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Biogeosciences Discussions



# *Interactive comment on* "Impacts of hypoxia on the structure and processes in the pelagic community (zooplankton, macro-invertebrates and fish)" *by* W. Ekau et al.

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Reviewer #2 considers that the ms addresses an important gap in ocean system sciences by focussing on low oxygen as a forcing factor for pelagic species. Regarding comment 3 we will seek to improve the revised version by focussing on new domains such as the linkage between physiology and ecology, temperature and hypoxia tolerance and economic aspects. Comment 7: We will provide additional references. Comment 9: Similar to review 3 we intend to interlink and integrate the different chapters in a more concise way during the revision.

Comment 11: The text will be checked by a native English speaker.

Similar to reviewer 3 the case studies are valued as too descriptive and we will strengthen by a more extensive and comparative approach to derive general conclusions from the different case studies. This includes the more concise discussion of interrelationships between physiological, ecological and economic results. A detailed description of the Benguela system including currents and ventilation fluxes , seasonal and interannual variability is extensively discussed in the paper by Monteiro et al, but we will try to involve the main features of the system in the revised manuscript.

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Interactive comment on Biogeosciences Discuss., 6, 5073, 2009.