



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 22	
C2.2.1		Soil organic matter dynamics from molecules to landscapes	
Schedule	ID	Title	Presenter
13:30 – 13:40	1882	Adsorption kinetics of dissolve organic matter at the water-air interface	Gilboa Arye
13:40 – 13:50	3141	Determination of Oil in Contaminated Soil by Low-Field Nuclear Magnetic Resonance (NMR)	Catarina Mendes Rebello
13:50 – 14:00	1635	Study by attenuated total reflectance spectroscopy of structural changes of humified organic matter by chemical perturbations via alkaline dissolution and peroxidation	Diego Restrepo
14:00 – 14:10	1186	An advanced wet oxidation methods of soil organic carbon determination	sanjib kar
14:10 – 14:20	272	Benefits of biochar application to tropical soils: greenhouse gas emissions, soil improvement and crop yield	Carlos Eduardo P Cerri
14:20 – 14:30	1330	Carbon stock losses and decomposition in riparian and well-drained areas under lowland rainforest transformation systems on Sumatra, Indonesia	Nina Hennings
14:30 – 14:40	1958	Carbon storage along a climosequence of soils developed from contrasting granites in northeast Brazil	Marina Monteiro Feitosa
14:40 – 14:50	1494	Characteristics of Biochar produced from water hyacinth in different pyrolysis temperatures	Luana Bottezini
14:50 – 15:00	2641	Characterization and bioactivity of humic acids from different origins in rice plants.	Tadeu Augusto van Tol de Castro
15:00 – 15:10	3047	Charcoal contribution to umbric epipedons of Ferralsols in Brazilian cerrado biome	Marina Justi



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