartsveld** Secretary  
**Jantiene Baartman**  
**Francesca Bampa**  
**Mathilde Hagens**  
**Boris Jansen**  
**Gerben Mol**  
**Cathelijne Stoof**

## Scientific Committee

**Dominique Arrouays**, French National Institute for Agricultural Research, France  
**Stephan Bartke**, German Environment Agency, Germany  
**Alexandre Berndt**, Brazilian Agricultural Research Corporation, Brazil  
**Deborah Bossio**, The Nature Conservancy, United States of America  
**Rob Comans**, Wageningen University & Research, the Netherlands  
**Peter de Ruiter**, University of Amsterdam, the Netherlands  
**Joris De Vente**, Spanish National Research Council, Spain  
**Antonio Delgado**, University of Seville, Spain  
**Patrick Drohan**, The Pennsylvania State University, United States of America  
**Jacqueline Hannam**, Cranfield University, United Kingdom.  
**Katharina Helming**, Leibniz Centre for Agricultural Landscape Research, Germany  
**Reece Hill**, Landsystems, New Zealand  
**Julie Ingram**, University of Gloucestershire, United Kingdom  
**Thomas Katterer**, Swedish University of Agricultural Sciences, Sweden  
**Fernando Maestre**, Universidad Rey Juan Carlos, Spain  
**Titia Mulder**, Wageningen University & Research, the Netherlands  
**Laura Poggio**, ISRIC - World Soil Information, the Netherlands  
**Pytrik Reidsma**, Wageningen University & Research, the Netherlands  
**Jonathan Sanderman**, Woods Hole Research Center, United States of America  
**Keith Shepherd**, World Agroforestry Centre, Kenya  
**Helena Soinne**, Natural Resources Institute, Finland  
**Jannes Stolte**, Norwegian Institute of Bioeconomy Research, Norway  
**Brigitta Toth**, Centre for Agricultural Research, Hungarian Academy of Sciences, Hungary  
**Wim van der Putten**, Netherlands Institute of Ecology, the Netherlands  
**Karen Vancampenhout**, Katholieke Universiteit Leuven, Belgium  
**Jakob Wallinga**, Wageningen University & Research, the Netherlands  
**A-Xing Zhu**, University of Wisconsin-Madison, United States of America  
**Yusuf Yigini**, Food and Agricultural Organization, Italy

## FISHBOWL conversation:

### From the ground Up

17-18.30  
AUGUST  
29

To understand the role of soils in delivering soil functions, we need to think much wider than soil science. A chair will be waiting for you. Join in the discussion moderated by Prof Rogier P.O. Schulte.



## Meet the experts

Learn from our Scientific Committee, their career paths, do's and don'ts. Meet them and get inspired!

17-18.30  
AUGUST  
27



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## REGISTRATION

Early Bird by  
**30 May 2019**

## CONFERENCE FEE\*

Early bird 400€  
Early bird PhD/  
MSc student 200€  
Regular 450€  
Regular PhD/MSc  
student 250€  
One day 200€  
One day PhD/MSc  
student 100€

## VENUE

Wageningen  
University campus  
Bronland 1  
Building 103  
6708 WH Wageningen  
The Netherlands

## CONFERENCE DINNER\*

De Blaauwe Kamer,  
along the river  
Rhine, about 5 km  
from the conference  
venue. We provide  
a bicycle or bus  
service for you.

\*Fee excludes  
optional Conference  
Dinner

## CALL FOR ABSTRACTS

You are kindly invited to submit abstracts for oral and poster presentations on all themes and topics of the Wageningen Soil Conference 2019. The abstract submission closes on 15 April 2019. We will inform you on acceptance of your abstract by 10 May 2019.

- All abstracts must be written in English and may not exceed 250 words
- Individuals can submit multiple abstracts but cannot have more than one oral presentation
- Abstracts must be submitted through the EasyChair conference management system at <https://easychair.org/conferences/?conf=wsc2019>

**SUBMIT BY:**  
**APRIL**  
**15**

## RISING SOIL STARS: Science communication competition

Are you a young researcher (MSc/PhD student)? And are you ready to explain your research to a broad audience in just **3 minutes**? **10 young researchers** will have the opportunity to pitch their work to conference participants

- Your pitch will be assessed by a jury and the winner awaits a nice prize. Do not miss this opportunity!
- Selected candidates will follow a training session in the afternoon of Monday 26 August 2019
- Sponsored by the [European Association of Geochemistry](#)
- More info at [www.wageningensoilconference.eu/2019/rising-soil-stars/](http://www.wageningensoilconference.eu/2019/rising-soil-stars/)

**TEN STARS**  
**AUGUST**  
**28**

## CONTACT

- Website [www.wageningensoilconference.eu/2019/](http://www.wageningensoilconference.eu/2019/)
- Information about the programme [wageningensoilconference@wur.nl](mailto:wageningensoilconference@wur.nl)
- Conference registration [www.wageningensoilconference.eu/2019/registration/](http://www.wageningensoilconference.eu/2019/registration/)
- Twitter [@WageningenSoil](#) please use hashtag #WSC2019



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