

## 【JASMES SGLI Standard Monitor: Anomaly image】

- ✓ The anomalies are calculated by subtracting or ratio of climatological values from the following statistical products (8days, monthly).
  - ① Land Surface Temperature(LST)
  - ② Normalized Difference Vegetation Index (NDVI)
  - ③ Sea Surface Temperature (SST)
  - ④ Chlorophyll-a concentration (CHLA)
  - ⑤ Daily mean of shortwave radiation(SWR)
  - ⑥ Aerosol Optical Thickness over land and ocean at 500 nm (AROT)  
(JASMES aerosol statistical product)

- ✓ The monthly climatological data are provided at the JASMES SGLI standard monitor.

- Global

GC1SG1\_YYYYMM00D01M\_D0000\_3MSG\_KKKKM\_CLIM.nc

- Japan

GC1SG1\_YYYYMM00D01M\_J0000\_L2SG\_KKKKQ\_CLIM.nc

*MM: Target Month*

*KKKK: Product ID (LST\_, NDVI, SST\_, CHLA, SWR\_, AROT)*

Only for AROT, Japan data is named as follows.

GC1SG1\_YYYYMM00D01M\_J0000\_3MSG\_AROTQ\_CLIM.nc

*MM: Target Month*

- ✓ For anomaly images, LST, NDVI, SST, and AROT products are calculated as differences, and CHLA and SWR products are calculated as ratios.
- ✓ The anomaly images of the 8days product are calculated by interpolating the climatological data using the climatological data before and after the target date.