

Dear Dr. Laurent Pfister,

there are two minor changes I would like to make to the manuscript that require your approval.

The first one is about the distance between the site and the weather station at the IGB. I was told by technical staff that the weather station was roughly 50 m away, but in the text I accidentally wrote 15 m. After checking the distance on google maps, I would like to change the statement of 15 m to 100 m. Please see figure 1 for comparison.



Figure 1: Google maps section showing the weather station at IGB and the study site, both highlighted with a red circle.

The second change I would like to make is about the isotopic standards we used for $\delta^2\text{H}$. In the text the values are “72.83 ‰, -55.86 ‰ or 16.74 ‰” for $\delta^2\text{H}$ and I found the minus of 72.83‰ to be missing here. So, I would like to update the standards to “-72.83 ‰, -55.86 ‰ or 16.74 ‰” for $\delta^2\text{H}$. Considering the standards for $\delta^{18}\text{O}$ being “-10.41 ‰, -7.66 ‰ or 1.45 ‰” the minus is plausible as the according water sample will have the isotopic composition of -72.83‰ for $\delta^2\text{H}$ and -10.41‰ for $\delta^{18}\text{O}$.

Thank you very much for reviewing these two requests.

Best regards

Jessica Landgraf on behalf of all coauthors