

Dear Tina,

I changed the manuscript according to your suggestions and clarified the respective issues.

For figure 2 I added the explanation for the absence of nitrate values in the caption and removed the text from the figure proper. You will see that also some of the red indications F and SM behind the core names changed. Apparently, the last version of the figure was not included.

I also changed the reference to the Janus website. This is a bit complicated. If I put the link to the dataset itself, the URL takes three lines and I am afraid it gets broken if there are some minor changes to the programming of the database access. Therefore, I used the URL of the search engine to the porewater (interstitial water) data of all IODP cores. To get the data, the filter function should be fed with the cruise number (IODP 336). I indicated this in the text.

I also changed the URL to the dataset behind this publication. It referred to a subset of the data, now it refers to the entire dataset.

Finally, for Figure 4 I still have four separate files. I think that if I combine them to one file, the combined figure becomes unreadable. I hope that is OK.

Best wishes and thanks,

Gerard