



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 SYMPOSIUM – DIVISION 1

Friday (Aug, 17)		Room "Oceania VI e VI"	
C1.3.1		Soil-forming processes and their transformation under human impact	
		Convener: Nikolay B. Khitrov; Dokuchaev Soil Science Institute, Moscow, Russia	
		Co-Convener: Markus Anda; Center for Agricultural Land Resources Research and Development, Indonesia	
Schedule	ID	Title	Presenter
13:30 – 13:40	--	Opening	Conveners
13:40 – 13:55	2791	Are Plinthosols properties and evolution influenced by prolonged flooding?	Alfredo B. De-Campos
13:55 – 14:10	457	Biogeochemical cycling of silicon and its roles on soil genesis and evolution in a typical subtropical ecosystem	Jin-Ling Yang
14:10 – 14:25	568	Changes of soil aggregate stability on soil formation process at glacial till	Mihkel Are
14:25 – 14:40	859	Evolution of soil redistribution rates in alpine soils of the Central Rocky Mountains using fallout radionuclides (²³⁹⁺²⁴⁰ Pu) and stable isotopes (δ ¹³ C)	Raquel de Castro Portes
14:40 – 14:55	2034	Mount Cameroon (Central Africa): a unique observatory for assessing the influence of time, precipitation and temperature on pedogenic processes in volcanic parent material	Daniela Sauer
14:55 – 15:10	699	Spatial and temporal variability of soils formed on varved clays (Northwest Russia)	Nataliia N. Matinian
15:10 – 15:25	503	Variants of genesis of soil cover pattern with gilgai topography in Russia	Nikolay Khitrov
15:25 – 15:40	--	Closing	Conveners



Brazilian Soil Science Society



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