



**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 2

Monday (Aug, 13)		Room "Oceania IX e X"	
<b>C2.3.3</b>		<b>Rhizosphere mineral dynamics: soil-plant-microorganism</b>	
		<b>Convener:</b> Dr. Maria Catarina Megumi Kasuya, Federal University of Viçosa, Viçosa, Brazil.	
		<b>Co-Convener:</b> Dr. Keitaro Tawarayama, Faculty of Agriculture, Tsuruoka, Yamagata, Japan.	
Schedule	ID	Title	Presenter
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	494	Bacterial traits and quality contribute to the diet choice and survival of bacterial-feeding nematodes	Ting Liu
15:55 – 16:10	1120	Denitrification is lower in Bradyrhizobium japonicum than in B. diazoefficiens due to impaired nitrate reductase activity.	Arthur Fernandes Siqueira
16:10 – 16:25	1803	Diversity of bacterial community in the iron plaque of Typha latifolia growing in mine tailing wetland	Shizhong Wang
16:25 – 16:40	717	Effect of planting density on microbial activity and SOM decomposition in an arable topsoil and subsoil	Sebastian Loepmann
16:40 – 16:55	447	Funneliformis mosseae alters soil fungal community dynamics and composition during litter decomposition	Heng Gui
16:55 – 17:10	1698	Fungal communities in Eucalyptus grandis and Acacia mangium rhizosphere in different planting systems	Elke Jurandy Bran Nogueira Cardoso
17:10 – 17:25	1844	The use of inoculant arbuscular mycorrhizal fungi and phosphate solubilizing microorganisms on growth of maize and soil phosphorus status	Irnanda Aiko Fifi Djuuna
17:25 – 17:40	--	Closing	Conveners



**Brazilian Soil Science Society**



**2015**  
International  
Year of Soils