

**egusphere-2023-290**

**Reply to editors:**

Please address the below two technical points that raised by the editorial office.

Thank you for your thoughtful feedback on our manuscript. We appreciate your positive comments and would like to express our gratitude for your time and effort in reviewing our work. Below, we provide a point-to-point response to your valuable comments:

1. Figure 9: Please note that single figure panels with their own caption are not allowed in the final version.

We placed the caption under all the panels of this figure.

2. It seems that table is included as figure #6. If it is so, it must be re-labelled as table and the references in the manuscript text must be adjusted accordingly.

We relabeled figure #6 as table #2 and the references in the manuscript text have been appropriately updated to align with this change.