

Merge multiple netCDF-4 files

It is possible to create a merged netCDF-4 files and use it for mosaic dataset input.

Step-by-step guide

1. Subset variable and store it as a small netCDF-4 file.
2. Use NCO nccat to merge nc4 files.
3. Use python to adjust time dimension.



File names for small files should have a pattern like t001.nc, t002.nc, ..., t365.nc to merge in sequence.

Related articles

- [Build Multi-dimensional Information](#)
- [Publish ArcGIS Mosaic Dataset Image Service with Server](#)
- [Create Mosaic Dataset using NETCDF](#)
- [Create input table for mosaic dataset](#)
- [Merge multiple netCDF-4 files](#)

References

1. <https://git.earthdata.nasa.gov/projects/SDT/repos/systematic-data-transformation/browse/src/mop03tm2nc4>