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Discussions

Interactive comment on "Recognition of spatial framework for water quality and its relation with land use/cover types from a new perspective: A case study of Jinghe Oasis in Xinjiang, China" *by* Fei Zhang et al.

Anonymous Referee #1

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This manuscript concentrates on identifying important spatial drivers for stream water quality in China. The authors try to explain the key drivers of water quality by clustering the data by using self-organizing map method. In my opinion, the approach and method used may be valuable to be published. However, I have several concerns, which can be grouped into three aspects: 1) The abstract should not only include the methodology, but also the novelty of this paper, so the authors should add innovation clearly in the Abstract. 2) It is noted that your manuscript needs careful editing by someone with expertise in technical English editing, paying particular attention to English grammar,

spelling, and sentence structure so that the goals and results of the study are clear to the reader. 3) In my opinion, maybe the "Discussions" as an independent part is better. Also, the authors should improve the Discussions in the section "conclusions and discussions" The subject is interesting and meaningful. I think it can be published after minor revision.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., https://doi.org/10.5194/nhess-2017-358, 2017.