

GeoTIFF conversion of "SHIKISAI product" by format conversion tool

- Introducing how to convert HDF5 "SHIKISAI image" obtained from G-Portal to GeoTIFF with a format conversion tool that can be downloaded from the tools/documents site of G-portal.

The 2D SD array in Image_data of the HDF5 file is projected to the latitude / longitude coordinates and converted to GeoTIFF.

The products that can be converted at present are as follows.

L1B VNR, POL, IRS

L2 NWLR, IWPR, SST, LTOA(01D), RSRF(01D), LST(01D), CLFG(01D)

1) Launch FormatConversionTool.exe

After installing the format conversion tool, double-click "FormatConversionTool.exe" on the desktop to start it.

Click to select the folder for the input files.

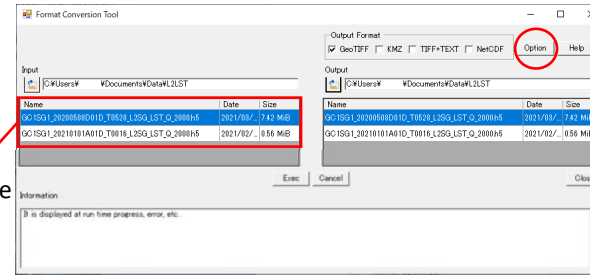


Click to select the output folder.

main window

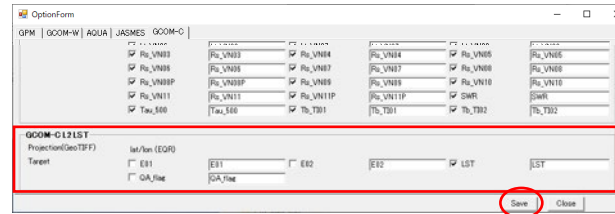
2) Output SD array selection

Click "Option" in the red circle in the figure on the right, and then click the "GCOM-C" tab on the "Option Form" window.

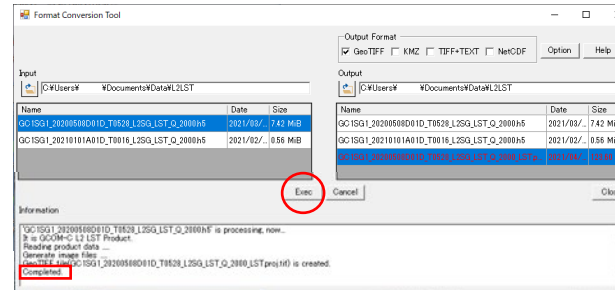


Multiple selections can be made by holding down the "Ctrl" key and clicking.

By default, all SD array names are checked. Uncheck the SD array name other than the SD array name you want to convert to GeoTIFF, and click the "Save" button at the bottom.



Click the "Exec" button to start the conversion. When the conversion is complete, you will see "Completed." In the "Information" box at the bottom.



Processing time (reference)

Windows10 i5-1.6GHz

- Scene : About 3 minutes (1SD array)
- Tile : About 1 minutes (1SD array)

< Example of displaying GeoTIFF after L2-LST tile conversion in QGIS >

