

Comments to the author (From Dr. Tom Coulthard):

Thank you for the changes and edits you have made to your paper. I am delighted to inform you that it has been accepted for final publication - subject to 'technical corrections'. This means we would like you to make the three small changes that the AE has suggested in his comments. I would like once again to thank you for your work on the manuscript and I look forward to seeing it published!

Thank you for investing time and effort in reviewing our manuscript and for kind supports on our study. We have revised the manuscript following the comments of Dr. Simon Mudd, which is as below.

Comments to the author (From Dr. Simon Mudd):

I thank the authors for their responses to my comments and I think this paper can be accepted pending some minor technical corrections.

We thank you for your helpful suggestions, comments, and supports on our manuscript.

The line numbers reference the track changes document:

1. **Line 390: "...which all drain to..."**
Thank you for this comment. We have revised it (Line 390).
2. **Line 406 "...that the tectonic uplift rate changes..."**
Thank you for this comment. We have revised it (Line 406).
3. **Line 452: I would say "the migrating knickpoints" instead of "The formers"**
Thank you for this comment. We have revised it (Line 452).
4. **Line 472-480: Thanks for adding this. It is a small bit of text but really helps give guidance for other authors hoping to run inversions.**
Thank you for your comments and suggestions on this point, which really helps to improve our study.