

Dear Professor Neil Wells

Thank you very much for handling our paper and sending us your constructive comments. The comments are addressed as follows:

Comments to the Author:

lines 87-88 Sentence ambiguous. A contradiction is not argument. Could replace with " This suggests that there is no generally applicable source term. "

The sentence was modified according to the editor's suggestion. Highlighted in lines #87-88 of the revised manuscript

Figure 9 caption line 2

delete "e-h" before" and simulation..."

Fixed. Highlighted in Figure caption.

Figure 11 Colour in lower panels is inconsistent with colour bar below. Where is yellow ?

This comment has also made by reviewer 1 and we responded to it in the previous revision as follows:

*"Lack of yellow color in the lower panel(Westhuysen source terms) is due to the fact that the whitecapping and wind input and consequently the quadruplet terms in Westhuysen approach are scaled based on larger factors that results in larger source terms than Komen(have been mentioned in section 6.1)"*

In plotting the maps for both upper and lower panels, the same codes with the same colorbar and plot configurations have been used and different scaling of the whitecapping formula account for the jump over the yellow color for lower panels. Other types of colorbar show similar pattern as the present Figure 11.

Non-public comments to the Author:

The reviewer has been very helpful in reviewing your paper and I would appreciate an acknowledgement in your paper to the reviewer.

Reviewers have already been appreciated in the last revision that we submitted. Please see highlighted lines in the acknowledgment part in the new submission.

Best Regards

Allahdadi et al