



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 3

Monday (Aug, 13)		Room "Aruba I"	
C3.6.1 C3.6.2 C.3.6.3 C.3.6.4	Oasis soils: can our wisdom and experience survive in Anthropocene Salinity mapping and modelling salinization processes Salinity management and remediation of salt-affected soils Impact of land use change on soil and the environment in dry regions		
	Convener: Jingsong Yang, Institute of Soil Science, Chinese Academy of Sciences, Nanjing, China, E-mail: jsyang@issas.ac.cn Donald Suarez, USDA ARS Salinity Laboratory, Riverside, USA. E-mail: Donald.suarez@ars.usda.gov		
	Co-Convener: Tibor Toth, Institute for Soil Sciences, Hungarian Academy of Sciences, Budapest, Hungary, E-mail: tiber@rissac.hu		
	Schedule	ID	Title
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	382	Saline water impact in hydrogel conditioned soil hydric retention	André Luis da Silva Parente Nogueira
15:55 – 16:10	1769	Scenario Simulation of Field Soil Water and Salt Balances Using SAHYSMOD for Salinity Management in a Coastal Salt-affected Agroecosystem	Rongjiang Yao
16:10 – 16:25	2589	Use of EM-38 Soil Surveys in Forage Fields at a Saline Drainage Water Reuse Site to Calibrate a Hydro-salinity Model for Decision Support	Sharon E. Benes
16:25 – 16:40	1394	The modern state of irrigated sodic soils in the south of Russia (Svetloyarsk irrigation system, Volgograd oblast)	Kristina Prokopeva
16:40 – 16:55	1336	Soil salinization in Patagonian meadows with different grassland condition	María Victoria Cremona
16:55 – 17:10	1173	Satellite and UAV thermography for soil salinity assessment	Konstantin Ivushkin
17:10 – 17:25	1118	Spatial Variability of Simulated Crop Yield with EPIC model in relation to Soil Salinity Predicted by Remote Sensing in Tarim River Basin/China	Hussein Othmanli
17:25 – 17:40	1540	Effects of chemical amendments for sodic soil reclamation strategies in Puerto Rico	David Sotomayor-Ramírez
17:40 – 17:55	2278	Using image processing technics to map soil salinity in semi-arid region	Artênio Cabral Barreto
17:55 – 18:10	--	Closing	Conveners



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