

21 WORLD CONGRESS OF SOIL SCIENCE

21st World Congress of Soil Science Sunday 12 – Friday 17 August 2018 Rio de Janeiro, Brazil

Rio de Janeiro August | 12 - 17

DIVISIONAL SYMPOSIUM - DIVISION 4

Friday (Aug, 17)		Room "Capri V"	
C4.2.2		Soil quality and food security in the tropics	
		Convener: Cassio Hamilton Abreu Júnior, Plant Nutrition Laboratory, Center for Nuclear	
		Energy in Agriculture, University of São Paulo (CENA/USP), Piracicaba, São Paulo, Brazil	
		Co-Convener : Marcia Thais de Melo Carvalho, Brazilian Agricultural Research	
		Corporation (Embrapa), National Research Center for Rice and Beans, Santo Antônio de	
		Goiás, GO, Brazil	
Schedule	ID	Title	Presenter
13:30 – 13:40		Opening	Conveners
13:40 – 13:55	1421	Biochemical characterization of selenium toxicity symptoms in	Andre Rodrigues dos
		cowpea plants	Reis
13:55 – 14:10	1337	Effect of different approaches of fertilizer recommendation on	K.K.Math
		growth, yield and quality of soybean in a Vertisol.	
14:10 – 14:25	834	Effect of methods of Zinc and Fe nutrition on yield and quality	Ganajaxi Math
		of chickpea genotypes	
14:25 – 14:40	394	How can we mitigate impact of climatic variability on crop	Hitoshi Shinjo
		production in the semiarid tropics of Africa?	
14:40 – 14:55	1811	Impacts of Commercial Rhizobium Inoculants on Tropical	Edwin K. Akley
		Soybean (Glycine max) Varieties in the Guinea Savanna	
		Agroecology of Northern Ghana	
14:55 – 15:10	412	Promoting the 4R among smallholder farmers in the tropics:	Bucaro, Andres
		Successes, challenges and lessons learned	
15:10 – 15:25	1678	Relationship between Cadmium levels in soil and beans in	Martha C. Henao
		cacao production systems of the Colombian central Andean	
		region	
15:25 – 15:40	1582	Soil Health for Climate Change Resilience and Food Security in	Marie-Soleil Turmel
		the Central American Dry Corridor	
15:40 – 15:55		Closing	Conveners







