Response to Reviewer Adam Switzer on "Late Holocene evolution of a coupled, mud-dominated delta plain–chenier plain system, coastal Louisiana, USA " *by M.P. Hijma et al.*

Marc P. Hijma o*n behalf of* **Zhixiong Shen, Torbjörn E. Törnqvist, Barbara Mauz**

We value the comments of Adam Switzer. His main remark, in line with those from the other reviewers, is to highlight the broader implications of the work much better. We agree that this is necessary. Our response below, in underlined italics, is identical to the response to the comments of the other referees on this issue.

This paper is almost suitable for publication after minor revisions however the abstract and introduction both need a bit more bite in terms of why people working elsewhere should care to read and cite this paper. What I would like to see is that the work is placed in a context of some bigger questions. What can we learn from this system that can be applied in other similar systems globally? The work is a little Americo-centric so it would be good to add more international context. What can we glean from this improved understanding for working in similar muddy deltaic systems elsewhere? This should only take a few lines in the introduction and discussion and some additional global references.

Both at the end of the abstract and the introduction we now highlight the broader implications of this study. In addition, we have added a paragraph in our discussion of the implications for coastal restoration that stresses the importance of using work like we presented here to improve numerical models since these latter will become increasingly important, also globally, in order to save delta from drowning due to sediment mismanagement and relative sea-level rise. Sentences of similar content have been added to the conclusions.