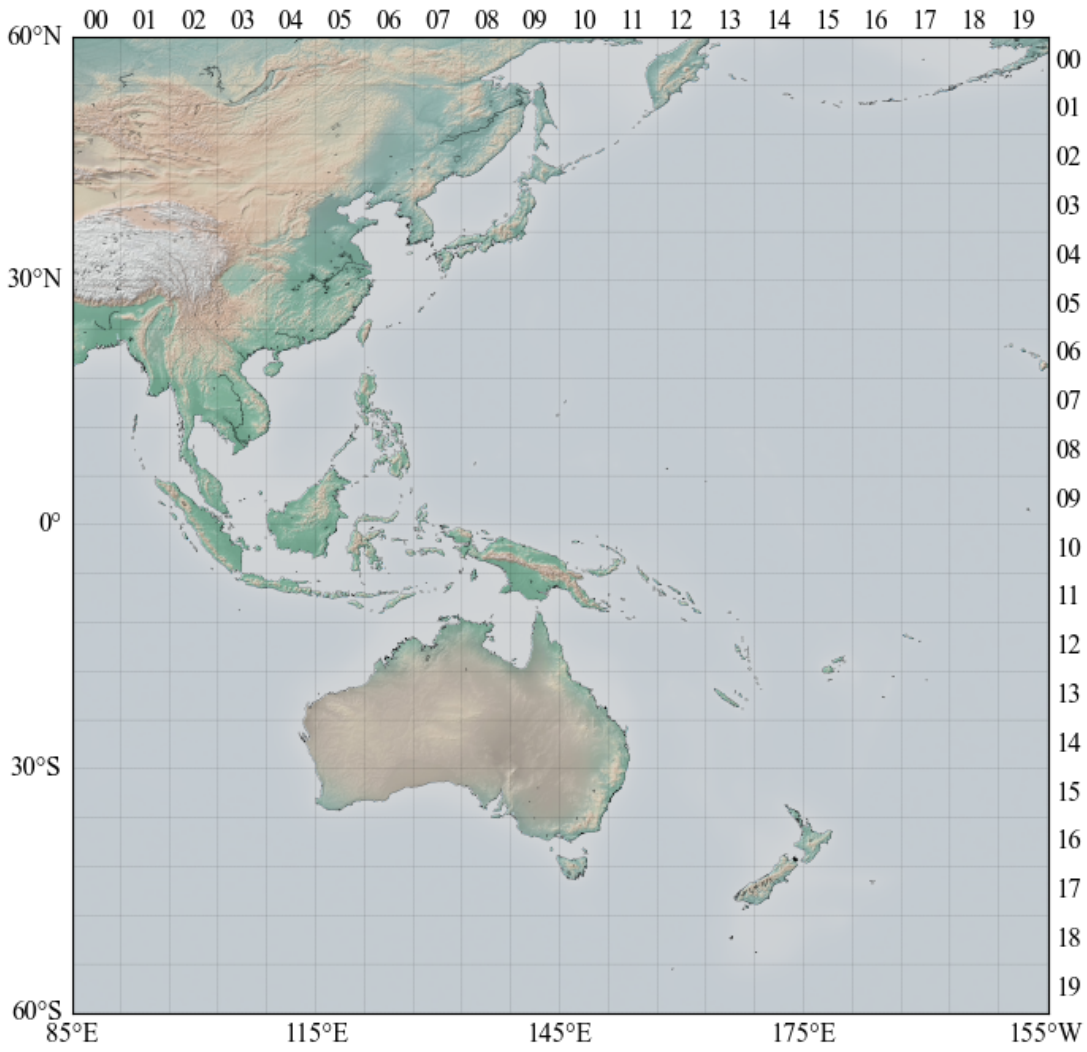


Tile Number of Surface Reflectance.

Tile Size: 6° x 6°

Naming rule: H8_{datetime }_h{xx}v{xx}_LSR.nc

e.g. H8_202301010000_h08v04_LSR.nc

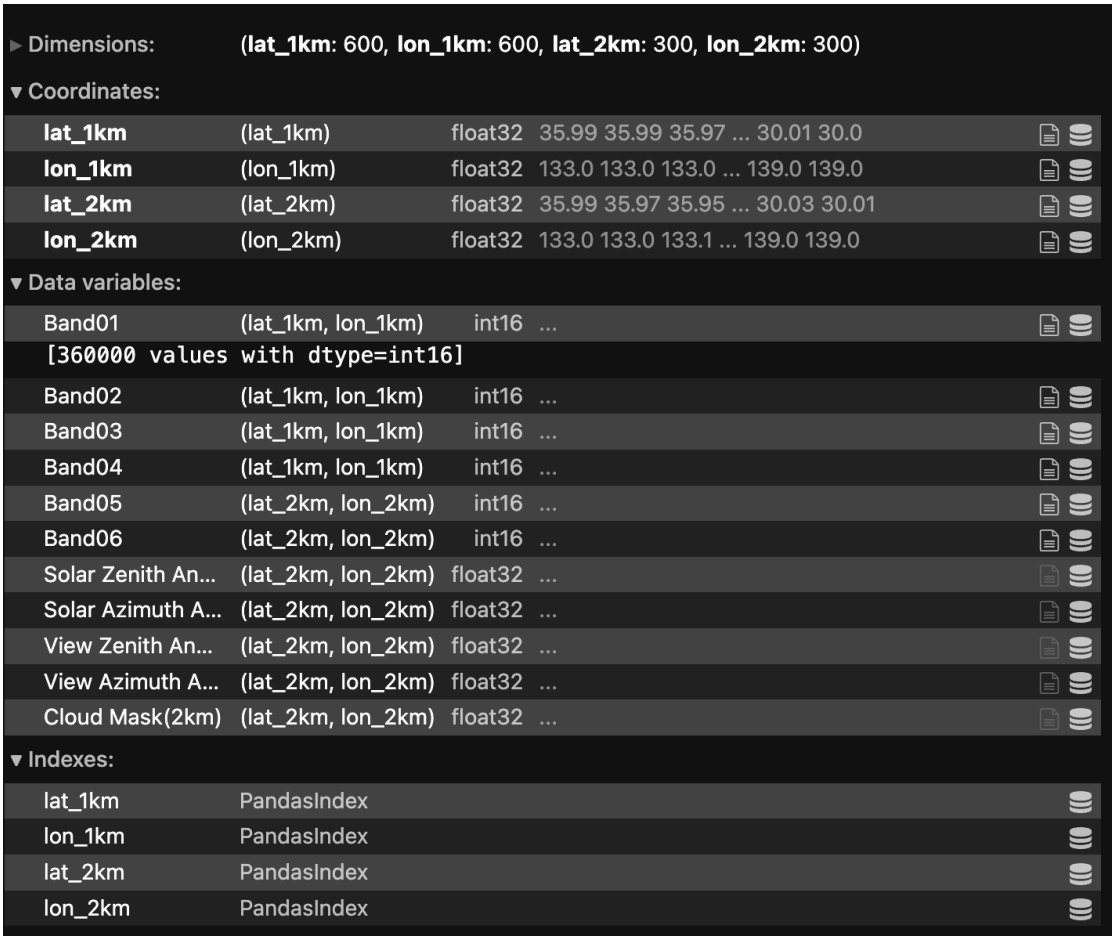
Read **example**. (I would recommend using xrray to read the file.)

(https://docs.xarray.dev/en/latest/getting-started-guide/installing.html)

####

import xarray as xr
path = '/h08v04/2023/01/01/H8_202301010000_h08v04_LSR.nc'
ds = xr.open_dataset(path)

####



Spatial resolution:

0.01deg for Band01~04

0.02deg for Band05/06 , Cloud mask, angular data.

SR data information

Nan value: -32768

Valid_Range : 0 ~ 10000

Slope: 0.0001

Code example

```
import numpy as np
import matplotlib.pyplot as plt

AHI_B4 = np.array(ds['Band04'])
AHI_B4 = np.where(AHI_B4==-32768,np.nan,AHI_B4 / 10000)
```

```
plt.imshow(AHI_B4)
plt.colorbar()
```

```
<matplotlib.colorbar.Colorbar at 0x7f796a891e80>
```