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Interactive comment on "Understanding of Morphometric Features for an Adequate Water Resources Management in Arid Environments" *by* Mohamed Elhag et al.

Anonymous Referee #3

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Reviewer Responses' to

"Understanding of Morphometric Features for an Adequate Water Resources Management in Arid Environments"

General comments The topic of the article Understanding of Morphometric Features for an Adequate Water Resources Management in Arid Environments is within the scope of Geo- Scientific Instrumentation, Methods and Data Systems Discussions. The title clearly reflects the contest of the paper. The aim of the research is to identify and investigate various drainage attributes to geometrical evaluation of Yalamlam basin for the sustainable rainwater harvesting management and conservation of wa-

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Discussion paper

ter resources, which will ease decision-making processes regarding sustainable water resources management. The introduction provides a generalized background of the topic, the variety of techniques used for morphometric features estimation. The Materials and methods section describes each step of the work methodology in detail along with the conducted calculations. Obtained results are sufficiently interpreted and discussed. The authors clearly describe their original contribution in estimating the morphometric features and especially its application in arid regions. The conclusions underline the benefits for the decision makers when the morphometric features are given. The article is well structured with all the necessary parts for such kind of a scientific work. The references are appropriate and up-to-date.

Specific comments There are some modifications needs to be considered to improve the quality of the work. These modifications are listed as comments to the attached file.

Please also note the supplement to this comment:
https://www.geosci-instrum-method-data-syst-discuss.net/gi-2017-28/gi-2017-28-RC3-supplement.pdf

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