



**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 17	
C2.1.1		Soil structure dynamics	
Schedule	ID	Title	Presenter
13:30 – 13:40	2972	Spatial distribution of attributes of Red Oxisols by geostatistics in Geographic Information Systems.	Ronaldo Luiz Mincato
13:40 – 13:50	2055	Spatial variability of hydraulic properties in two contrasting soils under maize monoculture	Oscar Seguel
13:50 – 14:00	2177	SPATIAL VARIABILITY OF STABILITY OF SOIL AGGREGATES IN ARCHAEOLOGICAL BLACK LAND AREA (TPA) WITH COFFEE CULTIVATION IN SOUTH OF AMAZONAS	Francisca Xavier Quintino Neta
14:00 – 14:10	2649	Specific surface area for the development of pedotransfer functions and their use in the estimation of water retention and availability in soils of the State of Santa Catarina.	Juliano Silva Teles
14:10 – 14:20	1323	Susceptibility to erosion of soils in the Planalto Serrano Catarinense under forest cultivation.	Leonardo de Assis Lopes
14:20 – 14:30	3098	Tensiometer with reading systems in the estimation of soil hydraulic parameters	Francisco Ítalo Fernandes de Oliveira
14:30 – 14:40	2729	The change of kaolinite's physical properties after cultivation of Bacillus sp. The change of kaolinite's physical properties after cultivation of Bacillus sp.	Bykova Galina
14:40 – 14:50	3094	The role of biopores to reduce the mechanical impedance to soybean root elongation	Nayara Caroline Majewski Ulbrich
14:50 – 15:00	2061	Ultrasonic energy in the stability of the aggregates of oxidic Oxisols with intensive cultivation and irrigation	Marcel Thomas Job Pereira
15:00 – 15:10	2999	Use of pedotransfer function to predict field capacity of soils of Pernambuco State, Brazil	Estevão Lucas Ramos Da Silva



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