Open Access

Earth System
Science
Data

Discussions

Interactive comment on "WFDEI-GEM-CaPA: A 38-year High-Resolution Meteorological Forcing Data Set for Land Surface Modeling in North America" *by* Zilefac Elvis Asong et al.

Anonymous Referee #1

Received and published: 7 November 2018

This study developed a dataset by combining different datasets and bias correction method. Providing long-term dataset with high resolution is essential for land surface model; therefore, the dataset from this study is very important. The authors preliminarily validated the dataset in a watershed by comparing monthly and annual mean values. However, more detailed evaluation is necessary. First, similar validation for either monthly or annual means should be carried out for different regions with variable climatology. Second, the spatial pattern should be validated for those regions and periods with observations. Only with these validations, the reliability of the dataset can be concluded.

C1