Comment on hess-2021-179

John Ding

Community comment on "Incorporating experimentally derived streamflow contributions into model parameterization to improve discharge prediction" by Andreas Hartmann et al., Hydrol. Earth Syst. Sci. Discuss., https://doi.org/10.5194/hess-2021-179-CC1, 2021

I share the concern expressed by Referee Christian Birkel that

"- Figure 5 is quite hard to interpret and I suggest to use a log-scale for streamflow visualization." (In RC1, lines 6 - 7 from the end.)

In addition to a log-transformed discharge variable, log Q, I suggest a Negative Inverse Square Root (NISR)-transformed one, −1/√Q, (e.g., Ding, 2020), be used to plot the two monsoon season hydrographs in year 2013 and 2014.

References