I am reviewing this document for the second round after some major revisions.
The authors rigorously answered the concerns raised by reviewers and the editor and adjusted a lot of the text accordingly highlighting the limitations of the study when stating findings and hence putting it better into context for the reader.

To accommodate for the raised questions they (among other things):
- clarify instability definition for this manuscript and adjust usage of MICI and MISI
- refer more clearly to a global coupled model being used for this study
- involve the MJ2023 reference better throughout the text and give more details within the text on MJ2023 when needed
- include information about the initial state and “reference period” and compare to other publications to put them into perspective
- state limitations of this study throughout the document including the conclusions

I only have comments in regards to spelling and punctuation after the revisions:

l. 56: adjust brackets for citation: “As described in (Mathiot and Jourdain, 2023, hereafter MJ2023)”

grounding line: introduced as GL in additional text in 4.1
However, in the rest of the text it is used as two words. Consider adjusting either section 4.1 or the rest of the document

l.309 After 70years, REV exhibits locations thinner

l. 353 remove comma and space after "In contrast"

6 Conclusions (capital C)