DIVISIONAL SIMPOSIUM – DIVISION 3

Tuesday (Aug, 14)		Room "Galápagos I"	
C3.3.5		**Soils for mitigating global warming: greenhouse gas emission reduction and/or enhancing carbon sequestration - I**	
		Convener: Carlos E. Cerri. Luiz de Queiroz College of Agriculture. University of Sao Paulo. Piracicaba-SP, Brazil, E-mail: cepcerri@usp.br	
		Co-Convener: João Luis Carvalho. Brazilian Bioethanol Science and Technology Laboratory (CTBE). Campinas-SP, Brazil, E-mail: joao.carvalho@bioetanol.org.br	
Schedule	**ID**	**Title**	**Presenter**
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	196	Mitigation of nitrous oxide emissions and nitrate leaching in grazed grassland in New Zealand.	Hong J. Di
15:55 – 16:10	454	Implementation of the 4 per 1000 initiative at the regional scale: A case study for Bavaria	Martin Wiesmeier
16:10 – 16:25	624	Pasture systems: an alternative for soil carbon storage in conditions of tropical dry climate in Santa Marta, Colombia	Sonia Esperanza Aguirre Forero
16:25 – 16:40	1046	Biological nitrification inhibition as a method to reduce nitrous oxide emissions from grazed pasture soils: a New Zealand perspective	Camilla Gardiner
16:40 – 16:55	1275	Tillage and cropping systems and nitrogen fertilization affected carbon accumulation in superficial and subsuperficial soil layer after 30 years in Southern Brazil	Cimélio Bayer
16:55 – 17:10	1484	Rate of C substitution in organic matter fractions by pasture-derived C in soil under integrated systems	Eduardo S. Matos
17:10 – 17:25	244	Forestry for climate smart agriculture, agro-biodiversity and ecosystem services	Arun Kumar Mishra
17:25 – 17:40	593	Long-term zero tillage minimizes global warming potential	Hannah Cooper
17:40 – 17:55	2271	Estimation of soil C stocks in different scales in an intensively cropped region of Southern Brazil	Carlos Gustavo Tornquist
17:55 – 18:10	--	Closing	Conveners