



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 25	
C2.3.1 C.2.3.2		Soil microbiological processes and nutrient cycling under crop rotation Molecular techniques as a useful tool to reveal soil biodiversity and biotechnological potential of microbial genomes	
Schedule	ID	Title	Presenter
13:30 – 13:40	3122	Sugarcane straw removal does not change C and N dynamics from sugarcane trash mulch	Adriane Luiza Schu
13:40 – 13:50	1446	Technological viability of rhizobia inoculation in the planting furrow in common bean	Damiany Pádua Oliveira
13:50 – 14:00	362	The impact of post-fire salvage logging on microbial nitrogen cyclers in Mediterranean forest soil	Jorge Mataix-Solera
14:00 – 14:10	2501	Acidobacteria community responses to nitrogen dose and form in Chinese fir plantations in southern China	Ruzhen Jiao
14:10 – 14:20	2695	16s rRNA gene sequencing reveal microbiome variations during different fertilisation practices	Elisa Vendramin
14:20 – 14:30	2418	Bacterial communities monitoring from different uses of Amazon soils focusing on the metanotrophs group.	L. Bresciani
14:30 – 14:40	358	Bradyrhizobium brasilense sp. nov., a symbiotic nitrogen-fixing bacterium isolated from Brazilian tropical soils	Amanda Azarias Guimarães
14:40 – 14:50	2765	Denitrification potentials and riverbank soil bacterial structures along Shibetsu river, Japan	Yoshitaka Uchida
14:50 – 15:00	2596	Diversity of fungi associated with the rhizosphere of Canavalia ensiformis and Crotalaria juncea in soils treated with herbicide sulfentrazone	Karen Caroline Ferreira Santaren
15:00 – 15:10	2888	DNA concentration of the soil may be affected by herbicide applications in high weathered soils	Marco Aurélio Pessoa-de-Souza



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