

Hydrol. Earth Syst. Sci. Discuss., community comment CC3
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Comment on hess-2020-680

Yali Zhao

Community comment on "Insights into the isotopic mismatch between bulk soil water and *Salix matsudana* Koidz trunk water from root water stable isotope measurements" by Ying Zhao and Li Wang, Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2020-680-CC3>, 2021

This manuscript provided new insights on isotopic offset by intensively measuring water stable isotope ratios in different soil water pools in the soil-root-xylem continuum and verified the two water world hypotheses. This work is interesting and meaningful. The author collected the groundwater sample and assumed it to be potential water source. However, the author does not provide information on the groundwater table. Anyway, this manuscript fully confirmed the separation between tightly bound water and mobile water.

line 163: there is no "b" in the function (3).

line 274: please specific the "other factors".