

We would like to thank the Reviewers for their supportive comments and their diligent reading of the revised paper. We appreciate the editorial comments and suggestion which we have incorporated into the updated draft of the manuscript.

### **Reviewer 1**

*The y-axis in Figure 5 is too short, and there is no obvious reason why it should be that short. Could it be doubled? I think that would help the reader.*

This is a good point and the axis has been doubled in size, as suggested.

### **Reviewer 2**

*I would like to express my appreciation to the authors for their efforts in revising the manuscript.*

*I have several comments and suggestions for improvement, including the correction of typos and clarity issues.*

*Comments:*

- *Line 46: Remove the brackets "2021)(Young".*
- *Line 64: Replace "adress" with "address".*
- *Line 103: Replace "reanalyzes" with "reanalyses".*

Above points corrected.

- *Lines 351-354: There are typos such as "relationship" and "postion". Additionally, the sentence "The present dataset extends this result" seems problematic, as "this result" from the previous research is inconclusive. It would be more logical to avoid "extends this result".*

Corrected and updates, as suggested.

- *Line 358: Change "observations of shoreline change" to "observation of shoreline changes".*
- *Line 393: Replace "couter-clockwise" with "counter-clockwise".*
- *Line 399: Replace "avaerage" with "average".*

Above points corrected.

- *Line 419: The sentence "It does, however, have a number of limitations which should be addressed in future research if a comprehensive understanding of the*

*impacts future projected changes in wave climate may have on our coastlines" is unclear. I recommend rephrasing it for better clarity.*

The words "if a comprehensive understanding of the impacts future projected changes in wave climate may have on our coastlines" have been deleted.

- *Line 429: Replace "resoltion" with "resolution".*

Corrected.

- *Line 433: The term "opportunistic" is unclear in its context. It would be beneficial to provide clarification or rephrase the sentence for better understanding.*

Sentence rephrased as: "The present analysis is limited to south-east Australia, as there were high-resolution datasets of long-term changes in waves, storm-surge and shoreline position available for this region."