



**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 24	
<b>C2.2.1</b>		Soil organic matter dynamics from molecules to landscapes	
Schedule	ID	Title	Presenter
13:30 – 13:40	1843	Factors controlling organic carbon storage in tropical soils	Kenta Ashida
13:40 – 13:50	856	Fire influences on litter decomposition: C chemistry and N transformations in thermally altered <i>Pinus radiata</i> needles.	Erinne Stirling
13:50 – 14:00	2444	Glomalin Related Soil Protein from the Itataia phosphate-uranium deposit in the Brazilian semiarid	Maria Eugenia Ortiz Escobar
14:00 – 14:10	2582	How soil C:N ratios vary with depth, particle size and soil fertility in Brazilian forest soils	Marla Alessandra Araujo
14:10 – 14:20	236	Humic substances and total organic carbon of an Inceptisol after 21 years under different soil tillage	Luiz Paulo Rauber
14:20 – 14:30	2208	Influence of eucalypt residue (root and shoot) and N (internal and external) to C and N incorporation in soil organic matter fractions	Emanuelle Mercês Barros Soares
14:30 – 14:40	1509	Influence of magnesium silicate on the persistence of the straw of <i>Brachiaria brizantha</i> cv. Piatã in no-tillage	Izabela Richena Barbosa
14:40 – 14:50	2391	Influence of the organic matter on the availability of heavy metals in the soil in vegetable gardens of the Metropolitan area of Belém/Pa.	Nayara Kelly Feitosa Ferreira
14:50 – 15:00	2098	LEACHING OF CATIONS AND EUCALYPTUS GROWTH UNDER COMPLEMENTARY FERTILIZATION WITH K <sup>+</sup> AND Na <sup>+</sup>	ANÁLIO, Caroline M.
15:00 – 15:10	396	Long Term Dynamics of Soil Organic Carbon Pools in Oil Palm Plantations following Land Use Change: Insights from Physical Fractionation and natural <sup>13</sup> C abundance	Juan Carlos Quezada Rivera



International Union of Soil Sciences



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