

Geosci. Model Dev. Discuss., author comment AC1  
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## Reply on CEC1

Lingcheng Li et al.

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Author comment on "Spatial heterogeneity effects on land surface modeling of water and energy partitioning" by Lingcheng Li et al., Geosci. Model Dev. Discuss.,  
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Dear Editor,

Thanks for reminding us regarding the Code and Data Policy. First, we updated the data links with ";" issue, and these links should be right now. We also archived our model and data into the Zendo (<https://doi.org/10.5281/zenodo.6484857>). The *Code and Data Availability* will be updated in the modified manuscript.

*Code and Data Availability.* The source code of ELMv1 is available from <https://github.com/E3SM-Project/E3SM> (last access: September 2020); NLDAS-2 forcing is available from <https://ldas.gsfc.nasa.gov/nldas/v2/forcing>. SOIL and TOPO related datasets are downloaded from <https://svn-ccsm-inputdata.cgd.ucar.edu/trunk/inputdata/Ind/clm2/rawdata/>. LULC related datasets are from Ke et al. (2012); ERA5-Land reanalysis is available from: <https://cds.climate.copernicus.eu/cdsapp#!/dataset/reanalysis-era5-land-monthly-means?tab=overview>. The exact version of ELM source code and surface data (e.g., SOIL, TOPO, LULC) used in this study are archived on Zenodo (<https://doi.org/10.5281/zenodo.6484857>)