

Interactive comment on “Reconciling surface ocean productivity, export fluxes and sediment composition in a global biogeochemical ocean model” by M. Gehlen et al.

M. Gehlen et al.

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Referee #3

In point 1 the referee criticizes the lack of objective, quantitative approaches to analyse the model output - data comparison. This weakness was also put forward by J. Sarmiento and we acknowledge it. Following Referee #3, we will take into account Andersson et al. (2004) in our model evaluation. Doing so and taking into account J. Sarmiento's recommendation will improve the paper by making it overall more quantitative.

Point 2, suggests that the discussion is biased towards the ballast type parameterisation. This was by no way our intention and does not correspond to our appreciation of

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the results of this study. If the referee got this impression, then the text needs to be rephrased carefully. This will be done during our revision of the manuscript.

Interactive comment on Biogeosciences Discuss., 3, 803, 2006.

BGD

3, S430–S431, 2006

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