

Response to Topical Editor

Sophie,

Thank you for having taken the time to review our paper and for your suggestions. You have a good eye for detail! I've made all the changes you suggest, and have reworded the sentence at line 276 regarding the tidal signal to improve readability.

A detailed response is provided below in blue.

Kind regards,

Greg

Corrections from Topical editor

- l.133: change "(See ...)" for "(see ..."

done

- Title of 3.3: I would change "3.3 Modifications introduced for RIOPsv2" for "3.3 Modifications of SAM2 introduced for RIOPsv2"

done

- l.276: change "including tidal" for "including tides"

Changed the sentence to read "Satellite altimetry observations contain a variety of signals including those produced by tides"

- l.476: change "minimized" for "minimizes"

done

- l.569: YOPP should be defined the first time it appears in the text and not only at line 717

done