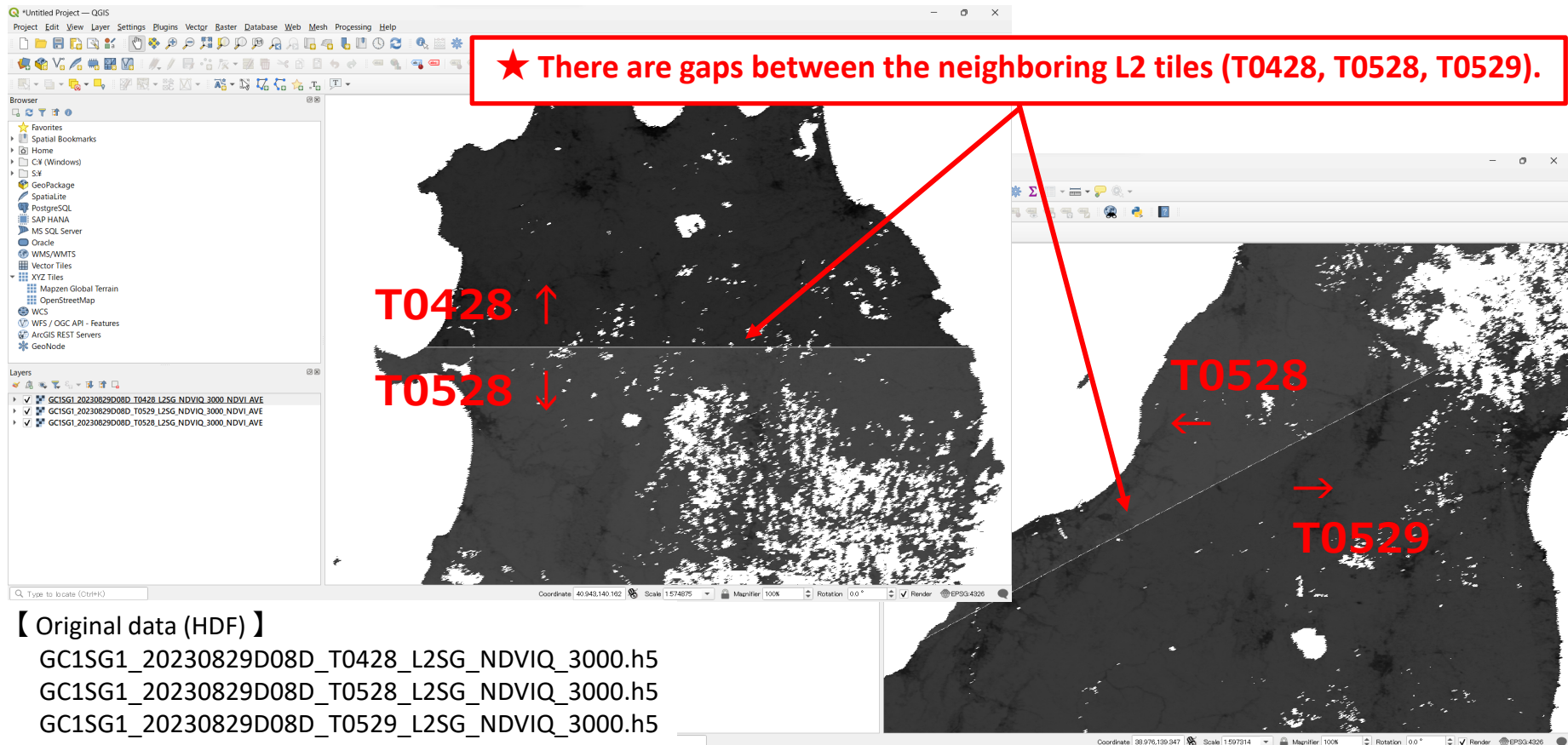


To display the neighboring L2 tiles converted to GeoTIFF without gaps

【 Content 】

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- When displaying neighboring L2 tiles converted to GeoTIFF using the "[SGLI Map projection & GeoTIFF conversion Tool](#)" provided via G-Portal, gaps may be observed between adjacent tiles.



【 Cause 】

- When converting L2 tiles to GeoTIFF for mosaicking and displaying neighboring tiles without gaps, it is necessary to set the resampling option.
- The default resampling method (no option specified) in the "[SGLI Map projection & GeoTIFF conversion Tool](#)" is **BL (Bi-Linear)**.
- When L2 tiles are converted to GeoTIFF using Bi-Linear (the default setting), pixels along the tile edges may become invalid, which can cause gaps at tile boundaries when neighboring tiles are mosaicked and displayed.
- Therefore, to display neighboring L2 tiles converted to GeoTIFF without gaps, **specify the resampling option NN (Nearest Neighbor) during conversion.**

Note:

When the L2-tiles are processed with the resampling option of BL as the default, the pixels on the edges of the tiles will possibly be invalid. It may cause gaps in the tile boundaries if the output imageries on neighboring tiles are mosaicked. To prevent the gaps, select NN for the resampling option.

*) Excerpt from User's Manual

- Commands and display examples using this tool are shown on the next page.

【 Command example 】

```
$ SGLI_geo_map_win.exe GC1SG1_20230829D08D_T0528_L2SG_NDVIQ_3000.h5 -d
Image_data/NDVI_AVE -r 0
```

Option setting
(resampling)

-r RESAMPLING

Select the resampling method from NN, BL, or CC with a number specified at RESAMPLING. The definitions of numbers are as follows:

0 = NN 1 = BL, and 2 = CC.

The default is NN for flag datasets and is BL for others. Select NN for L2-tile products to prevent the gaps on the edge of tiles especially if the output imageries on neighboring tiles will be mosaicked.

【 Display example 】

