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Biogeosciences
Discussions

Interactive comment on "Catchment tracers reveal discharge, recharge and sources of groundwater-borne pollutants in a novel lake modelling approach" *by* Emil Kristensen et al.

Anonymous Referee #2

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This manuscript presents an integrated method to use multiple environmental tracers to identify the areas of discharge and recharge of a groundwater fed lake. Through statistical analysis, the authors relate the similarity of groundwater samples to lake water samples to cluster areas of similar behaviour. The subject of the manuscript would be of interest to many limnologists. However, the writing in the manuscript needs to be improved so it will not detract from the scientific content. Currently, several sections need to be clarified as it is still difficult to follow the authors' conclusions.

Please see supplementary PDF that is attached for further details..

Please also note the supplement to this comment:
https://www.biogeosciences-discuss.net/bg-2017-209/bg-2017-209-RC1-supplement.pdf

Interactive comment on Biogeosciences Discuss., https://doi.org/10.5194/bg-2017-209, 2017.