**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**

Received and published: 30 January 2014

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

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