

Response to Topical Editor's report on "Understanding the development of systematic errors in the Asian Summer Monsoon" by Gill M. Martin et al.

Topical Editor Decision: Publish subject to minor revisions (review by editor) (23 Dec 2020) by Richard Neale

Comments to the Author:

Hi Gill,

Hope you are well.

So it seems the authors are mostly happy to accept with minor revisions which seems reasonable, so congrats.

It seems there were some concerns regarding the presentation clarity and the organization/description of the experiments. Recommendations for including a more visual flow chart of the experiments and some discussions of the role of resolution were made, so I would encourage you to address these as best as possible.

Best regards

Rich Neale

We thank the Topical Editor for these positive comments. In our first revision we attempted to address the concerns expressed by the reviewers regarding the clarity and organization of the manuscript. This included adding a table summarising the different model configurations, dividing the EASM and Indian Ocean analysis in section 3.3 under separate sub-headings and reordering the figures accordingly, separating the seasonal NWP hindcast analysis into a separate sub-section, and adding a separate sub-section on the role of horizontal resolution. We hope that this was sufficient to improve the clarity but please let us know if further specific changes are required.

We apologise for not previously including a flow chart of the methodology. We have now included this as Figure 16 and referred to it at the start of the Summary section. We hope that this helps to illustrate our approach better.

Best wishes,

Gill