

Dear Editor Dr. Tao Che,

Thank you very much for your comment. According to the peer-review comments, Reviewer 1 (<https://essd.copernicus.org/preprints/essd-2021-255/#discussion>) suggested that adding a schematic of grounding zone will show the grounding zone structure more clearly, from a point of view as a reader. Therefore, after serious consideration and discussion with the team, we decided to add back this figure in the introduction as suggested by the reviewer. We also feel that this would be a good reference point to the readers to better understand the presented methodology and results in this paper. Therefore, we have included the figure as requested by the reviewer.

Yours Sincerely,

Tian Li and co-authors