



EGUsphere, referee comment RC3  
<https://doi.org/10.5194/egusphere-2022-22-RC3>, 2022  
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## **Comment on egusphere-2022-22**

Anonymous Referee #3

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Referee comment on "Influence of intensive agriculture and geological heterogeneity on the recharge of an arid aquifer system (Saq–Ram, Arabian Peninsula) inferred from GRACE data" by Pierre Seraphin et al., EGU sphere,  
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The present paper is an interesting study lacking of some clarity in the approach and discussion about the reliability of the proposed estimates of groundwater recharge. The scientific quality is good but the scientific significance is not as well because the authors are using a well-established method and I do not see the real contribution to scientific progress for such a study. Maybe the authors can be better explicit about the real significance of such a study. The figures are good quality overall.

This manuscript can be accepted with some minor revisions in my opinion.

Please also note the supplement to this comment:

<https://egusphere.copernicus.org/preprints/2022/egusphere-2022-22/egusphere-2022-22-RC3-supplement.pdf>