

Interactive comment on “Karst bare slope soil erosion and soil quality: a simulation case study” by Q. Dai et al.

Q. Dai et al.

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RESPONSES TO OPEN COMMENTS Solid Earth Discuss., 7, C722–C723, 2015 by A. Cerdà (Referee #1): Dear Author: Your paper is of quality and must be published I wish to suggest that your section 4 will be merged with the section 5 (conclusions) and that you will improve the discussion with some comments to the importance of rock fragments in the karst areas see here the effect on soil erosion: Martínez-Zavala L, Jordán A. 2008. Effect of rock fragment cover on interrill soil erosion from bare soils in Western Andalusia, Spain. Soil Use and Management, 24: 108-117. and how important they are for restoration Jiménez, M. N., Fernández-Ondoño, E., Ripoll, M. Á., Castro-Rodríguez, J., Huntsinger, L., & Navarro, F. B. (2013). Stones and organic mulches improve the Quercus ilex L. afforestation success under Mediterranean

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climatic conditions. Land Degradation & Development. | DOI: 10.1002/ldr.2250 Under different environmental conditions Cerdà, A. 1998. Relationships between climate and soil hydrological and erosional characteristics along climatic gradients in Mediterranean limestone areas Geomorphology 25: 123-134 DOI: 10.1016/S0169-555X(98)00033-6 RESPONSES: Thank you very much for the positive comments from Professor A.Cerda. Your suggestions are also very good! We have merged Section 4 with research prospect with section 5 (conclusions) into one section (Discussions and prospect) by extensively commenting on the importance of rock fragments in the Karst areas. We have also cited the above important 4 references. Thank you very much for Professor A.Cerda's constructive suggestions and good references! Solid Earth Discuss., 7, C768–C768, 2015 Anonymous Referee #2 This discussed paper is quite interesting in quality and originality with better presentation and reliable information. This paper now can be accepted for its readability in SE. RESPONSE Thank you very much for your quite positive comments on our work in this paper! Solid Earth Discuss., 7, C803–C803, 2015 (Anonymous Referee #3) Authors have attended all my comments and the manuscript is now ready for publication. RESPONSE Thank you very much for your very positive comments for our revised paper! Interactive comment on Solid Earth Discuss., 7, 1639, 2015. Anonymous Referee #4 This is a well-managed work on karst regions, and it is important to be published as soon as possible. Check the citation of Geissenon et al. (1996) page 1643 does not appear in the references RESPONSE Thank you very much for your quite positive comments on our revised paper and the work! We have cited the work by Geissenon et al. (1996).

Professor HB SHAO, on behalf of all the authors

Interactive comment on Solid Earth Discuss., 7, 1639, 2015.

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