

## ***Interactive comment on* “Structure of mass and momentum fields over a model aggregation of benthic filter feeders” by J. P. Crimaldi et al.**

**J. P. Crimaldi et al.**

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I would like to thank Dr. Jumars for his technical comments, and, in particular, for an extremely thorough edit of the original manuscript. In the revised manuscript, I have incorporated almost all of the suggested grammatical and stylistic edits, and the manuscript is improved as a result.

Regarding the three specific comments made by this referee:

- (1) Discussion of the recent work by Widdows and Navarro (2007), was incorporated into the revised manuscript.
- (2) The referee commented on the spatial variability of incurrent and excurrent velocities in the model clam plates. The manuscript was modified to explain that the average deviation of excurrent vertical velocities was approximately 25% of the mean. Further-

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more, an LDV survey of vertical velocities revealed no measurable pattern to these variations, despite the text in the original manuscript that suggested otherwise.

(3) The suggestions regarding likely targets for future research have been added to the discussion.

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Interactive comment on Biogeosciences Discuss., 4, 493, 2007.

**BGD**

4, S344–S345, 2007

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