



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 4

Monday (Aug, 13)		Room "Oceania I e II"	
C4.1.2		Climate change and adaptation of soil functions	
		Convener: Masamichi Takahashi, Japan International Forestry Promotion & Cooperation Center (JIFPRO), Japan	
		Co-Convener: Beata Madari , Brazilian Agricultural Research Corporation (Embrapa), National Research Center for Rice and Beans, Santo Antônio de Goiás, GO, Brazil	
Schedule	ID	Title	Presenter
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	2109	A Decade of Nitrous Oxide Flux Measurements with Annual and Perennial Crop Rotations on the Canadian Prairies	Mario Tenuta
15:55 – 16:10	1878	How does zero valent metals and metal-sulfate materials affect N ₂ O emission and abundance of denitrifying bacteria gene (narG, nirK, nirS, norB, and nosZ) in arable soil?	Hyun Ho Lee
16:10 – 16:25	2022	Investigation of the dry stress effect on the water consumption and the tree growth with the use of lysimeter	Jürgen Müller
16:25 – 16:40	809	Introduction of Impact Assessment and Adaptation with Crops on Climate Changes in Korea	Myung Chul Seo
16:40 – 16:55	1626	Impact of climate on the mighty manganese soils of Graskop	Matthew H.H. Fischel
16:55 – 17:10	2379	Near-infrared spectroscopy: an alternative tool to predict 13C abundance and to improve Soil organic carbon dynamics understanding.	Erick Zagal
17:10 – 17:25	584	Soil C-sequestration and CO ₂ fluxes under maize-based conservation agriculture systems in the Eastern Cape, South Africa	Lindah Muzangwa
17:25 – 17:40	--	Closing	Conveners



Brazilian Soil Science Society



2015
International
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