

## ***Interactive comment on “Rainfall erosivity estimation using gridded daily precipitation datasets” by Maoqing Wang et al.***

**Anonymous Referee #3**

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This paper is well written with appropriate methods and datasets. However, the focus is on the comparison of different gridded rainfall datasets rather than the actual estimation (methods) on rainfall erosivity. Thus, I suggest to narrow down the title to truly reflect the actual content of the manuscript, the current title (Rainfall erosivity estimation using gridded daily precipitation datasets) is too broad. I also suggest the authors to clearly specify the differences of this research from previous studies and the implications to international readers, and add the aims and objectives in the last paragraph under the Introduction section. Some minor issues for authors consideration: Line 203: please differentiate the parameters in Eq. 9 ( $R_{ref} = a R_{ref}$ ) Fig. 3-6: improve/change the fonts to make the figures clearer Check the unit for the R-factor: is  $hm^{-2}$  really  $km^{-2}$  or just use ha.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2020-633>, 2020.

C2