



# ***Interactive comment on “Rapid and sustained environmental responses to global warming: The Paleocene–Eocene Thermal Maximum in the eastern North Sea” by Ella W. Stokke et al.***

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Firstly, we would like to thank you for reading through our paper so thoroughly and providing constructive feedback. The PETM is a topic of much interest and research, with new papers being published continuously. We agree that it is very important to give credit to the original ideas, and see that we perhaps in some instances have been careless in this regard. Still, this is a research paper, not a review paper, and there is a limit to how many papers are sensible to include. Much has happened in development of both ideas and technology for the last 30 years. Sometimes it will be more relevant for the present study to cite the recent and more advanced research rather than purely

the original ideas. We have still made most of the changes in references you have suggested.

CPD

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Reply to the minor suggestions:

Figure 3: Yes, that is correct. They are informal units, as also mentioned in the text in section 2.

Interactive comment

Line 678: Following the suggestions of the reviewers, we have decided to remove Ba and P2O5 from the paper.

Reference list: Many thanks for your thorough review. We have made corrections in the reference list.

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Interactive comment on Clim. Past Discuss., <https://doi.org/10.5194/cp-2020-150>, 2020.

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Discussion paper