



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 39	
C3.3.5		Soils for mitigating global warming: greenhouse gas emission reduction and/or enhancing carbon	
Schedule	ID	Title	Presenter
13:30 – 13:40	1852	Plant diversity affects GHG fluxes in an ecological engineering experiment in a disturbed Sphagnum peatland (La Guette, France)	Sébastien Gogo
13:40 – 13:50	1000	Short-term effects of deep ploughing on soil C stocks following renewal of a dairy pasture in New Zealand	Roberto Calvelo Pereira
13:50 – 14:00	667	Soil Carbon and Nitrogen content in areas of agricultural expansion in southern Brazil	Felipe Bonini da Luz
14:00 – 14:10	208	Soil carbon dynamics from a degraded pastureland to an agrisilviculture system in the Cerrado	Thais Rodrigues Coser
14:10 – 14:20	212	Soil carbon stock predictive models on archaeological black lands - natural and transformed	Camila Viana Vieira Farhate
14:20 – 14:30	1157	SOIL CARBON, NITROGEN AND PHOSPHORUS STOCKS OF FOREST ISLANDS OF WEST AFRICA	Caleb Melenya
14:30 – 14:40	3232	Soil CH ₄ and N ₂ O fluxes in an improved-fallow slash-and-mulch agroforestry system for one year in secondary forest and one year of crop cultivation in eastern Amazonia of Brazil	Aaron Joslin
14:40 – 14:50	2443	Soil CO ₂ emission and correlations with soil properties in under no-tillage with different crops rotations	Gustavo André de Araújo Santos
14:50 – 15:00	2843	Soil CO ₂ emission in Eucalyptus and silvopastoral systems with 30 years of conversion in the Brazilian Cerrado	Christiane Fernandes Oliveira
15:00 – 15:10	1467	Soil fluxes of nitrous oxide and methane in Pampa grassland afforested with Eucalyptus spp.	Frederico Costa Beber Vieira



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