

Response to Editor's Comments

- The referee's comments are in blue
- The authors' responses are shown in black

Thanks to both reviewers for their comprehensive reviews, and to the author team for their detailed responses. I have reviewed these and agree that they are sufficient for publication.

The authors of this study sincerely thank you for all the constructive comments that have led to the completion of a much-improved manuscript. Please check the response to your comments below.

I do have one technical query after reading the revised manuscript:

Appendix B:

"Step 1. Generating jpeg file of cloud mask (i.e., cloud mask image)." - surely the use of a lossy compression format could be detrimental to the cloud mask fidelity, right? Or is "jpeg" incorrect here?

Apologies for the confusion. The cloud mask images used in the visual inspection were made in Portable Network Graphic (PNG) format with lossless data compression.

[Old] 'Step 1. Generating jpeg file of cloud mask (i.e., cloud mask image).'

[New] 'Step 1. Generating Portable Network Graphics (PNG) file of cloud mask (i.e., cloud mask image).'

Additional private note (visible to authors and reviewers only):

Thank you author team, this response is great. I would like to clarify the above comment though.

Thank you for the positive comment. Your comment has been addressed above.