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Interactive comment

Interactive comment on "Soil erodibility estimation by using five methods of estimating K value: A case study in Ansai watershed of Loess Plateau, China" by Wenwu Zhao et al.

Wenwu Zhao et al.

zhaoww@bnu.edu.cn

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Dear reviewer #1, We greatly appreciate the work that you have put into our manuscript and the support to our work. The comments inspired us to pay more attention to the accuracy of our language and the details of explanation in our manuscript. The following is a point-by-point response to all of the comments. We hope that the response will meet your approval. Once again, thank you very much for your comments and suggestions. Best regards,

Wenwu Zhao Email: zhaoww@bnu.edu.cn

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have relationship with factors such as soil type, vegetation type which have significant

correlations with soil erodibility. Relevant discussion will be added in the manuscript to explain the reason of this result. 12. Line 267 What "soil surface conditions" refer to? Please give some examples. Reply: Soil surface condition is a collection of many factors such as surface roughness and vegetation coverage, relevant explanation will be added in the manuscript. 13. Line 277-278 What is the meaning of "Because all these vegetation types are more or less affected by human activities, soil erodibility can also indirectly be affected by vegetation recovery and land cover change."? Please rewrite it to make it easy to be understand. Reply: We are sorry for causing this confusion. This sentence indicated that human activities affect the vegetation recovery and land cover change, then change the vegetation types and these changes may influence the soil erodibility. This sentence will be rewritten to make it easier to read.

Interactive comment on Solid Earth Discuss., https://doi.org/10.5194/se-2018-43, 2018.

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