



**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

Monday (Aug, 13)		TOTEN 21	
<b>C2.1.2</b> <b>C2.2.1</b>		The role of soil physics in water conservation and food security Soil organic matter dynamics from molecules to landscapes	
Schedule	ID	Title	Presenter
13:30 – 13:40	824	Spatiotemporal Heterogeneity of Soil Water Content at Different Size of Gaps of Pinus koraiensis-Dominated Broadleaved Mixed Forest	wenbiao duan
13:40 – 13:50	2266	The influence of thin soil fractions in the attenuation of groundwater contamination	Francisco Afonso Cavalcanti-Junior
13:50 – 14:00	2049	Validation of a hydrological model to simulate water transport in a volcanic ash soil of southern Chile	Tihare Hermosilla
14:00 – 14:10	360	Variability of soil hydraulic properties and its impact on predictions of an agro-hydrological model	Thalita Campos Oliveira
14:10 – 14:20	794	Water retention properties of stony soils.	Balin Robertson
14:20 – 14:30	1522	PHYSICO-EMPIRICAL APPROACH TO PREDICT SOIL WATER RETENTION	Rodrigo Pivoto Mulazzani
14:30 – 14:40	3236	The role of cover crop in improving rainwater and nutrient use efficiency for a no-tilled dryland corn and soybean rotation system	Gary Feng
14:40 – 14:50	2981	Geophysical investigation of soil moisture content for agricultural purposes	Ruan Ainslie
14:50 – 15:00	2631	Atributos de solos sob manguezais do Delta de Parnaíba, Piauí, Brasil, por análise multivariada	Gustavo Souza Valladares
15:00 – 15:10	2160	Space variability of carbon stock and organic carbon of soil with cupuaçu cultivation in south of Amazonas, Brazil	Ludmilla Colares Rodrigues



International Union of Soil Sciences



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