



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 "Oceania VI e VII"	
WG02		Digital soil mapping: Progress in digital soil mapping	
		Convener: Luboš Borůvka; Food and Natural Resources Czech University of Life Sciences Prague Kamycka, Czech Republic	
		Co-Convener: Alessandro Samuel-Rosa; Universidade Tecnológica Federal do Paraná, Brazil / Helena Pinheiro; Universidade Federal Rural do Rio de Janeiro, RJ, Brazil	
Schedule	ID	Title	Presenter
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	316	Assessment of digital soil class mapping at high resolution in mountainous areas	Waldir de Carvalho Junior
15:55 – 16:10	1818	Consistency of soil legacy data from different sources in regional and national scale	Lubos Boruvka
16:10 – 16:25	1762	Exploring co-spatial patterns between soil biodiversity and pedodiversity across New South Wales	Vanessa Pino
16:25 – 16:40	2083	High resolution digital soil mapping on a complex landscape in the Sandspruit catchment, Western Cape, South Africa	Treva Flynn
16:40 – 16:55	2666	The modifiable areal unit benefit - choosing the optimum analysis scale for digital soil mapping	Bradley Miller
16:55 – 17:10	1623	Mapping soil organic carbon stocks at a field-scale by using 3D regression-kriging	Asim Biswas
17:10 – 17:25	529	Identifying the spatial drivers and scale-specific variations of soil carbon in a montane natural forest ecosystem in Sri Lanka	Senani Bandara Karunaratne
17:25 – 17:40	--	Closing	Conveners



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