

Interactive comment on “Application of a modified distributed-dynamic erosion and sediment yield model in a typical watershed of hilly and gully region, Chinese Loess Plateau” by Lei Wu et al.

Anonymous Referee #2

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This study focuses on the application of a modified dynamic model to simulate erosion and sediment yield in a typical watershed located in the Loess Plateau, China. It is an interesting and valuable study for the scientific communities in the field of soil erosion modeling. The topic treated in this manuscript would sufficiently deserve to be published within the scope of Solid Earth. However, there are still some little problems needed to be improved. 1. The language quality of certain sentences in this manuscript still needs to be improved. Therefore, a thoroughly check would be recommended. 2. The Results section could be further discussed with the consideration of relevant literatures. 3. The conclusion could be further summarized through a solid data support. Therefore, a rearrangement of the conclusions would be recommended in the revised

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manuscript.

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