

Dear Editor and R#2,

thank you for your comments. We have made the corrections suggested by the reviewer, and few more, as shown in the following table (*please note that page and line are relative to the revised MS submitted previously to the corrections.*):

Page	Line	Previous	Corrected	Comment
1	3-4	Assessment of landslide triggering rainfall thresholds plays a key role in early warning systems aimed at warning the potential occurrence of landslides in prone areas.	Assessment of landslide triggering rainfall thresholds is useful for early warning in prone areas.	
2	32-34	Rainfall thresholds indicating landslide triggering play a key role within early warning systems aimed at warning the potential occurrence of landslides in prone areas	Rainfall thresholds indicating landslide triggering are useful for the development of early warning systems in prone areas	
1	7	rainfall-factor of safety	rainfall and related slope-stability factor of safety data	
3	86	should always	always should	
4	124	dependent by	dependent on	
5	151	...simulation parameters at the endsimulation parameters are given at the end ...	
7	207	Introduction	introduction-section of this paper	
7	210	in Monte Carlo simulation methodology	in the Monte Carlo simulation methodology	
7	225	with the one that	to the one	
7	226	to analyse	in analysing	
8	237-239	The first... . These experiments	The first... . To investigate the second uncertainty factor, those experiments	Referee indicated to replace "first" with "second", while "the first" is correct. Indeed the sentence was unclear, mainly for the absence of specification of how the second factor of uncertainty is investigated. The correction should now improve clarity of this part.
9	296	North-eastern Sicily.	"North-eastern Sicily." has been removed	
10	305	The area has been hit by highly-damaging diffused shallow landslides, in the last decade.	In the last decade, this area has been hit by highly-damaging diffused shallow landslides.	
10	311	Landslides were triggered by a rainfall event of more than 220 mm	On that date, landslides were triggered by a rainfall event of more than 220 mm	
10	314	derived from occurred interpretation of orthophotos	derived from interpretation of orthophotos	
10	319	... A/B ...	specific upslope contributing area A/B (ratio between the upslope draining area A and the contour length B, see Appendix B)	
10	331	Spatial variability of each of the parameters	Spatial variability of each of the soil properties	

Page	Line	Previous	Corrected	Comment
10	334-335	Hence we preferred to carry out a sensitivity analysis varying the following soil properties the hydraulic conductivity K_S , the leakage ratio c_d and the soil depth d_{LZ} according to Tab. 3, and the critical wetness ratio in the range $0 \leq \zeta_{CR} \leq 1$.	Hence we preferred to carry out a sensitivity analysis, by varying the hydraulic conductivity K_S , the leakage ratio c_d and the soil depth d_{LZ} according to Tab. 3, and the critical wetness ratio in the range $0 < \zeta_{CR} < 1$.	
10	338	... rather the rather than the ...	
11	343	Climate is Mediterranean	Climate in the Peloritani area	
11	356	This number results from the initial 28 751 events then becoming after cutting the events with hourly intensities...	This number results from the initial 28751 events then reduced after cutting the events with hourly intensities...	
11	358	... previously to the before the ...	
11	364	($\tau_M = 3.15, 6.30$ days)	($\tau_M = 2.75, 5.49$ days)	Previous values slightly erroneous due to neglecting θ_r
13	413	... the constant τ_M the water table recession constant τ_M ...	
14	460	... more low lower ...	
14	464	casethevariationsof	case the variations of	
15	500	an landslide early	a landslide early	
15	510	is considered model,	is considered,	
16	521-522	to shallow, and critical wetness ratio ζ_{CR} , that must be not to low	too shallow, and critical wetness ratio ζ_{CR} , that must be not too low	
19	639-641	Ψ_o	Ψ_{cf}	This symbol has been changed to avoid confusion with ψ_o , which indicates the initial part of pressure head response
26	Tab. 2	homogeneous rainy seasons.	homogeneous rainy seasons (the Weibull shape-parameter has been fixed to $b=0.6$).	

Best regards,

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