



The 23rd World Congress of Soil Science

Programme

JUNE 7–12, 2026 Nanjing · China



Poster Session

293	36020	Soil-Based Assessment of Lead Release and Contamination Risks Associated with Lead-Saturated Biochars	Chong Li University of Alberta
294	31952	Root exudate-mediated bacterial networks enhance particulate and mineral-associated carbon sequestration in grass-covered citrus orchards	Ludan Chen Institute of Mountain Hazards and Environment, Chinese Academy of Sciences
295	32625	Effects of Full Maize Straw returning on Soil Physical Properties and Maize Yield	Han-yu SU Shenyang Agricultural University
296	33546	Bio-organic fertilizer improves soil carbon sequestration and structure in intensive greenhouse cultivation	Yufeng Liu Institute of Bio- and Geosciences (IBG), Forschungszentrum Jülich
297	35681	Afforestation improves soil multifunctionality through microbial activity and SOC molecular diversification	Yue Li South China Botanical Garden, the Chinese Academy of Sciences
298	32739	Effects of Different Agricultural Management Practices on Nitrous Oxide Emissions from Cropland	wangchuanzong Sichuan Agricultural University
299	319B10	A Novel Rainfall-Based Model for Forecasting Soil Moisture Content	Daniel Gu Hamilton High School
300	31813	Black Soldier Fly Gut Microbiota as a Green Alternative to Chemical Fungicides	任雨冬 Shanghai Jiao Tong University
301	32890	Transformation of Soil Organic Matter in Agricultural Soils in Subarctic Climatic Conditions	Timur Nizamutdinov St. Petersburg State University
302	34280	Characteristics of soil phosphorus profile distribution in degraded black soil areas and effects of tillage patterns on root zone phosphorus supply barriers	张桦杰 China Agricultural University
303	34022	Divergent ecohydrological adaptation mechanisms of restored vegetation driven by micro-topography: Structural decoupling, hydro-thermal trade-offs, and competitive depletion	Fengwei Tuo Chang'an University
304	33626	Incorporating Lime into Acidic Soil Improved Root Growth and Rhizosphere Microorganisms in Wheat	Bingchen Li The University of Western Australia