

Interactive comment on “Drainage reorganization and divide migration induced by the excavation of the Ebro basin (NE Spain)” by Arnaud Vacherat et al.

V. Vanacker (Editor)

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Dear authors,

We have now received two reviews on your manuscript. They provide useful suggestions for the improvement of your final document.

The most important points are :

- Reviewer#1 and #2 asks for a careful revision of the terminology used in the paper, and more specifically to the use of the terms “endorheic”, “unfilling”, etc.
- Reviewer#1 is concerned about repeated text. The latter concerns – for example -

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the sentences on lines 36-42 and 85-91 that are repeated.

- The organization of the paper needs further attention, and the revised paper needs better separation of methods, results and discussion. This is particularly so for section 3 on “morphometric analyses”. It is not very clear if section 3.1 is based on own research, a literature review, or a combination of both. As suggested by Reviewer#1, try to highlight your own research findings, and discuss them in the context of the literature and the theory (in section 4). Also, section 4 (discussion) contains new analyses on the stream power, that would rather belong in section 3.

- The theoretical background of the chi analyses is based on Perron and Royden (2013), and Mudd et al. (2014). You can refer to the literature to avoid repetition, and resume section 3.2.1.

- Reviewer#2 suggests rewording parts of the introduction, discussion/conclusion to highlight the importance of your study, and its wider implications.

The two reviews give more detailed comments that need to be addressed in your rebuttal.

With kind regards, and good luck with the revisions, Veerle Vanacker

Interactive comment on Earth Surf. Dynam. Discuss., https://doi.org/10.5194/esurf-2017-53, 2017.