

***Interactive comment on “Assessing the impacts of 1.5 °C global warming – simulation protocol of the Inter-Sectoral Impact Model Intercomparison Project (ISIMIP2b)” by Katja Frieler et al.***

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Received and published: 14 June 2017

Dear All,

I suggest to publish the manuscript almost as it is. It is a good paper, well written. The method explained is solid and fits to the purpose.

There are a few minor issues:

the paper is very detailed. There is a lot of repetition of the simulations design. It is listed in many sections.

on page 4 in the middle paragraph it says that the data from ISIMIP2a will eventually

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be publicly available. In order to help the community in this kind of studies and for trust building - they should be made publicly available. Otherwise it is not possible for outsiders to judge on the quality of all follow up and proposed simulation results.

At the end, the paper is too detailed and hard to read.

In chapter 3 it is unclear if the chosen GCMs are representative for a spread on possibilities. How do they compare to the full set of CMIP5 simulations.

What is the role of the bias correction (which by the way should be named bias- adjustment, since the bias will only be reduced but not corrected!!!) on the final results?

Since all impact models are so different and the input sets are also very different, I did not understand, how comparable the final results will be.

best regards

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Interactive comment on Geosci. Model Dev. Discuss., https://doi.org/10.5194/gmd-2016-229, 2016.