



**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 3

Monday (Aug, 13)		TOTEN 39	
C3.2.6		Agricultural management to protect soil resource to support a growing population	
Schedule	ID	Title	Presenter
13:30 – 13:40	2868	Physiological responses of Theobroma cacao L. genotypes to drought stress	Paúl Lama Isminio
13:40 – 13:50	1041	Soil aggregate stability in an Ultisol under increasing cattle trampling pressure	Mastrangelo Enivar Lanzaova
13:50 – 14:00	2723	Soil chemical, physical and microbiological properties under Integrated Crop-Livestock System in Araguaia Valley Region, Mato Grosso State, Brazil	Silvio Yoshiharu Ushiwata
14:00 – 14:10	774	Soil density dynamics and physical fractions of organic matter in management systems in the Conesul's region of Mato Grosso do Sul	Paulo Guilherme da Silva Farias
14:10 – 14:20	3126	Soil losses in different soil management under pasture	Fabiano Oliveira Machado
14:20 – 14:30	1898	Soil mechanical resistance to penetration of maize no-tillage system in succession with cover crops and chiseling systems	Paulo Cesar Conceição
14:30 – 14:40	2300	Soil physical attributes under integrated agricultural production systems at Agreste mesoregion of Paraíba State, Brazil	Victor Ferreira Brandão
14:40 – 14:50	1577	Soil physical quality of an ultisol under crop-livestock-forest integration system in Amazonia, Brazil	Diego Lima de Souza Cruz
14:50 – 15:00	266	Soil quality indicators of a Planosol under integrated Crop/livestock/Forest system at Agreste Mesoregion of Paraíba State, Brazil	André Julio do Amaral
15:00 – 15:10	2270	Soil temperature measurements by newly developed soil probes in Hungary	Zsófia Dobó



International Union of Soil Sciences



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