

Interactive comment on “Regional-scale lateral carbon transport and CO₂ evasion in temperate stream catchments” by Katrin Magin et al.

Anonymous Referee #1

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Please check equation 1. The exponents and coefficients between width and depth are switched. In "Stream Hydraulics" in Raymond et al. (2012) this can be checked. I think the correct formulas would be $w=12.88*Q^{0.42}$ and $d=0.4*Q^{0.29}$. This corresponds to $width=c*Q^d$ and $depth=a*Q^b$. The coefficients and exponents of your equation lead to $depth \gg width$, which seems not realistic.

Interactive comment on Biogeosciences Discuss., doi:10.5194/bg-2017-16, 2017.