

August 26, 2022

**Dear Editor,**

in the following I would like to present the changes in the manuscript since the last submission. In my annotated pdf, I used blue color for added/moved text and red color, if something – mainly grammar mistakes – are removed.

**Review 1 – (cf. my respond on 30.4.)**

Reviewer 1 gave me a list of 28 small issues – mainly grammar problems. I applied all "proofreading corrections" 1 to 28 with the exception of No 3 into my new version. In No 3, a removing of the brackets would bring a "negative statement within my explanation" and "stop the reading flow". My new solution is another footnote.

I also integrated the suggested literature in my work (pp. 2/3 and p. 4).

**Review 2 – (cf. my respond on 17.6.)**

Reviewer 2 admits the principle value of the text, but he/she was worried, that the article is submitted to the wrong journal or that not enough history is involved. I can see the point, but in an online discussion we agreed on further submission to HGSS.

**Remarks of the editor**

In last contact, I was also asked to move the mascon definition into the introduction, and to add some more words about motivation of the methods and their limitations, which I did. The conclusion was replace by a classification of the mascons into the general modelling.

Best Regards  
Antoni