**Grant Number**: N/A

**Sponsor:** Newton Fund CSSP China

**Project title**: Linkages of Land Evaporation and East Asian Summer Monsoon Rainfall Biases

The following files have been archived:

|  |  |
| --- | --- |
| **File name** | **File description (Short description of content, sample size, format, any linking between different types of data, i.e. survey and interviews/focus groups)** |
| pentad\_clim\_interp\_dryland.nc | NetCDF file containing climatological-mean data from an idealised model simulation in which there is no evaporation over land.The simulation was performed using the Isca climate modelling framework: <https://github.com/ExeClim/Isca> Data covers the full globe and has 20 vertical levels and a spatial resolution of ~2.8 degrees. |
| pentad\_clim\_interp\_bucket.nc | NetCDF file containing climatological-mean data from an idealised model simulation in which land behaves as buckets, which may evaporate water until empty, and be refilled by rainfall.Model used and spatial coverage are as above. |
| pentad\_clim\_interp\_oceanland.nc | NetCDF file containing climatological-mean data from an idealised model simulation in which there is no limit on the supply of water for evaporation over land.Model used and spatial coverage are as above. |

**Publications**: (based on this data, if any)

Geen, R., Pietschnig, M., Agrawal, S., Dipanjan, D., Lambert, F. H. and Vallis, G. K. (2022). Linkages of Land Evaporation and East Asian Summer Monsoon Rainfall Biases. *Submitted to Adv. Atmos. Sci.*