

## ***Interactive comment on “Carbon accumulation rates in salt marsh sediments suggest high carbon storage capacity” by X. Ouyang and S. Y. Lee***

**Anonymous Referee #1**

Received and published: 26 December 2013

Manuscript Number: bg-2013-553 Title: Carbon accumulation rates in salt marsh sediments suggest high carbon storage capacity.

The subject of this manuscript falls within the general scope of Biogeosciences. The manuscript is an original contribution to the ecosystems services offered by salt marshes, specifically to their capacity of carbon accumulation in a scenario of global warming. The interpretations and conclusions are justified by the results. Thus, I recommend the publication of this manuscript in Biogeosciences after minor revisions.

Keywords should be in alphabetical order.

Results and discussion

Page 8, lines 16-17: Sediment salinity changes also with latitude and it is one of the  
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main environmental factors conditioning primary productivity. I think you should cite it here and discuss salinity influences on CAR.

I have not properly corrected the English writing since it is not my native language.

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Interactive comment on Biogeosciences Discuss., 10, 19155, 2013.