

Interactive comment on “Quantifying nutrient fluxes in Hyporheic Zones with a new Passive Flux Meter (HPFM)” by Julia Vanessa Kunz et al.

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Please find my general and specific comments within the attached pdf.

I think this work has enormous potential to open an unexplored window of observation, but the manuscript has to be reorganized to convey a clear take-home message. I think that the main work to be done in the revision process is to define the actual scope of the manuscript, i.e., is this a methods paper with strong focus on the technological development? or is this a data-driven paper which presents novel, previously unattainable measurements (with a new technology) that revolutionize our understanding of biogeochemical processing?

Please also note the supplement to this comment:

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<http://www.biogeosciences-discuss.net/bg-2016-334/bg-2016-334-RC2-supplement.pdf>

Interactive comment on Biogeosciences Discuss., doi:10.5194/bg-2016-334, 2016.

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