

Hydrol. Earth Syst. Sci. Discuss., referee comment RC2
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Comment on hess-2021-394

Anonymous Referee #2

Referee comment on "The importance of vegetation to understand terrestrial water storage variations" by Tina Trautmann et al., Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2021-394-RC2>, 2021

This work studied the effect of vegetation on global hydrological simulation and on the partitioning of total water storage (TWS) variations. The findings revealed the importance of deeper moisture storages and soil moisture-vegetation interactions when understanding TWS variations. I just have a few comments that may improve this manuscript, before it can be accepted for publication in the high-quality journal.

Specific comments:

- Line 148: Eq.2 should be Eq.3.
- Line 230: typo, 'Therefor'.
- Line 410: Fig.2 should be Fig.3.
- Figure 4: please add the label of y axis (numbers of grids?).
- Line 488: please check the number '69%', I noticed that this number is 61% in Figure 8.