

***Interactive comment on “Spatial-temporal changes in flow hydraulic characteristics and soil loss during gully headcut erosion” by Mingming Guo et al.***

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Dear author I found your paper of interest and a good piece of science I suggest some updates that are necessary in my opinion Please, check the comments on the figures layout You can improve and make the figures more relevant The introduction and discussion sections are based on old and european researches, and in the last five years scientists from Iran, China and Ethiopia developed new research on gully geomorphology, hydrology and spatial distribution I recommend to update your literature review Sincerely Artemi Cerdà

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Please also note the supplement to this comment:

<https://hess.copernicus.org/preprints/hess-2020-412/hess-2020-412-RC2-supplement.pdf>

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2020-412>, 2020.

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