

nd

!
!

Congress Programme

KEY INFORMATION

□ □ □

OVERVIEW

Plenary sessions

nd

!

Interdivisional Sessions

	D			
Interdivisional 1: Spatial decision making and mapping for implementing polices for sustainable soil management	01/08/22	11:00 – 13:00	Lomond Auditorium	Poster Session 1
Interdivisional 2 – Soil carbon: from particle to planet	01/08/22	11:00 – 13:00	Clyde Auditorium	Poster Session 1
Interdivisional 1: Spatial decision making and mapping for implementing polices for sustainable soil management	01/08/22	15:00 – 17:00	Lomond Auditorium	Poster Session 1
Interdivisional 2 – Soil carbon: from particle to planet	01/08/22	15:00 – 17:00	Clyde Auditorium	Poster Session 1
Interdivisional 3 – Interdisciplinary soil science for impact	01/08/22	15:00 – 17:00	M1	Poster Session 1
Interdivisional 3 – Interdisciplinary soil science for impact	01/08/22	17:30-19:30	M1	Poster Session 1
Interdivisional 4: Plant soil interactions and their roles in soil formation and sustainable crop production	02/08/22	09:00-11:00	M1	Poster Session 1
Interdivisional 9: Novel methods and techniques	02/08/22	09:00-11:00	Lomond Auditorium	Poster Session 1
Interdivisional 4: Plant soil interactions and their roles in soil formation and sustainable crop production	02/08/22	13:00 – 15:00	M1	Poster Session 1
Interdivisional 9: Novel methods and techniques	02/08/22	13:00 – 15:00	Lomond Auditorium	Poster Session 1
Interdivisional 6: Dynamics of soil erosion and land loss under present and future environments	02/08/22	15:30 – 17:30	Lomond Auditorium	Poster Session 1
Interdivisional 7: Soil securing humanity Humanity securing soil	03/08/22			

!

nd

!

!

nd

!

15 Divisions 1 and 2 Commission 1.1,
Commission 2.1– Soil structure -
Observation, resilience and its role in

!

nd

!

40 WG3.2: Carbon and nutrient cycles under intensifying climate change and land management 02/08/22 15:30 – 17:30

11-11-2011

!

nd

!

10:00 -
14:45

!

nd

!

nd

!

13:45 14:30	F D C : A C (F), F , E C H A H , C ,	A
----------------	---	---

nd

!

6. Dr Martin Wiesmeier: Soil carbon credits for climate mitigation: opportunities and challenges
7. Prof. Martin Gerzabek: Soil organic carbon and fine particle stocks change along a volcanic chrono- and elevation-sequence on the Galápagos archipelago
8. Noella Garcia Franco:

!

nd

!

17:30	3	
19:30		
-	3	1
C	H	

1. Keynote Speaker: Dr. Dan Richter: Towards a Science of City-Soil Pedogenesis
2. Dr Samantha Grover: Finding common ground; developing a shared understanding of tropical peat swamp forest fires and restoration across disciplines and cultures
- 3.

!

nd

!

20;00
21:30

!

nd

!

!

nd

!

!

11:00 13:00	, E &	H 4
11:00 13:00	A :	C 2

13:00
15:00

1. Dr Mark Stolt: Fundamental Changes in Soil Taxonomy
2. Dr Atsushi Nakao: K-Ar dating and oxygen isotopic analysis for tracing Asian dust inclusion in aeolian depositions during the last glacier period
3. Dr Thomas Raab: Relict Charcoal Hearth (RCH) soils – properties and classification
4. Mr Marco Pfeiffer: Paleoenvironmental signification of Late Pleistocene Palustrine calcretes in the Maipo basin, Central Chile
- 5.

nd

!

15:30 17:30	3		
A	6: D C	: C :	A

1. Dr Olivier Cerdan: "Off-site economic costs induced by soil erosion in the northwestern European loess belt for the last two decades (Normandy, France)"
2. Ms Corinna Gall: On the effect of pioneer biocrust communities on soil erosion after disturbances in a European temperate forest ecosystem
3. Mr Francis Matthews: A crop phenology-based approach to quantify th

nd

!

5. Dr Juliana Silva Rodrigues Cabral: An antique association between fungi and plants that can save the future of agricultural production in the face climate change
6. Dr Rodica Pena

!

nd

!

20:00
21:30

B
C

:
closed meeting

nd

!

3. Mr Olivier Heller: The potential of innovative soil management practices to address soil challenges across Europe - Outcomes of the i-SomPE Project
4. Dr Michael Löbmann: Soil Mission Support: Participatory identification of research & innovation gaps for a sustainable soil and land use practice
5. Ms Nur Azima Busman: Long-

!

nd

!

10:30 12:30	2		
7: : C	:	A H B	A

1. Prof Alex McBratney: Developing and implementing a diagnostic soil security assessment framework for Australia and beyond
2. Dr Laura Poggio: Global modelling of soil functions to support soil security
3. Mr Jonah Prout: soil organic carbon to clay ratio: effective for monitoring management activities to achieve improved carbon status and condition of soils.
4. Dr Mercedes Roman Dobarco: Digital pedogenon mapping for assessing changes in soil condition from local to continental scale
5. Professor Ronald Amundson: The global agricultural domestication of soil over time
6. Dr Eric Brevik: Securing soil to secure human health

!

nd

!

!

nd

!

!

nd

11/11/2019

!

nd

!

31 G1.5: ,
- :
C :

!

nd

!

Day 5 Programme
Thursday 4 August 2022



08:00	E					D	-		C		A
09:00	D										
	D										
	C	A	- F	C	,			,			
		A									

11/11/2024

!

nd

!

nd

!

	<ol style="list-style-type: none"> 3. Ms Minna Mäkelä: Microbial N₂O production in a peaty acid sulphate soil derived from black schists 4. Dr Miriam Nystrand: Long term effects of groundwater management and subsurface irrigation on the water quality from boreal acid sulfate soil farmland 5. Dr Peter Österholm: Effects of subsoil injection of ultrafine-grained limestone, peat and urine on geochemistry and crop/root growth in an acid sulfate soil 6. Mr Jouni Pihlaja: Mapping of acid sulfate soils in Finland 7. Dr Heidi Salo: Modelling geochemical processes and transport in acid sulfate soils under steady state inflow and variable drainage depths 8. Dr Asko Simojoki: Response of nitrous oxide and carbon dioxide production to liming in different horizons of boreal acid sulfate soil
--	--

11:30 13:00	, E &	H 4
11:30 13:00	C – Invited IUSS participants only	B 1
12:00 12:45	A H B G H H : C , .D.!	

13:00 15:00	2	
	10: : C : A ,	

!

nd
!

5. Raúl Castejón-del Pino: Radish growth and N₂O emissions using a N-enriched biochar-based fertilizer