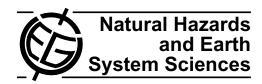
Nat. Hazards Earth Syst. Sci., 12, 267, 2012 www.nat-hazards-earth-syst-sci.net/12/267/2012/ doi:10.5194/nhess-12-267-2012 © Author(s) 2012. CC Attribution 3.0 License.





Corrigendum to

"Impact of rainfall spatial distribution on rainfall-runoff modelling efficiency and initial soil moisture conditions estimation" published in Nat. Hazards Earth Syst. Sci., 11, 157–170, 2011

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An error occurred in the computation of the radar rainfall amounts, causing a $+20\,\%$ bias on the computed amounts. All the radar rainfall values must therefore be corrected, and reduced by 20 %. Thus, the precipitations measured by the radar are in good agreement with the rain gauges (with only

+3% in average for radar data). Consequently, the *S* parameter values obtained with radar data (UR or SR) are of the same order of magnitude as the *S* parameter values obtained with rain gauge data (UG or SG). Since the bias is constant, it does not imply modifications of the main conclusions of the paper.

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