Response to editor comments on Revision 3 of egusphere-2023-2687

The authors would like to thank the topic editor for time and effort for reviewing and improving this manuscript.

Topic editor

Dear authors,

Thank you for the effort to amend the manuscript. I consider that the manuscript has been significantly improved and is appropriate for publication.

Please, submit a new version of the manuscript that includes the word "Mean" in the correct place in Table 7 and in the first table of the supplementary material. Best wishes,

Maria

<u>Authors' response</u>: These corrections have been implemented as requested by the topic editor.

Notification to the authors by Sarah Buchmann

I just noticed that your figure 1 contains a map/aerial. To clarify whether a copyright statement or a credit must be given in the map itself or in the caption, we differentiate between (a) maps entirely created by you, (b) maps created by you but based on layers reused from other originators, or (c) maps simply reused from other originators. An example for (a) is a digital elevation model (DEM) purely based on measurement points collected by you and derived by using a software product. If you use an existing map layer from another originator as a basis for significantly enriching the map with your own content, this would be an example for case (b). Case (c) could be a pure reproduction of Google Maps where your own contribution is rather small (e.g. a city map where you only added a few marks for your study locations). If the map was entirely created by you (case a), there is no need to change the caption or map. Please simply inform us. To the contrary, if your map follows cases (b) or (c), please let us know whether the map is distributed under public domain. If yes, please do not include a copyright statement (copyright is waived) but consider adding a credit to the map or caption. However, if your map follows cases (b) or (c) and is not distributed under public domain, please include at least a credit or even a copyright statement (e.g. © Google Maps), if this is required by the map provider, in the map itself or in the caption.

<u>Authors' response</u>: thanks for your information. The necessary information was added within the map.