



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 2

Thursday (Aug, 16)		TOTEN 18	
C2.5.1		Soil interfacial reactions and their control of biogeochemical cycles	
Schedule	ID	Title	Presenter
13:30 – 13:40	769	Differences in surface elemental composition between intact and homogenized soil microaggregates reflect the specific location of elements	Susanne K. Woche
13:40 – 13:50	735	Diurnal variation in soil heterotrophic and total carbon dioxide emission	Jesus Rosario Mancilla Huashuayo
13:50 – 14:00	2008	Dynamics of greenhouse gas emissions during anaerobic soil disinfestation in vegetable soils	Kun Zhu
14:00 – 14:10	1575	Effect of long-term organic matter manipulation on soil biological activity in a temperate oak forest	Zsolt Kotroczó
14:10 – 14:20	407	Effect of soybeans inoculation and nitrogen fertilization on soil nitrogen content in a sandy soil	Carlos Felipe dos Santos Cordeiro
14:20 – 14:30	669	Effects of long-term fertilization on the pathways in N supply	Qiang Ma
14:30 – 14:40	261	Effects of rice cultivars on CH ₄ emissions and their possible interaction with soil C availability	Weijian Zhang
14:40 – 14:50	1091	Formation and genesis of natural nanoparticles (NNPs) in flooding Pb-Zn mine tailing soil	Kengbo Ding
14:50 – 15:00	3093	Geomorphological control of carbon and nitrogen dynamics in agricultural areas in the Brazilian Central Plateau	Mateus de Alencar Ramos Fernandes
15:00 – 15:10	2995	How soil carbon and nutrient availability in an integrated crop-livestock-forest system are related?	Janaína de Moura Oliveira



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