

Interactive comment on “What is the importance of climate model bias when projecting the impacts of climate change on land surface processes?” by M. Liu et al.

Anonymous Referee #1

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This manuscript is very well written and is easy to follow, and it is a publishable study with some revisions. I have some specific comments:

- 1) I suggest that the authors should more clearly describe the bias-correction method used in this study (e.g., list the regression equations).
- 2) The authors correct only temperature and precipitation, and they assume that the other forcing variables don't have a significant impact on their simulations. Thus, they need to justify this in a revised version.
- 3) In the results part (Section 3), the authors give the numbers of the changes in the hydrological and biogeochemical variables under the change of climate. If the physical

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processes behind these changes are described, this study will be more solid.

Interactive comment on Biogeosciences Discuss., 10, 17145, 2013.