

Interactive comment on “Dynamics and mechanics of tracer particles” by C. B. Phillips and D. J. Jerolmack

JM Turowski (Editor)

turowski@gfz-potsdam.de

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Dear authors,

the reviewers all give a generally positive account of the manuscript, but also make a large number of comments, most of them of technical nature or to clarify the writing, that need to be addressed.

Both reviewers #2 and #3 comment on the length of the paper and recommend to short it at points, especially in the introduction (#2) and the section on grain sorting (#3). Reviewer #2 also comments on the later section and in my own reading I agree with both of them in (i) that this particular section sits on at the side of the main argument of the paper and does not fit in well, and (ii) that the presented data may not are limited

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at the moment. Also I agree with the authors that this point of often neglected, my recommendation is to remove the relevant section on grain sorting from the current manuscript, to substantiate the data, and publish it separately.

Otherwise, I am looking forward to seeing the suggested alterations in the reply letters and will wait for the revised manuscript.

Jens Turowski

Interactive comment on Earth Surf. Dynam. Discuss., 2, 429, 2014.