

Interactive comment on “Experimental evidences for bifurcation angles control on abandoned channel fill geometry” by Léo Szewczyk et al.

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RH: In this study, the authors design a series of flume experiments to test how bifurcation angle and avulsion processes impact the growth of sand plugs. I find this article well written and well defended, with intuitive illustrations and careful explanations. In particular, Figure 7 stands out as particularly informative and including a remarkable amount of information. I agree with the comments made by previous reviewers, and can find no fundamental flaw with their argument or presentation. Indeed, despite careful scrutiny, I could only identify a small handful of suggested grammatical changes. I recommend publication with these minor modifications.

AR: We thank the reviewer for the nice comment.

C1

Minor comments:

RH: L160: speed should probably be singular, as it relates to “a sandplug”

AR: This will be corrected as suggested.

RH: L326: “Intake plugging”

AR: This will be corrected as suggested.

RH: L337: “As a result”

AR: This will be corrected as suggested.

Interactive comment on Earth Surf. Dynam. Discuss., <https://doi.org/10.5194/esurf-2019-79>, 2020.

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