



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 1

Monday (Aug, 13)		Room "Aruba II"	
C1.3.2 WG01		Soil pedogenesis and diversity in extreme environments	
		WG01 - Cryosols: Progress in understanding the dynamic soils of colder regions	
		Convener: Sergey V. Goryachkin, Russian Academy of Sciences, Russia Megan Balks, Soil and Environmental Sciences. University of Waikato, Hamilton, New Zealand	
		Co-Convener: Carlos Schaefer, Soils Department, UFV, Viçosa, MG, Brazil Dimitry Konyushkov, Dokuchaev Soil Science Institute, Moscow, Russia	
Schedule	ID	Title	Presenter
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	1149	Deserts - Pedogenesis and Life in Areas with Little Water	Farhad Khormali
15:55 – 16:10	470	Characterization and classification of soils in a topossequence under sandstone in Manicoré, South Amazon	Elilson Gomes de Brito Filho
16:10 – 16:25	933	Differential soil genesis and geochemical composition in a serpentinite outcrop under tropical humid climate in Minas Gerais, Brazil	Emerson Ferreira Vilela
16:25 – 16:40	721	Extreme soils of humid high mountains, caused by different factors	Marek Drewnik
16:40 – 16:55	1453	Human-induced soils of european Russia in extremely rich and extremely uncomfortable conditions	Andrey Dolgikh
16:55 – 17:10	1244	Patches of life in the Atacama Desert - heterogeneity analyses of soil organic carbon	Mörchen, R.
17:10 – 17:25	1473	Pedogenesis in extreme environments: implications for understanding soil covers of the present and the past	Nikita Mergelov
17:25 – 17:40		Close C1.3.2 / Opening WG01	Conveners
17:40 – 17:55	507	Emission of greenhouse gases from natural and human-affected cold soils of Eurasia: controls of spatial variability	Dmitry Karelin
17:55 – 18:10	431	Sulfur and phosphorus speciation in soils on James Ross Island, Antarctic Peninsula, as assessed by XANES spectroscopy	Prietzl Jörg
18:10 - 18:15	--	Closing	Conveners



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