



**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

Tuesday (Aug, 14)		TOTEN 6	
C1.5.1		Global soil carbon modeling	
Schedule	ID	Title	Presenter
13:30 – 13:40	558	Prediction and mapping of soil carbon using Vis-NIR spectroscopy and magnetic susceptibility	Angélica Santos Rabelo de Souza Bahia
13:40 – 13:50	1444	Scaling impacts on soil organic carbon stocks and its environmental controllers	Kabindra Adhikari
13:50 – 14:00	2200	Spatial variability of Carbon dioxide emission and Carbon stock in silvopastoral system	Deise Cristina Santos Nogueira
14:00 – 14:10	2298	Spatial variability of soil carbon pools in the andean grassland (páramo ecosytem)	Alvarez P.
14:10 – 14:20	2346	Spatial variability of soil CO2 emission by Sequential Gaussian Simulation in the Cerrado of Mato Grosso do Sul, Brazil	Ludhanna Marinho Veras
14:20 – 14:30	2621	Spatial variability of soil organic carbon from different management systems in the Cerrado - Sete Lagoas, MG	Matheus Paula Fialho de Carvalho
14:30 – 14:40	2398	Spatial variability of soil organic carbon in anthropized areas of the Cerrado in Sete Lagoas, MG	Paulo Antonio Coura
14:40 – 14:50	392	Spectral range (FRX-VIS-NIR-SWIR-MIR) interaction on the organic matter prediction	Diego Fernando Urbina Salazar
14:50 – 15:00	2573	Total soil organic carbon in integrated systems in the Brazilian Amazon	Marilia Locatelli
15:00 – 15:10	2280	Unraveling the fate of organic carbon in plinthic horizons upon flooding	Benini, Natalia Silva



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