

Author's Response – Publication Submission

Reply to Editor

Dear Authors,

I am pleased to recommend publication subject to two minor technical corrections that the Reviewer has noted, please could you address this in your revised manuscript (see below).

Best wishes,

Martin De Kauwe

The Author's thank the editor for his recommendation to publish the manuscript. We have completed the minor corrections the reviewer suggested. We also corrected the Helbig et al. 2013 reference in lines 505 - 508 where the superscripts for the carbon isotopes in the title were not correct as well as removed the space at line 512.

Reply to Reviewer

"The manuscript reads well and my concerns on previous versions have been addressed. I did notice that while the legend on Figures 6 and 7 now include separate symbols for high water table and low water table in 2018, the low water table symbol (blue diamond) does not appear in panels g, h, and i of Figure 6 and does not appear at all in Figure 7. This seems like a mistake in the plots because low water table is defined as below 35 cm and water tables below that level do appear in Figure 7 but are marked with blue circles instead of diamonds.

The authors have made the minor corrections to the figures and thank the reviewer for their comment.

Also, Figure 3 has a "Plot Area" box on it that appears to be an artifact from the plotting program."

The "plot area" box was removed from the figure accordingly.