

Responses to Comments Made by Reviewers:

1. Dear authors, Kindly address the 16% similarity issue and ensure proper licensing before we can proceed with reviewer invitation. We kindly ask you to revise your manuscript accordingly and to upload the revised files, a point-by-point reply to the comments, and a marked-up manuscript version showing the changes made no later than 04 Oct 2023 at: <https://editor.copernicus.org/ESSD/review-file-upload/essd-2022-195>.

Thank you very much for your feedbacks. Based on the original manuscript, we conducted a similarity check in the paper database and then made revisions. Attached are the revised complete manuscript and the annotated version. We kindly request the reviewer to carefully review them and provide further suggestions.