

Virtual Globe / Map of multiple EO data in parallel

Toin School Team : 赤澤・飛田・渡邊・寺田



Multiple data on virtual globe

⇒ make two globes side by side

Visualization



Earth Data

retrieved from
NASA Earth
Observation
(NEO)



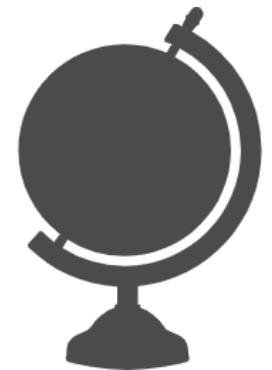
w/ Globe.gl



2D map



3D virtual
globe





[My History](#)

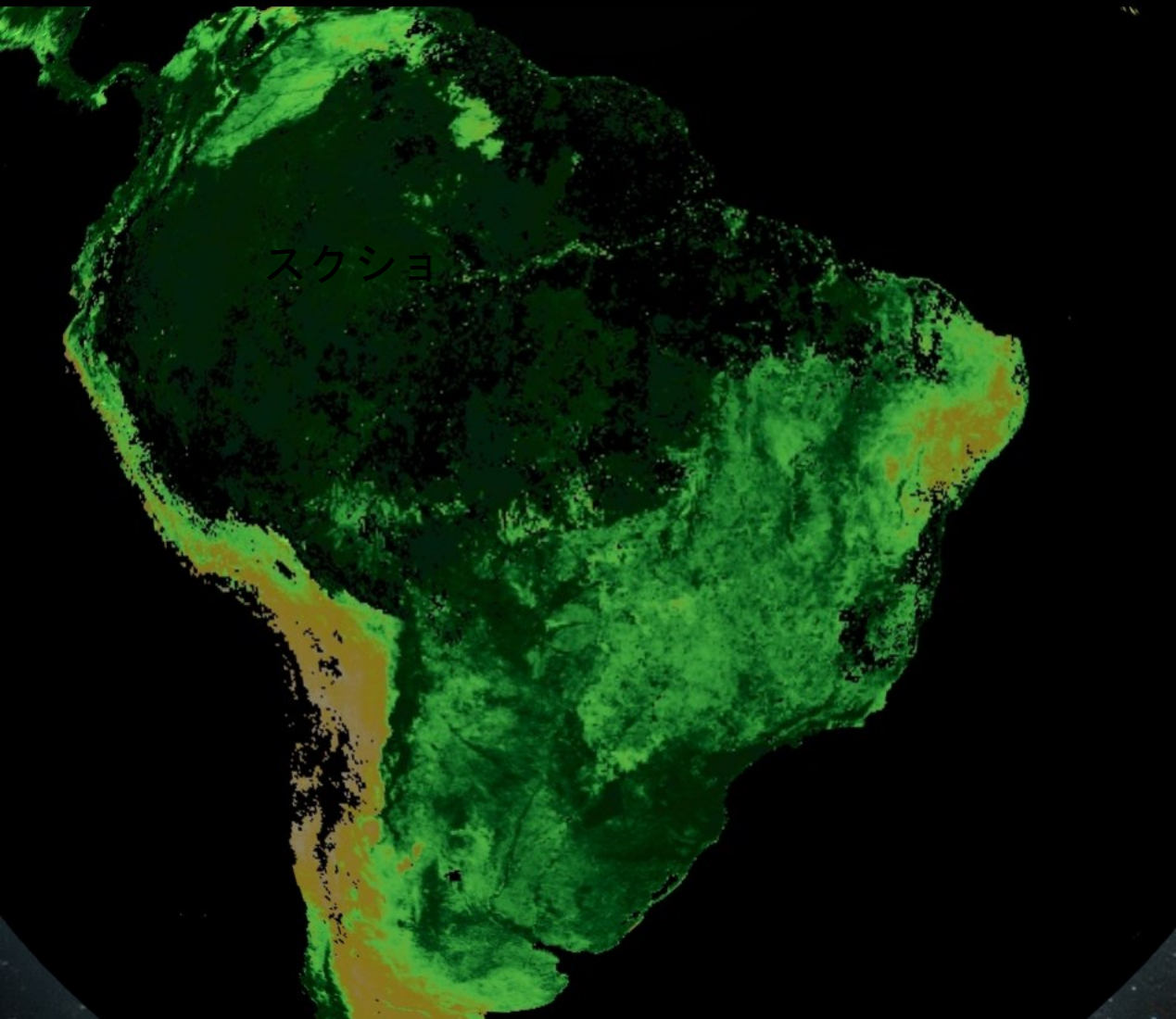
[Save Layers](#)

[Export into IMG](#)

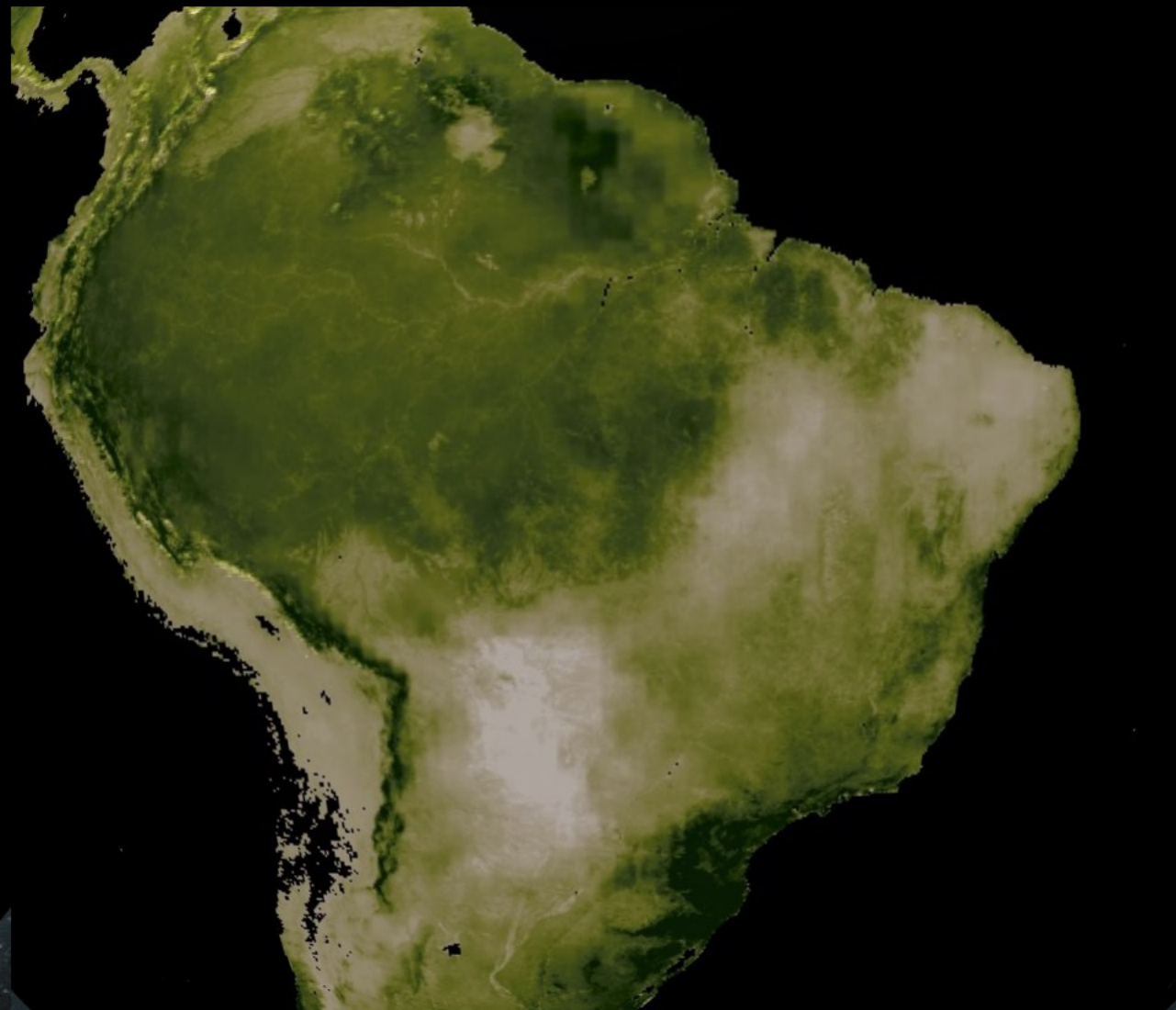
[Go to Journey](#)

[Make Journey](#)

[Language](#)



leaf area index



net primary productivity

← Left Earth

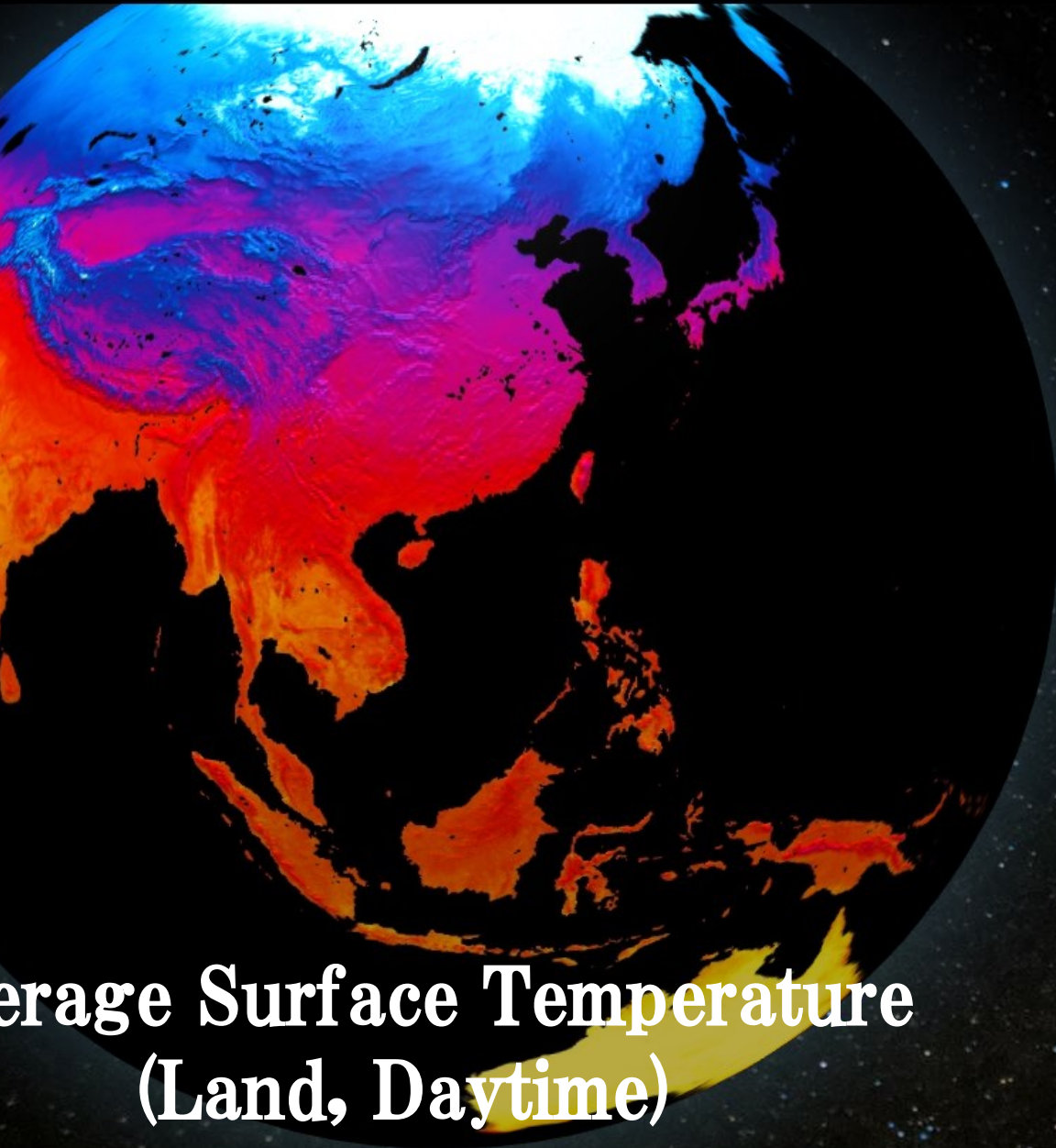
LAYERS

Right Earth →

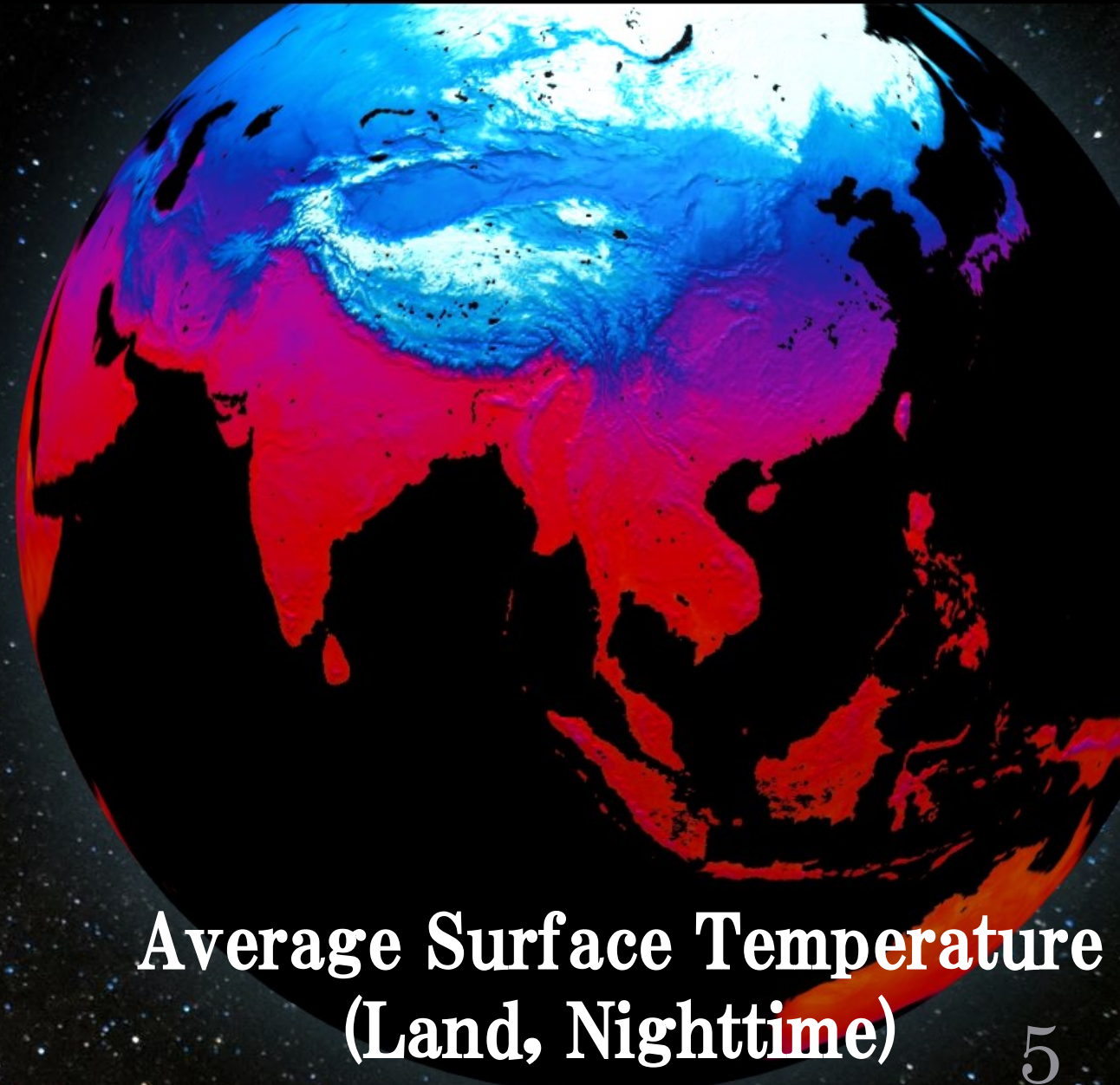
- Net Radiation
- Outgoing longwave Radiation
- Reflected Shortwave Radiation
- Sea Surface Temperature (AVHRR,1981-2006)
- Sea Surface Temperature (MWOL,1998+)
- Sea Surface Temperature (MODIS,2002+)
- Sea Surface Temperature Anomaly (AMSR-E,2002-11)
- Solar Insolation
- UV Index
- Active Fires
- Blue Marble:Next Generation
- Greenland/Antarctica Elevation
- Land Cover Classification

- Net Radiation
- Outgoing longwave Radiation
- Reflected Shortwave Radiation
- Sea Surface Temperature (AVHRR,1981-2006)
- Sea Surface Temperature (MWOL,1998+)
- Sea Surface Temperature (MODIS,2002+)
- Sea Surface Temperature Anomaly (AMSR-E,2002-11)
- Solar Insolation
- UV Index
- Active Fires
- Blue Marble:Next Generation
- Greenland/Antarctica Elevation
- Land Cover Classification





**Average Surface Temperature
(Land, Daytime)**



**Average Surface Temperature
(Land, Nighttime)**

Result

We succeed to make two virtual globes side by side!

However, we found more function we want to add in future, such as language selection, help, save, and detailed documents of data.

We appreciate your advice of possible future extension which we never think of.

