



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 3

Tuesday (Aug, 14)		TOTEN 38	
C3.3.5		Soils for mitigating global warming: greenhouse gas emission reduction and/or enhancing carbon	
Schedule	ID	Title	Presenter
13:30 – 13:40	2966	Magnetism of the Archaeological Black Earth as an agricultural and environmental indicator	Ludmila de Freitas
13:40 – 13:50	790	Manure type affects manure degradation rate, soil biogeochemistry, and greenhouse gas emissions	Tien Weber
13:50 – 14:00	2492	Multifunctional agroecosystems in the semi-arid environment to mitigate the impacts of climate change	Vanderlise Giongo
14:00 – 14:10	773	Nitrous oxide emission from urine and dung patches in subtropical Brazil and its reduction by the nitrification inhibitor dicyandiamide	Jeferson Dieckow
14:10 – 14:20	2451	Nitrous oxide emissions of production systems in lowlands of Rio Grande do Sul	Thaís Murias Jardim
14:20 – 14:30	391	Organic carbon stock in Haplic Cambisol under winter cover crops and corn in summer	Jorge Luiz Locatelli
14:30 – 14:40	920	Organo-mineral interaction is the main stabilization mechanism of C from animal manures in a subtropical sandy Acrisol under no-tillage	Lucas Antonio Telles Rodrigues
14:40 – 14:50	2778	Participatory technology demonstrations for enhancing climate resilience in varied agro-ecologies across India	A.K. Singh
14:50 – 15:00	1966	Passive mineral carbonation as a potential atmospheric C sink: exploratory samples from Brazil.	Antonio Carlos de Azevedo
15:00 – 15:10	2794	pH modulation of microbial communities driving the methane cycle in the Amazon Forest-to-Pasture conversion	Leandro Fonseca de Souza



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