



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

DIVISIONAL SIMPOSIUM – DIVISION 2

Friday (Aug, 17)		Room "Asia I, II e III"	
C2.2.1		Soil organic matter dynamics from molecules to landscapes	
		Convener: Dr. Boris Jansen, Institute for Biodiversity and Ecosystem Dynamics, Amsterdam, The Netherlands.	
		Co-Convener Dr. Karen Vancampenhout, Cluster for Bioscience Engineering Technology, Geel, Belgium.	
Schedule	ID	Title	Presenter
13:30 – 13:40	--	Opening	Conveners
13:40 – 13:55	1006	The effect of land use change on particulate- and mineral-associated carbon in different soil types	Balwant Singh
13:55 – 14:10	2700	High organic inputs explain SOC storage in a long-term agroforestry system: experimental and modeling approach	Claire Chenu
14:10 – 14:25	1994	Global carbon sequestration in peat-moss ecosystems under a changing climate	Geoffrey Abbott
14:25 – 14:40	854	Changes in organic matter dynamics in agricultural landscape in relation to soil degradation: from landscape to local level and vice versa	Bonivoj Sarapatka
14:40 – 14:55	1782	Biogeochemical Fate and Stability of Iron Oxide-Organic Carbon Complexes	Dinesh Adhikari
14:55 – 15:10	200	Increasing amount of soil organic matter in forest soils of North Germany is stabilized by occlusion within soil aggregates	Erik Grüneberg
15:10 – 15:25	1686	Carbon sink strength of subsoil horizons of Brazilian Oxisols	Ivan Souza
15:25 – 15:40	2574	Coastal wetland soil organic matter chemistry of Mississippi River deltaic plains: degradation status and control factors	Jim Wang
15:40 – 15:55	438	Probing the Effect of Calcium on Organic Carbon Sequestration to Ferrihydrite	Tyler Sowers
15:55 – 16:10	--	Closing	Conveners



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