Reply on CEC1

Lingcheng Li et al.

Author comment on "Spatial heterogeneity effects on land surface modeling of water and energy partitioning" by Lingcheng Li et al., Geosci. Model Dev. Discuss., https://doi.org/10.5194/gmd-2022-4-AC1, 2022

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/lnd/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)