

We thank the editor for handling our manuscript. In the interactive discussion the editor can see point-by-point responses to the reviewer comments and associated changes to the manuscript. Changes to the original manuscript is shown in red font in the revised manuscript. We would like to inform the editor that we have added a newer raw topography dataset (GMTED2010) to the manuscript even though none of the reviewers have asked for it. Early external users of the software have requested this newer dataset. In the results section (Section 3) the differences between GTOPO30 and GMTED2010 are highlighted. Following the reviewer recommendations the simulation experiments on topography smoothing have been removed from the manuscript so Figures 7 and 8 in the original manuscript have been removed. In the revised manuscript Figures 7,8,9 and 10 are new Figures.