

Hydrol. Earth Syst. Sci. Discuss., referee comment RC1  
<https://doi.org/10.5194/hess-2021-581-RC1>, 2021  
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## **Comment on hess-2021-581**

Anonymous Referee #1

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Referee comment on "Modelling groundwater recharge, actual evaporation and transpiration in semi-arid sites of the Lake Chad Basin: The role of soil and vegetation on groundwater recharge" by Christoph Neukum et al., Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2021-581-RC1>, 2021

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The authors proposed an interesting study. However, this manuscript still needs substantial improvement especially in the presentation and description. Attached is a commented PDF file. Authors are invited to improve the English form. I highly advice the help of a native speaker. In the commented file I suggest to add new Figures to present schematic overviews of the proposed methodology. The Sections are too fragmented and some sub-Sections are made of few lines (sub-Section 4.1 is just 3 lines). Figures require substantial improvement. I invite the authors to work hard on paper presentation to enhance clarity

Please also note the supplement to this comment:

<https://hess.copernicus.org/preprints/hess-2021-581/hess-2021-581-RC1-supplement.pdf>