

Earth Syst. Sci. Data Discuss., referee comment RC2  
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## Comment on **essd-2021-7**

Anonymous Referee #2

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Referee comment on "The 30□m annual land cover dataset and its dynamics in China from 1990 to 2019" by Jie Yang and Xin Huang, Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2021-7-RC2>, 2021

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The manuscript named "30 m annual land cover and its dynamics in China from 1990 to 2019" proposed a multi-year land cover dataset derived from Landsat and SRTM DEM data by using a supervised classification method. Accuracy estimation showed the superiorities of the data. The manuscript was clearly written with a logical order that is easy to follow. I believe this manuscript can be considered to publish after some minor revision. Only some minor comments listed as below:

- "GloLand30" should be "GlobeLand30"
- "FROM\_GLC" or "FROM-GLC"?
- References or an ablation experiment may be good for the proposed spatial-temporal filtering.