

***Interactive comment on* “The multifractal structure of satellite sea surface temperature maps can be used to obtain global maps of streamlines” by A. Turiel et al.**

B. Barnier (Editor)

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Dear Dr. Turiel,

We now have two reviews of your manuscript.

Both referees find that the techniques to obtain information on surface velocities from SST satellite images that you expose in the paper are interesting, and that they would deserve to be published in an oceanographic journal.

However, both referees have raised important critics regarding the paper, and do not recommend acceptance of the paper without major revisions. Their interactive com-

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ments clearly expose their critics and provide realistic directions of improvements. Consequently, I invite you to prepare and submit a revised version. Please submit a list of changes or a rebuttal against each point which has been raised by the reviewers when you submit the revised manuscript, (as you started to do in the open discussion). You should give great attention to comments 4&6 or referee #1 and comment 3 of referee #2 (this latter point requires additional calculation). Evidencing the original part of the work, and improving the quantitative aspects of the results presented are specific concerns of the review that will need certainly to be addressed.

I received your request to extend the open discussion for a couple of weeks. I understand your wish to use the open discussion to communicate with Referee #2, the review of whom arrived late. However, since both referees are asking for major revisions, and that their critics are exposed in a clear way in their comments, I think that there are enough information to concentrate now on the revision of the manuscript.

Très cordialement

Interactive comment on Ocean Sci. Discuss., 6, 129, 2009.

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