



**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

Thursday (Aug, 16)		TOTEN 15	
<b>C2.3.3</b> <b>C2.4.1</b>		Rhizosphere mineral dynamics: soil-plant-microorganism Dynamic minerals: shifts in soil mineral composition as a result of soil use and management over the human time scale	
Schedule	ID	Title	Presenter
13:30 – 13:40	2676	Symbiotic capacity and plant growth promotion by bacteria isolated from nodules of Mimosa spp. in ultramafic soils	Fábio Bueno dos Reis Junior
13:40 – 13:50	2462	The Effects of Plant Growth-Promoting Bacteria (PGPB) on the Initial Development of Corn	Gustavo Benincá Rodrigues
13:50 – 14:00	1424	The influence of microbial diversity on maize rhizosphere to phosphorus disponibilization	Yasmin Florentino Rodrigues
14:00 – 14:10	1559	CHEMICAL AND MINERALOGICAL OF SOILS OF THE METROPOLITAN REGION OF MANAUS - AMAZONAS, BRAZIL	Matheus da Silva Ferreira
14:10 – 14:20	233	Contribution of amorphous materials in the cohesion of soils of the Barreiras Formation and correlates	Michele Ribeiro Ramos
14:20 – 14:30	792	Could 33 years of K fertilization deprivation alter phyllosilicates and K mineral reserve in the clay fraction of an Oxisol?	Ruan Francisco Firmano
14:30 – 14:40	2395	Description of the mineralogical profile of Oxisols of the Central Amazonia	Jose Zilton Lopes Santos
14:40 – 14:50	2273	Different types of treatment prior to the granulometric analysis of volcanic soils made it possible to determine a regular distribution with other soil properties according to altitude on the western slope of the tropical island of Réunion.	Feder
14:50 – 15:00	1665	Formation of hydroxy-interlayered minerals (HIMs) in integrated crop-livestock systems (ICLS)	Vanessa Thoma Bertolazi
15:00 – 15:10	896	Geotechnical characterization of Vertisols from Bahia State, Brazil	Igor Rodrigues de Assis



**Brazilian Soil Science Society**



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