



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 20	
C2.5.1		Soil interfacial reactions and their control of biogeochemical cycles	
Schedule	ID	Title	Presenter
13:30 – 13:40	876	Response of stoichiometry Characteristics and microbial community to agricultural land use change around Taihu Lake Area in Southeast China	Yan Gao
13:40 – 13:50	586	Role of bacterial biomass in the development of soil water repellency	Marc-Oliver Goebel
13:50 – 14:00	2086	Soil organic matter decomposition under anaerobic-abiotic conditions	Carolina Merino
14:00 – 14:10	238	Soil redox processes coupled dechlorination of pentachlorophenol in flooded condition	Yan He
14:10 – 14:20	190	Sorption kinetics, isotherm and mechanisms of PFOS on soils with different physicochemical properties	Xin Song
14:20 – 14:30	1491	The effect of humic substances on the trace elements toxicity	L.V. Perelomov
14:30 – 14:40	2240	Volatilization of N-fertilizer on sandy soil cultivated with sugarcane	Robson Hortêncio de Lima
14:40 – 14:50	2239	Weathering rates in soils originated from I- and S-type granites across a climosequence of Brazil	Rayanna Jacques Agra Bezerra da Silva
14:50 – 15:00	864	Modelling the potential mobility of heavy metals in red soil in Southern China	Mingxia Wang
15:00 – 15:10	2213	Removal of HCH from aqueous solutions and soils using plants and manure derived-biochars	Diego Aran



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