

Response to reviews:

We have revised the manuscript point-by-point according to the reviews.

Comment: The authors have now addressed the comments by the referees. Before final acceptance for publication in ACP, the authors should take care of a few technical issues.

Italiation: all single-letter mathematical symbols should be italicized, including “g” (not done). Units of quantities should not be italicized (see e.g. lines 109 and 315).

Response: We have made all the symbols italicized in the manuscript.

In most places in the text, spaces are missing from between the citations (e.g. line 31). In many places, the space is also missing from the beginning of the citation list (e.g. line 163).

Response: The spaces are added in the text

In many places, Fig. N and Sect. M are not written shorted as they should be (e.g. lines 349 and 370).

Response: We have revised them accordingly .

The format of the reference list should be checked out and corrected. For example, correct ackronyms should be used for journal names (e.g. “Atmos. Chem. Phys.”, not “Atmospheric Chemistry and Physics” or “Atmospheric Chemistry & Physics”). For clarity, I would recommend adding an empty line between each reference in the reference list.

Response: The format of references is double checked and correted accordingly.