

Interactive comment on “Temporal and spatial scale and positional effects on rain erosivity derived from contiguous rain data” by F. K. Fischer et al.

Anonymous Referee #2

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Due to unknown mechanism of cloud microphysics or cloud dynamics, it is supposed that rainfall prediction and radar rain calibration in detailed small space and time scale resolution such as certain 100 m² is unreliable, even with the technology in the state of arts. Also, the space resolution is influenced by spatial fluctuation of soil surface property, topography, geology and geo-structure. It can vary widely even in 10 m² scale. As you know, only average values of rainfall or erosion in the limited resolution are available in real condition. In this situation, I recommend the research rather focused on the minimum threshold which time and space resolution is suitable for clarify the positional effects on rain erosivity.

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