

Interactive comment on “Experiments on patterns of alluvial cover and bedrock erosion in a meandering channel” by Roberto Fernández et al.

Roberto Fernández et al.

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Thanks for your comment to our paper. Both you and Christian have raised the issue of structure and incomplete methods which we will address in a revised version. We need to revisit the literature you have included in your comment before we can address specific comments/issues you have brought up. Be assured we will address all your comments once we have revisited it.

In our response to Christian, we have included some answers to issues you also raised (for example bed construction). We agree that the use of the terms permanent/transient are an open issue. At some point we were referring to the permanent cover as static but decided to avoid the use of ‘static’ because sediment grains were being transported

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over these patches as well. Persistent is perhaps a better term. Based on your feedback, and discussions we had internally in terms of the different terms, we will include definitions for each term to clarify how we use it in the paper.

Interactive comment on Earth Surf. Dynam. Discuss., <https://doi.org/10.5194/esurf-2019-8>, 2019.

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