

Interactive comment on “Sub-daily variability of suspended sediment fluxes in small mountainous catchments – implications for community-based river monitoring” by C. Duvert et al.

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We wish to thank Reviewer#1 for his consideration of our manuscript and for his thoughtful comments. Points 1 to 10 and points 12 to 15 were validated by Reviewer#1. Each of the specific comments listed in his point 11 will be carefully addressed in the revised version of our paper: the first ten syntax and language errors will be modified accordingly; concerning the last comment:

Reviewer: Page 8251 line 9 – The authors state that "our results provide useful insights..." It would be more useful to actually state what those insights are.

C4748

Response: the sentence (P. 8251 L. 9-13) will be replaced by: "Additionally, our results outline the importance of characterising the sub-daily variability of sediment fluxes, for conveniently assessing the reliability of historical records based on discrete sampling. This methodology will serve as a guideline to calculate annual sediment yields from the 1939-2002 daily SSC values measured by the CONAGUA."

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 7, 8233, 2010.