

Earth Syst. Sci. Data Discuss., referee comment RC1
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Comment on **essd-2022-198**

Amila Sandaruwan Ratnayake (Referee)

Referee comment on "The World Atlas of Last Interglacial Shorelines (Version 1.0)" by Alessio Rovere et al., Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2022-198-RC1>, 2022

The World Atlas of Last Interglacial Shorelines (Version 1.0)

This is an interesting topic and important for the literature. In addition, this is a well-organized study. This makes the data presented here worthy of publication. After addressing below minor typos, this study could be a nice contribution ESSD research community. The data of this study are generally interesting and the study is suitable for the readership of the wider paleoclimate community, especially in PALSEA.

The scientific rationale of this work is elaborated nicely highlighting (i) what is the scientific question you are addressing? (ii) and how you will do it? (iii) why is it important for international readers to care about your manuscript? (iv) what is the novelty of your manuscript? In addition, the authors can add an additional sentence to specifically mention the objective of the study.

"Discussion" is critically discussed. In the Discussion, the author interpreted the results with proper explanation. Results are critically analyzed, and discussion and synthesis parts are also well organized. Argumentation and interpretation of your data are consistent. As a reader, I loved reading your interesting paper.

Specific comments

Line 83: Pedoja et al., 2014. Use a consist format like Pedoja et al. (2014). Consider this comment hereafter such as in line 384, 433, etc.

Lines 113-117: Add an additional sentence to highlight the difference between “Data compilers” and “Database administrators”.

Line 168: It is better to add a coastal geomorphologists as well. I feel that they are a powerful subgroup for shoreline changes.

Lines: 188-189 Use chronological or alphabetical order for the references. Consider this comment hereafter such as lines 425, 438, 442, etc.

Figure 4: Is there any possibility to increase the quality of screenshot in Figure 4?