



**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 6	
C1.2.2		Remote sensing applied to soil science	
Schedule	ID	Title	Presenter
13:30 – 13:40	2528	How to address the lack of soil mapping in the semiarid Chaco, a case in Santiago del Estero, Argentina	Cristina Angueira
13:40 – 13:50	203	Integrating multitemporal satellite image and laboratory surface spectral data for mapping soil classes using multiple endmember spectral mixture analysis	Raúl Roberto Poppiel
13:50 – 14:00	2172	Land use and occupation of the urban sub-basins of Ilhéus, State of Bahia, Brazil	Samuel de Amaral Macedo
14:00 – 14:10	1594	Local-scale soil organic carbon prediction in Southern Brazil	Diego José Gris
14:10 – 14:20	2606	Multi-temporal relationship between soil moisture in the root zone in Coffea arabica (L.) and the plant vigor obtained by images of UAV	Diego Armando Amaro da Silva
14:20 – 14:30	987	Open soil surface dynamics as a factor for efficient soil mapping based on remote sensing data	Prudnikova E.Yu.
14:30 – 14:40	1936	Predicting soil organic carbon content in farmland using Fourier transform decomposed variables	Lin Yang
14:40 – 14:50	1066	Quantifying forfeited wheat yield due to soil sodicity in high, moderate and low rainfall conditions in the northern grains region of Australia	Yunru Lai
14:50 – 15:00	637	Soil Conditioners in Land Use and Land Cover in the Lagoa Formosa county, Minas Gerais, Brazil	Ligia Faria Tavares de Souza
15:00 – 15:10	1609	Soil use in the hydrografic basin of Ribeirão Jataizinho, PR and implications for erosion processes.	Rosana Kostecki de Lima



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