

Interactive comment on “Coastal hypoxia and sediment biogeochemistry” by J. J. Middelburg and L. A. Levin

J. Middelburg

j.middelburg@nioo.knaw.nl

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We thank George Luther for his constructive evaluation and for highlighting the key issues of our paper. Basically we were aware of the minor issues raised and we will accommodate his remarks and we will also include most of the references mentioned.

George Luther suggested including interactions between reduced sulfur compounds and organic matter because organic-sulfur formation may contribute to the observed enhanced preservation of organic matter in anoxic sediments. We agree and will therefore modify the text accordingly and will include some relevant references.

George Luther also suggested covering more explicitly the role of catalytic manganese and iron cycles at redox interfaces and their importance to the oxidation of sulfide. We

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will reformulate the text to include this and the suggested references.

Finally, George Luther would like us to mention the link between harmful algal blooms and benthic-pelagic coupling. We will do so and include the suggested reference.

Jack Middelburg and Lisa Levin

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