



**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 4

Monday (Aug, 13)		TOTEN 50	
<b>C4.1.1</b> <b>C4.1.2</b>		Soil ecosystem services Climate change and adaptation of soil functions	
Schedule	ID	Title	Presenter
13:30 – 13:40	2441	Pedodiversity in Brazil: recognizing and valuation	Rosangela Garrido Machado Botelho
13:40 – 13:50	561	High temperature and water stress affect the plant nutrient levels of Panicum maximum under future climatic changes	Eduardo Habermann
13:50 – 14:00	1399	Assessing the potential of a Ferric Luvisol in climate change adaptation.	Daniel OKAE-ANTI
14:00 – 14:10	2189	Biometric variables in young plants of Khaya ivorensis A. Chev. under phytoremediation of Cadmium.	Vitor Resende do Nascimento
14:10 – 14:20	784	Effect of temperature and soil moisture on soil: atmosphere greenhouse gases exchange on an aridity gradient	Everaldo dos Santos
14:20 – 14:30	1088	Relationship of Nitrous Oxide Production and Consumption By Collapsed Palsa	Yuta Takatsu
14:30 – 14:40	2223	Response of soil microarthropods assemblages to different precipitation patterns	Bruna Raquel Winck
14:40 – 14:50	1631	Soil organic carbon turnover rate prediction in the framework of global warming: an approach to determine the role of climate and geochemistry.	Erick Zagal
14:50 – 15:00	781	Use of adaptive legumes genotypes to constraint factors in soil as strategy to improve agricultural sustainability in different cropping system	Luis A. Gomez Jorin
15:00 – 15:10	1880	Soil organic carbon store in Honduras	Arévalo Gloria



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