



**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

Tuesday (Aug, 14)		TOTEN 22	
C2.3.1		Soil microbiological processes and nutrient cycling under crop rotation	
Schedule	ID	Title	Presenter
13:30 – 13:40	3037	Effect of native arbuscular mycorrhiza isolated from acidic volcanic soils on wheat root traits and phosphorus uptake	Alex Seguel
13:40 – 13:50	1373	Effects of Biofertilizer on the root colonization of soy and corn by arbuscular mycorrhizal fungi	Leopoldo Sussumu Matsumoto
13:50 – 14:00	1146	Effects of bokashi fertilizer and rice straw on greenhouse gas emission and rice yield in paddy field	Kazuyuki Inubushi
14:00 – 14:10	2733	Effects of long-term cultivation of forages on microbial soil attributes	Raphael B. A. Fernandes
14:10 – 14:20	1640	Evaluation of groundnut genotypes for variations in their response to phosphorus sources in three agro-ecological zones of Nigeria	Ado Adamu Yusuf
14:20 – 14:30	1553	Evaluation of Soil Microbial Community Changes Under Different Agricultural Land Uses in Eastern Montana, USA	Joshua J. Steffan
14:30 – 14:40	2158	Exotic arbuscular mycorrhizal fungi reduce mycorrhizal colonization rate in cowpea plants	Marco Aurélio Gabriel da Silva
14:40 – 14:50	1612	How deep can ectomycorrhizae go? A case study down to 4 meter depth in a Brazilian eucalyptus plantation under rainfall reduction.	Robin A
14:50 – 15:00	534	Indigenous mycorrhizae enhances carbon and nitrogen uptake by sweet sorghum genotypes grown under two divers soil ecological zones	Ibrahim. A. M. Ahmed
15:00 – 15:10	1199	Inoculation of phosphate solubilizing bacteria enhance growth and nutrient accumulation of <i>Vigna unguiculata</i> (L.) Walp in an Oxisol	Silvia Maria de Oliveira Longatti



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