

## ***Interactive comment on “A multiproxy approach to understanding the “enhanced” flux of organic matter through the oxygen deficient waters of the Arabian Sea” by R. G. Keil et al.***

### **Anonymous Referee #2**

Received and published: 25 November 2015

The present manuscript aims to study mechanisms controlling the organic matter flux through the Oxygen Deficient Zone (ODZ) in the Arabian Sea. The approach is complex but the explanations are relevant and on average well described. However, three points need a clarification:

- the assumptions in the discussion section : some of them have been tested and measured for the manuscript but some of them are just assumed.
- the methodology of sediment trap collection: trap samples preservation and swimmers presence are not evoked here and this can raise an issue on the data quality
- minerals and ballast effect should be minimized. Also a consideration on TEP impact

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on particle export should be also mentioned in the discussion section.

Please also note the supplement to this comment:

<http://www.biogeosciences-discuss.net/12/C7940/2015/bgd-12-C7940-2015-supplement.pdf>

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Interactive comment on Biogeosciences Discuss., 12, 17051, 2015.