

Dear Editor,

Thank you for your positive evaluation of our manuscript and for the constructive feedback. We are pleased to hear that our work has been accepted for publication pending minor revisions. Below, we outline the steps we have taken to address your comments.

Comment: Please update the metadata of your data publication by including all ORCIDs of the authors.

Response: We have updated the metadata of the Zenodo data publication to include all ORCIDs of the authors.

Comment: Include in your zenodo data publication a technical readme, a technical description of the dataset, e.g. the content of the technical fields and the abbreviations.

Response: A detailed technical README file has been added to the Zenodo dataset, clarifying the structure and content of the dataset fields and definitions of all technical terms and abbreviations used.

Comment: Check for abbreviations in your main manuscript, the majority of abbreviations is well introduced. In the introduction, please consider to explain GLAD.

Response: We have added an explanation of GLAD (Global Land Analysis and Discovery) in the Introduction to improve clarity.

Comment: Please ensure that the color schemes used in your maps and charts allow readers with colour vision deficiencies to correctly interpret your findings. Please check your figures using the Coblis – Color Blindness Simulator (<https://www.color-blindness.com/coblis-color-blindness-simulator/>) and revise the colour schemes accordingly with the next file upload request. -> Fig. 5, 11

Response: We have checked Figures 5 and 11 using the Coblis Color Blindness Simulator to ensure accessibility for readers with color vision deficiencies.

We confirm that all requested changes have been implemented, and the revised files (manuscript and dataset) are now fully compliant with your recommendations. Please let us know if any further adjustments are needed.

Once again, we sincerely appreciate the time and effort invested by you and the reviewers in evaluating our work.

We look forward to hearing from you soon,

The co-authors