

We thank the editor and reviewers for evaluation of our revised manuscript.

We performed all necessary corrections.

Following remark of Mario Ebel, we combined two panels with separate captions of Figure 1 into one single figure and figure caption.

On page 23 of the updated manuscript the authors suddenly start using DOM in addition to DOC. The initialism isn't defined and it's unclear if they intend for a distinction between the two.

Thanks for catching this; no we did not intend to distinguish between DOC and DOM in this context. We therefore changed to DOC for more conventional way of presenting the dissolved organic carbon.

I found it a bit unorthodox to include interpretive limitation as part of the image in Figure 7. This is fine but this text might be better in the caption, or limited to just lines 2-3 which contextualize the legend symbols. Not a must change, but a light suggestion.

We agree and removed this sub-panel of interpretive limitation from the main figure: this information is already provided in the text and partially in the caption.