

The minor revisions have been undertaken. We hope that the manuscript can finally be published without any further delay.

Dear authors,

Thank you for your revised manuscript. Before publication, please address all comments, specifically:

1) Please include the description of why coordination numbers don't exist for some samples in the caption for Table 1, as described in the Author's Response.

A statement has been added ... "and has only been calculated for specific samples."

2) Please upload the new version of the Supplement document. The current document appears to be an old version as it does not include the three new supplementary figures.

The new supplementary data has again been added to website. This new supplementary document has links to Supplementary Figures 4-6. These are movies that conform to Copernicus Publications uploading instructions.

You should note that these are not figures sensu stricto, but instead are movies. These movies or figures can only be activated by opening the Hyperlink. Details of the Hyperlink are provided in the supplementary document.

3) Please address the prior comments about Figure 4: Fix the lines in the legends in panels (d) and (e) or clarify why they are not straight; Additionally, ensure that the legend colors match the line colors in panel (e), and move the y-axis title for panel (e) out of panel (d) and next to the y-axis of panel (e).

Original lines in legend were straightened. Colours do match in panel (e). The y-axis title has been moved to align with axis in (e).

All the best,  
Kaitlin