



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 1

Monday (Aug, 13)		TOTEN 7	
C1.2.2		Remote sensing applied to soil science	
Schedule	ID	Title	Presenter
13:30 – 13:40	254	Spatial relationship between soybean crop and soil properties in a Colombian oxisol	Sergio Tovar-Hernandez
13:40 – 13:50	2882	Spatio-temporal Land Use Dynamics and Soil Organic Carbon in Swiss Agroecosystems	Felix Stumpf
13:50 – 14:00	296	Spectral attributes selection based on data mining for bare soil detection in remote sensing images	Marilusa Pinto Coelho Lacerda
14:00 – 14:10	617	Strategies on Pedological Mapping: from traditional to digital	Fellipe Alcantara de Oliveira Mello
14:10 – 14:20	858	Surface soil moisture: point measurements, tower and satellite - voyage through the scales	Mateusz Lukowski
14:20 – 14:30	2784	Temporal and spatial expression of water deficit evaluated through SPI and SPEI indices in mediterranean central Chile	Elizabeth Ramírez
14:30 – 14:40	713	The use of the spiking methodology for the improvement of global prediction models for total aluminium, iron and silica content in soils from Paraná State	Marcos Rafael Nanni
14:40 – 14:50	2287	Unmanned Aerial System (UAS) as a tool to quantify conventional and conservation tillage crop treatment effects	Murilo Maeda
14:50 – 15:00	429	Use of Lidar derived Digital Elevation Maps and Principal Component Regression to Scale up Topographic Models of Soil Properties	Greg McCarty
15:00 – 15:10	1236	Using multi-temporal polarimetric Sentinel-1 data to monitor soil moisture over winter crops	Miguel Eduardo Zabala Rodriguez



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