

## ***Interactive comment on “Development of an automatic delineation of cliff top and toe on very irregular planform coastlines (CliffMetrics v1.0)” by Andres Payo et al.***

**Andres Payo et al.**

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The authors of this manuscript would like to thank the anonymous referee #1 for his/her review. We have numbered the main comments from the reviewer as shown below: 1. The paper is well written - a few minor edits to sentences would tidy it up a little - and well structured, and the illustrations are useful. 2. For me the text is a little wordy in places - and whilst I applaud the way the discussion is integrated with aspects of the method - I would like to have seen the method completely separated from any discussion etc. and perhaps the inclusion of a flow diagram of the method added. But this may just be a personal view. 3. The only other thing that I wondered about is whether

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there is any thoughts on using a UAV/drone based model as another comparison if appropriate.

The authors' response to each one of the reviewers comment are summarized below. Two versions of the revised manuscript has been submitted together with the response to the reviewers' comments: one version with all changes highlighted using Track-changes and a final version (i.e. all changes accepted) revised manuscript. 1. The whole manuscript has been proof read and sentences has been streamlined when possible. 2. A flow diagram of the method has been added and any discussion on the method section has been re-allocated to the discussion section. 3. The proposed algorithm is sensitive to the resolution of the DEM but agnostic regarding the origin of the DEM. UAV/drone based DEM are therefore also valid sources of DEM. We have stated this explicitly in the discussion section of the revised manuscript.

Please also note the supplement to this comment:

<https://www.geosci-model-dev-discuss.net/gmd-2018-83/gmd-2018-83-AC2-supplement.zip>

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Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2018-83>, 2018.

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