



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 1

Thursday (Aug, 16)		TOTEN 5	
WG02		Digital soil mapping: Progress in digital soil mapping	
WG03		Digital Soil Morphometrics: Soil imaging and image analysis at multiple scales	
WG04		Global Soil Map: Progress and challenges	
WG06		Soil Monitoring: Soil monitoring evolving tools and challenges	
WG08		WRB: Soil Classification for understanding soil genesis, map legends and soil functions. Experiences with WRB and other systems	
Schedule	ID	Title	Presenter
13:30 – 13:40	2121	Mapping soil bulk density in Brazil by machine learning	Elpídio Inácio Fernandes Filho
13:40 – 13:50	3166	Morphometric functional units as an input for inferring the spatial variability of soils	Bryan Fuentes
13:50 – 14:00	2144	Soil pH spatial distribution with digital soil mapping (DSM) in central Andes of Peru	Julio Cesar Nazario Rios
14:00 – 14:10	1775	Assessment of water reservoir sediment by ground penetrating radar and x-ray fluorescence analysis	Elaine Caliman Sposito
14:10 – 14:20	1523	A GlobalSoilMap Prototype for the Conterminous United States: Characterizing Uncertainty	Norman B. Bliss
14:20 – 14:30	288	Comparisons between splines and weighted means for filling missing soil horizon data for GlobalSoilMap standard depths	Zamir Libohova
14:30 – 14:40	1179	Updating the categorical soil map of Iran using limited soil legacy data	R. Taghizadeh-Mehrjardi
14:40 – 14:50	542	Turning Band Co-simulation algorithm approach to multivariate mapping of heavy metals spatial contamination in a Cu-Ni exploration field	Peter N. Eze
14:50 – 15:00	1002	Applying the World Reference Base 2015 to soil profile databases of various nomenclatures: Tool, performance and feedbacks	Einar Eberhardt
15:00 – 15:10	2021	Beyond Earth: Can we classify Martian soils with WRB?	Jérôme Juilleret



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