

Young Soil Scientists Day

March 15, 2024 - Royal Academy of Sciences

Registration and poster sessions take place in the Atrium, Throne Building

Welcome and oral sessions take place in the Rubens auditorium, ground floor of the Palace

Program morning session

8.30 onwards	Doors open	
8.40-9.00	Registration & poster set-up	
9.00-9.10	Welcome Prof. Jeroen Meersmans (ULiège) – President of SSSB	
9.10-10.30	Oral presentations	
	9.10 – 9.30	Lotte Baert (UGent) – <i>The influence of long-term compost application on soil nitrous oxide emissions</i>
	9.30 – 9.50	Outéndé Toundou (UGent) – <i>Enhancing soil resilience to climate change and sweet potato (<i>Solanum tuberosum</i>) crop production using the HYDRUS-2D model and compost</i>
	9:50 – 10.10	Sibylle Comeliau (ULiège) – <i>What solutions to reduce trace elements uptake by vegetables in market gardens? Lessons from a three-year pot experiment</i>
	10:10 – 10.30	Jie Xue (UCLouvain) – <i>Mapping soil organic carbon in croplands all over China using continuous multitemporal Sentinel-2 remote sensing</i>
10.30-11.30	Coffee Break + Posters (incl. poster tour start@10.40)	
11.30-12.30	Workshop Ramos Pamplona Marilou (ULiège) - <i>Networking for young researchers: The Whys and the Hows</i>	
12.30-13.30	Lunch Break + Posters (incl. poster tour start@12.40)	

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Program afternoon session

13.30-14.50	Oral presentations	
	13:30 – 13.50	Yue Zhou (UCLouvain) – <i>A framework for mapping conservation agricultural fields using time-series optical and radar imagery</i>
	13:50 – 14.10	Zixuan Han (ULiège) – <i>Conservation tillage and residue incorporation enhance the sequestration and iron-mediated stabilization of aggregate-associated organic carbon in Mollisols</i>
	14.10 – 14.30	Rémy Willemet (ILVO) – <i>How can organic mulch affect crop emergence and development?</i>
	14.30 – 14.50	Timothée Clement (UCLouvain) - <i>Effectiveness of conservation tillage at mitigating runoff and soil erosion under Western European conditions: a meta-analysis</i>
14.50-15.50	Coffee Break + Posters (incl. poster tour start@15.00)	
15.50-17.10	Oral presentations	
	15.50 – 16.10	Victor Van de Velde (UGent) – <i>Resilience of gross soil phosphorus fluxes after slash-and-burn on highly weathered Ferralsols</i>
	16.10 – 16.30	Junwei Hu (UGent) – <i>Does root phenotypic plasticity mediate the effects of bacterivorous and herbivorous nematodes on rhizosphere bacterial communities?</i>
	16.30 – 16.50	Xin Li (ULiège) – <i>Cooperative-dominated organic agriculture improves soil health</i>
	16.50 – 17.10	Alex James (KULeuven) – <i>Modelling floodplain peatland development during the Holocene</i>
17.10-18.00	Closing – announcing DYSS award winners 2024 – Drink	