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Interactive comment on "Soil erosion evolution and spatial correlation analysis in a typical karst geomorphology, using RUSLE with GIS" *by* Cheng Zeng et al.

Anonymous Referee #4

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Overall

This paper used the GIS technology and RUSLE model to analyze the spatial and temporal evolution characteristics of soil erosion and investigate the relationship between soil erosion and rocky desertification in Karst region. The soil erosion in Karst region is very different from other soil erosion in that its unique land surface characteristics. It is an interesting work for understanding the soil erosion in this region so I strongly recommend it to be published in this journal. However, my general opinion is that this paper still needs further improvements. The main shortcoming of this paper is that the descriptions are somewhat unclear. I suggest some major revisions should be made in paper descriptions before publication.

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Discussion paper

Comments (1) In Abstract, the background description should be concise; (2) In Introduction, the status of current research should describe clearer; (3) In RUSLE model should described more concise; (4) It is better in the Results section to clearly describe results from data analysis or from model simulation; (5) In Discussion section, the contribution of this paper should be emphasized in first paragraph. And some uncertainties should be addressed. (6) The English should further smooth.

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