



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 “Capri III”	
C3.1.1		Recent advances in terroir zoning, functioning and sustainability - I	
		Convener: Edoardo Costantini - Consiglio per la Ricerca in Agricoltura e l'Analisi dell'Economia Agraria – Agrobiology and Pedology Research Centre, Florence, Italy, E-mail: edoardo.costantini@crea.gov.it	
		Co-Convener:	
Schedule	ID	Title	Presenter
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	1887	Modeling soil organic carbon stock after 10 years of cover crops in Mediterranean vineyards: improving ANN prediction by digital terrain analysis	Giuseppe Lo Papa
15:55 – 16:10	315	A new dynamic viticulture zoning approach to explore the resilience of terroir concept under climate change: the case study of Aglianico grapevine in southern Italy.	A. Bonfante
16:10 – 16:25	395	Effects of soil erosion on agro-ecosystem services: a multidisciplinary study in nineteen organically farmed European and Turkish vineyards	Edoardo Costantini
16:25 – 16:40	2089	Influence of soil characteristics on the composition of winter wines (Syrah cv.) from commercial vineyards of southeastern Brazil	Mariana Gabriele Marcolino Gonçalves
16:40 – 16:55	1697	Evaluation of the effect of the incorporation of two types of plastics (biodegradable and conventional) and the activity of earthworms in sandy soils in wheat (<i>Triticum aestivum</i> L.)	Amalia Mejía Peláez
16:55 – 17:10	348	Effect of long-term application of inorganic fertilizers and organic manure on yield and soil organic carbon dynamics in a crop rotation system	Jidong Wang
17:10 – 17:25	1655	Fertilizer sources and application methods of zinc in citrus orchard	Rodrigo Marcelli Boaretto
17:25 – 17:40	2585	Zoning of productive areas for the establishment of plantations of acacia in Colombia	Silvia Marcela Caguasango Eraso
17:40 – 17:55	--	Closing	Conveners



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