

## ***Interactive comment on “Isotope fractionation between dissolved and suspended particulate Fe in the oxic and anoxic water column of the Baltic Sea” by M. Staubwasser et al.***

**M. Staubwasser et al.**

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Reply to Frank Poitrasson

We thank Dr Poitrasson for his helpful review of our manuscript. Dr Poitrasson raises a number of issues that we would categorize as follows: 1) lack of general information on Baltic Sea hydrography and particle flux; 2) concerns related to the general redox structure of the Eastern Gotland Basin (in comparison to the Black Sea and Norwegian Fjords); 3) the sources of Fe; 4) the distribution of Fe<sup>2+</sup> and Fe<sup>3+</sup>; and 5) analytical issues regarding reproducibility and blanks. There are additional specific comments.

Please find our detailed response in the attached file.

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Please also note the supplement to this comment:

<http://www.biogeosciences-discuss.net/9/C2732/2012/bgd-9-C2732-2012-supplement.pdf>

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Interactive comment on Biogeosciences Discuss., 9, 4793, 2012.

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