

***Interactive comment on “Quantifying Vertical Hyporheic Exchange and hyporheic residence time in thalweg paths of meandering streams characterized by multiple riffle-pool sequences morphology” by Aminreza Meghdadi et al.***

**Christian Anibas**

c.anibas@unsw.edu.au

Received and published: 14 October 2019

Hello,

can you explain in more detail which temperature information you used to calculate the vertical exchange rates? Applying the simple steady state approximation to calculate exchange fluxes is tricky, because not all input data is acceptable. How long did you measure temperatures? The temperature envelopes in one of your figures suggest that you measured longer time series?

C1

Best regards, Christian

---

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2019-446>, 2019.

C2