

Interactive comment on “Evaluation and Comparison among Multiple Forcing Data Sets for Precipitation and Shortwave Radiation over Mainland China” by Fan Yang et al.

Anonymous Referee #2

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GLDAS, CLDAS and CMFD are the main forcing data over mainland China developed by different agencies. They can provide precipitation and shortwave radiation, which play important roles in climatic, hydrological and biogeochemical cycles. The correct evaluation and comparison between these dataset can help users to select the forcing data over mainland China. However, we can't see an objective evaluation among the three dataset because of the two concerns:

(1) The data used to evaluate the GLDAS, CLDAS and CMFD is not independent at all. This may lead to some mistake results. Actually, if you want to do an objective evaluation, independent data source is absolutely essential;

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- (2) The authors are not familiar with the techniques used to develop the GLDAS, CLDAS and CMFD. It can be seen from the wrong references cited by the authors. The author should correct these mistakes in the future;
- (3) The title "Evaluation and Comparison.". Some times, the Evaluation is included the Comparison;
- (4) It is hard to determine which dataset is better than others if only judging from some traditional statistical metrics.

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