



**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

Tuesday (Aug, 14)		Room “Capri II”	
<b>C3.2.5</b>		<b>Soil erosion modelling: Global Alliance</b>	
		<b>Convener:</b> Pasquale Borrelli. University of Basel, Environmental Geosciences, Basel, Switzerland. E-mail: pasquale.borrelli@unibas.ch Panos Panagos. European Commission, Joint Research Center, Ispra, Italy. E-mail: panos.panagos@ec.europa.eu	
		<b>Co-Convener:</b> Jae E. Yang. Department of Biological Environment, Kangwon National University, Chunchon, Korea, E-mail: yangjay@kangwon.ac.kr	
Schedule	ID	Title	Presenter
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	Invited 1135	Soil Erosion in Woodlands: Effects of Tree Species, Tree Diversity and Biological Soil Crusts after Forest Disturbances	Thomas Scholten
15:55 – 16:10			
16:10 – 16:25	995	The use of dendrogeomorphology as a tool for dating and reconstructing erosion dynamics in tropical regions.	Miguel Cooper
16:25 – 16:40	1134	Current and future assessments of water erosion on the Tibetan Plateau	Hongfen Teng
16:40 – 16:55	1151	Modeling structural and functional hydrological connectivity in a Mediterranean catchment by using a new aggregated index	Manuel López-Vicente
16:55 – 17:10	2218	Runoff and soil erosion process-based modeling in different land uses in the Brazilian Cerrado	Jamil Alexandre Ayach Anache
17:10 – 17:25	2407	Estimating fractional cover for hillslope erosion modeling using Landsat-8 images	Xihua Yang
17:25 – 17:40	3058	Potential of phosphorus fractions to trace sediment sources in a rural catchment of Southern Brazil: comparison with a conventional approach based on elemental geochemistry	Tales Tiecher
17:40 – 17:55	1272	Global impacts of 21st-century land use change on soil loss by water erosion	Pasquale Borrelli
17:55 – 18:10	--	Closing	Conveners



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