



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 SIMPOSIUM – DIVISION 3

Monday (Aug, 13)		Room "Oceania IV e V"	
C3.3.7		Contribution of zero tillage (no-till) to sustainable use and management of soils - I	
		Convener: Pedro Luiz de Freitas. Embrapa Soils, Rio de Janeiro, RJ, Brazil, E-mail: pedro.freitas@embrapa.br	
		Co-Convener: John N. Landers, International Zero Tillage Consultant, O.B.E., Brasilia-DF, Brazil, E-mail: john.landere@uol.com.br	
Schedule	ID	Title	Presenter
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	622	Do short-term conservation agriculture practices affecting stratification of soil labile carbon in Trans-Gangetic plains of India?	Ajay Kumar Mishra
15:55 – 16:10	655	Multiple rolling/crimping effects on rye cover crop termination, soil moisture, and strength in a no-till system	Ted Kornecki
16:10 – 16:25	822	A half-century of no-tillage and crop residue retention on a Vertisol in north-eastern Australia: lessons learnt	Yash Dang
16:25 – 16:40	1282	Soil microbial community control the response of soil CO ₂ emission and crop yield to drought under no-tillage	Shuxia Jia
16:40 – 16:55	3167	Earthworm populations and the IQP index in sites under no-tillage system in south Brazil	Marie Luise Carolina Bartz
16:55 – 17:10	880	Conservation agriculture adoption and soil physical properties dynamics. Outcomes from Northeast Italy silty soils coupling on-site 3D geophysical survey and classical methods	Ilaria Piccoli
17:10 – 17:25	1419	Tillage management effects on soil physical properties in sugarcane fields	Leandro Carneiro Barbosa
17:25 – 17:40	1636	Impact of zero-till on soil properties and function in subtropical Texas, USA	Paul B. DeLaune
17:40 – 17:55	--	Closing	Conveners



International Union of Soil Sciences



Brazilian Soil Science Society



2015
International
Year of Soils