



RIO18
21st World Congress
of Soil Science

21 WORLD CONGRESS OF SOIL SCIENCE
Sunday 12 – Friday 17 August 2018
Rio de Janeiro, Brazil

Rio de Janeiro August | 12 - 17

POSTER SESSION – DIVISION 3

Thursday (Aug, 16)		TOTEN 46	
WG12 WG13 WG14		Paddy Soils: Mitigating GHG emission and enhancing productivity in rice-based systems SUITMA: Soils of Urban, Industrial, Traffic, Mining and Military Areas Acid Sulfate soils: Acid sulfate soils: processes, assessment and management	
Schedule	ID	Title	Presenter
13:30 – 13:40	1451	Effects of cover crops on soil organic matter fractions under no-tillage systems in the Cerrado	Arminda Moreira de Carvalho
13:40 – 13:50	1795	Four-year impact of the adoption of different integrated crop-livestock systems on the chemical attributes of a lowland soil	Luiz Gustavo de Oliveira Denardin
13:50 – 14:00	1238	The impact of nitrogen fertilizer management on nitrous oxide and ammonia emission in an irrigated rice crop system in the Brazilian Savannah	Beata Eموke Madari
14:00 – 14:10	482	Cropping systems and conservation tillage impacts on soil health and functionality in a rice ecosystem	Mohammad Mofizur Rahman Jahangir
14:10 – 14:20	1126	Determination of the potential acidity of a drained peat bog in the Catalan Pyrenees.	A. Catalán
14:20 – 14:30	1851	Quantification of metals and acidity leached from coarse-grained acid sulfate soil materials in western Finland	Stefan Mattbäck
14:30 – 14:40	1341	Sulfur gas analysis as a potential identification method for acid sulfate soils	Moa Sunabacka
14:40 – 14:50	1350	Temperature sensitivity of microbial greenhouse gas production in a boreal organic acid sulphate soil with a black schist derived subsoil	Asko Simojoki
14:50 – 15:00	522	Study on Soil Quality Changes of In-Situ Leaching Rare Earth Tailings Before and After Reclamation in south, China	Qin Zhang
15:00 – 15:10	1552	The 20th years IUSS WG Urban Soils/Soils of Urban, Industrial, Traffic, Mining and Military Areas (US/SUITMA) anniversary: from its foundation to today	Wolfgang Burghardt



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