



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 2

Monday (Aug, 13)		TOTEN 19	
C2.1.2		The role of soil physics in water conservation and food security	
Schedule	ID	Title	Presenter
13:30 – 13:40	2429	Estimation of surface runoff using the stable infiltration rate determined by different methods	Felipe Dalla-zen Bertol
13:40 – 13:50	2234	Evaluation of a low-cost sensor to implement a wireless soil moisture sensor networks	Pedro Vieira CRUZ
13:50 – 14:00	3230	Evaluation of the hydraulic conductivity of the soil under different uses and sun-exposed faces	Lopes, Vanessa Schiavon
14:00 – 14:10	745	Evapotranspiration: model versus measurements	Sascha Reth
14:10 – 14:20	2018	Filtration of Phytophthora and Pythium Zoospores in Recycled Irrigation Water to Control Plant Disease Outbreaks in Greenhouse	Sangho Jeon
14:20 – 14:30	1644	Hydrological characteristics of four Soilless Substrates for Potting Cultivation	Eleandro Silva da Cruz
14:30 – 14:40	284	Infiltration of water in a Oxisol in organic corn crop using different cover crops	Juliana Megumi Kanashiro de Oliveira
14:40 – 14:50	2616	Influence of soil layers with canal bed with different water cuttings on frost heaving of lining structure	Xiangdong Shen
14:50 – 15:00	277	Measuring near-wilting soil hydraulic properties and their application in crop water availability modeling	Quirijn de Jong van Lier
15:00 – 15:10	2613	Modernizing surface irrigation and land levelling in Hetao with application of the DSS SADREG	Haibin Shi



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