



**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

Monday (Aug, 13)		TOTEN 55 – EXTRA Division 2	
<b>C2.3.1</b>		Soil microbiological processes and nutrient cycling under crop rotation	
<b>C2.3.2</b>		Molecular techniques as a useful tool to reveal soil biodiversity and	
<b>C2.2.3</b>		biotechnological potential of microbial genomes	
<b>C2.2.1</b>		Soil and water pollution: dynamics and evaluation	
<b>C2.1.1</b>		Soil organic matter dynamics from molecules to landscapes	
		Soil structure dynamics	
Schedule	ID	Title	Presenter
13:30 – 13:40	2079	Cover crops diversity improves soil microbiology on crop rotation systems	Bruno Poloto Lopes
13:40 – 13:50	2471	Response of soil bacteria and archaea communities to long-term crop richness in a no-tillage experiment	Jessica Pereira de Souza
13:50 – 14:00	3065	Andisol top-soil as support of a biopurification system to treat water contaminated with atrazine	Marcela Levio
14:00 – 14:10	2864	Quantification and characterization of humics acids by 13-NMR solid state spectroscopy	William Chavarriaga Montoya
14:10 – 14:20	1175	Influence of grazing intensities in integrated crop-livestock system on microbiological attributes in soil	Andrea S. Scaramal
14:20 – 14:30	564	Geometrical modeling of pore space using ellipsoids: application to the simulation of water retention in soils	Olivier Monga
14:30 – 14:40	2881	Availability of heavy metals and other elements in soils under influence of the Itataia uranium-phosphate deposit in Brazil	José Igor Almeida Castro
14:40 – 14:50	2867	Evaluating the pollutant removal potential of swales for the treatment of metaldehyde and other pesticide pollutants within agricultural surface runoff.	Lloyd Cockram
14:50 – 15:00	2096	Soil physical attributes in an integrated crop-livestock systems in southern Brazil	Douglas Rodrigo Kaiser
15:00 – 15:10			



**Brazilian Soil Science Society**



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