

Interactive comment on “A combined Terra and Aqua MODIS land surface temperature and meteorological station data product for China from 2003–2017” by Bing Zhao et al.

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Land surface temperature is a very important geophysical parameter, which is a key parameter of climate change models such as weather forecast, high temperature and drought, low temperature chilling damage, heat island effect, and estimated grain production. How to obtain regional and global surface temperature more accurately is a very important study. Satellite products are greatly affected by clouds. We need to use ground fusion ground observation site data. We think researchers from different regions should work together because local researchers can better understand the local situation, and only they can obtain more local data (especially more ground observation

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site data) and know how to better improve the accuracy.

They need to do further analysis of spatiotemporal changes for understanding climate change from different scales, because the local researchers can better use their prior knowledge to verify the analysis of the research results and get more reasonable results. In order to get a more accurate global temperature product, researchers from different regions of the world need to work together to complete this work.

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