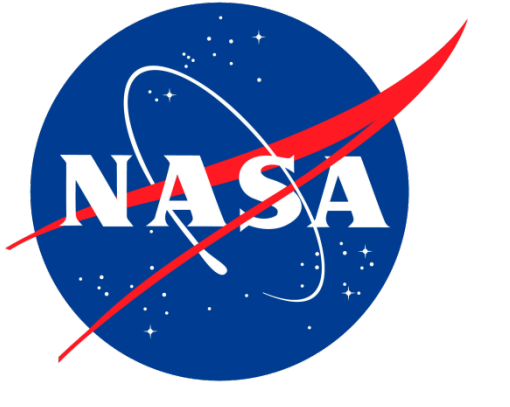




CSPP GEO Level 1

Scott Mindock, Nick Bearson, Jessica Braun, Ray Garcia, Graeme Martin and others

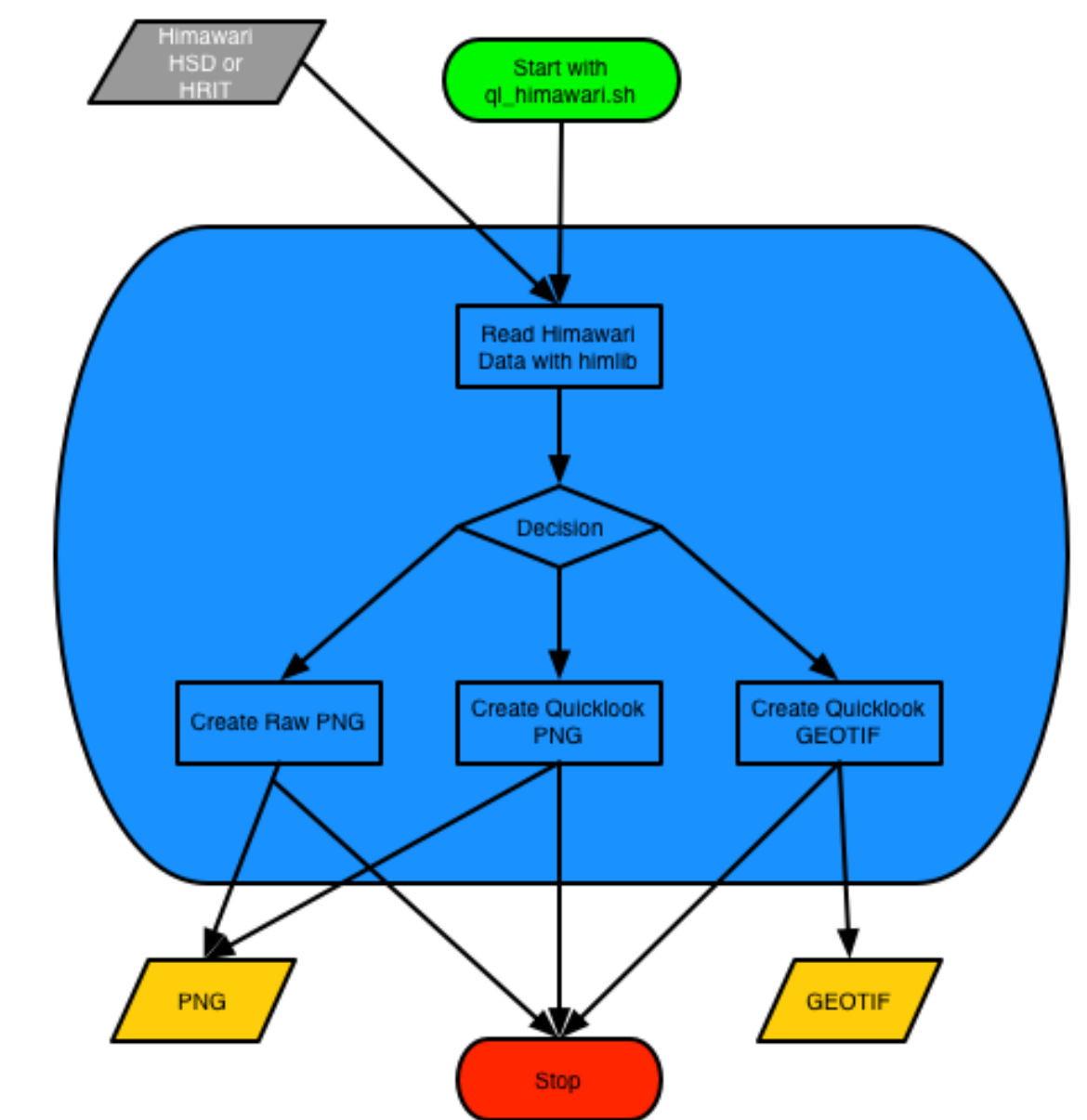
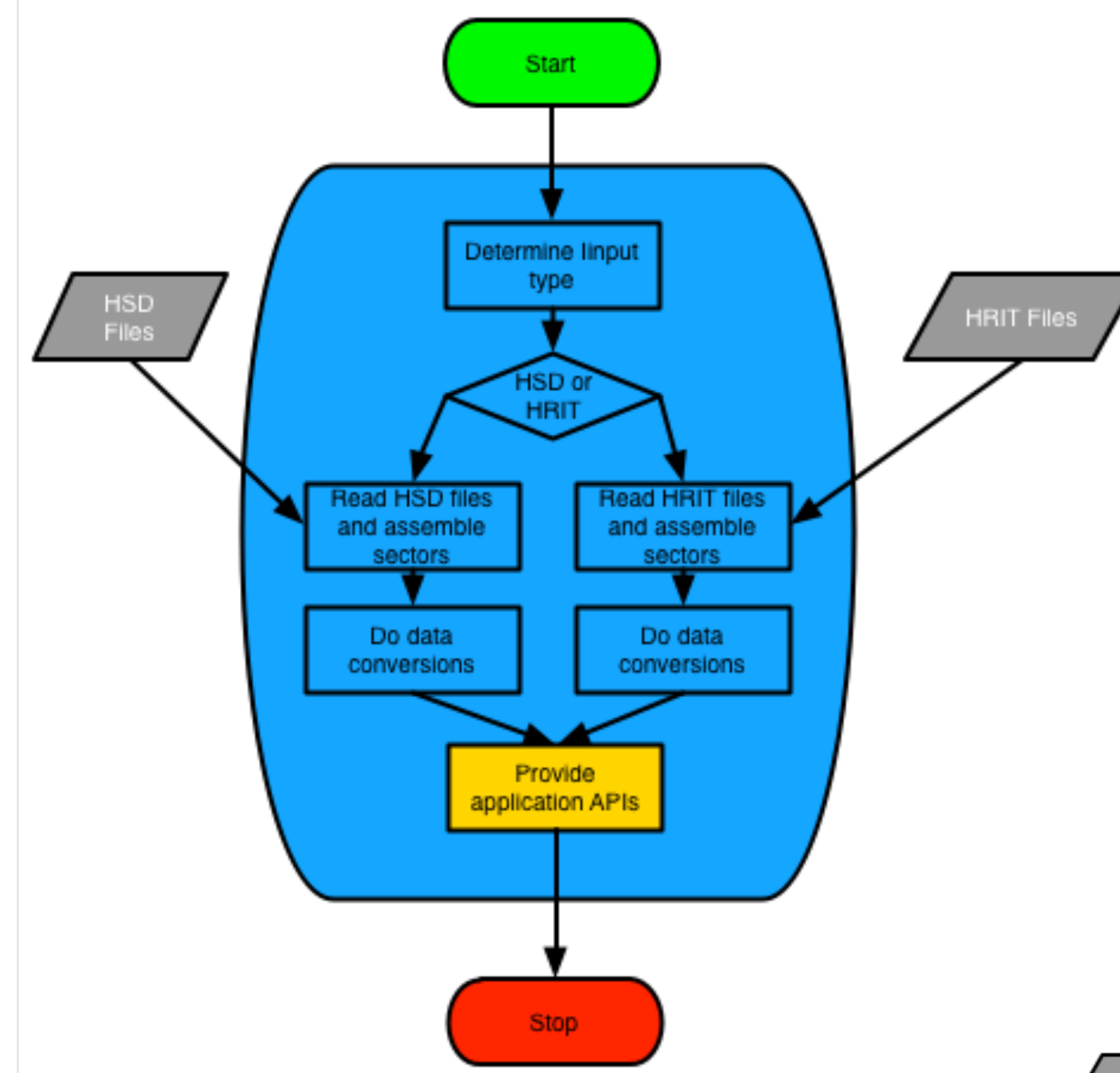


ABSTRACT

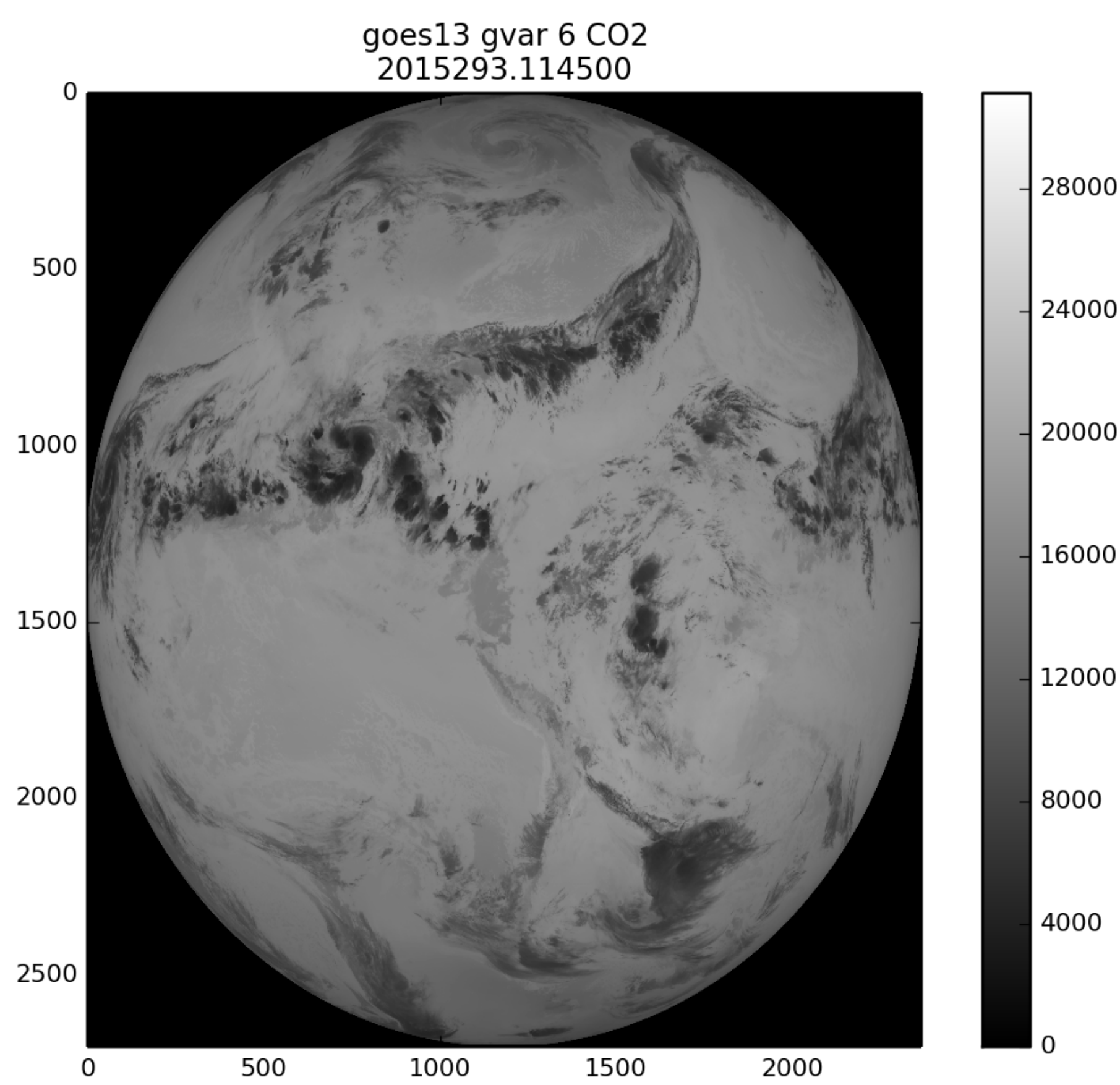
The Community Satellite Processing Package (CSPP) Geostationary (GEO) level 1 packages provide worldwide users an easy-to-install, easy-to-use data processing capability for geostationary satellite observations. The CSPP GEO GVAR and CSPP GEO HCAST projects focus on the development of Level 1 processing packages to support the GOES-R project. Level 1 processing packages provide Level 1 data from GVAR and Himawari in formats compatible for use with the CSPP GEO GEOCAT Level 2 Cloud package. This poster details the data flow and requirements necessary to get GOES-R Cloud Algorithm products using proxy data sources of GVAR and Himawari.

CSPP GEO HCAST

1. Supports HSD format
2. Support HRIT format
3. Uses himawailib (Multi language data access API)
4. Quick-Looks provide navigated view of data for quality control purposes
5. Quick-looks provide GEOTIF images for use in third-party software.
6. Himawari Cast requires KenCast package for HRIT acquisition.

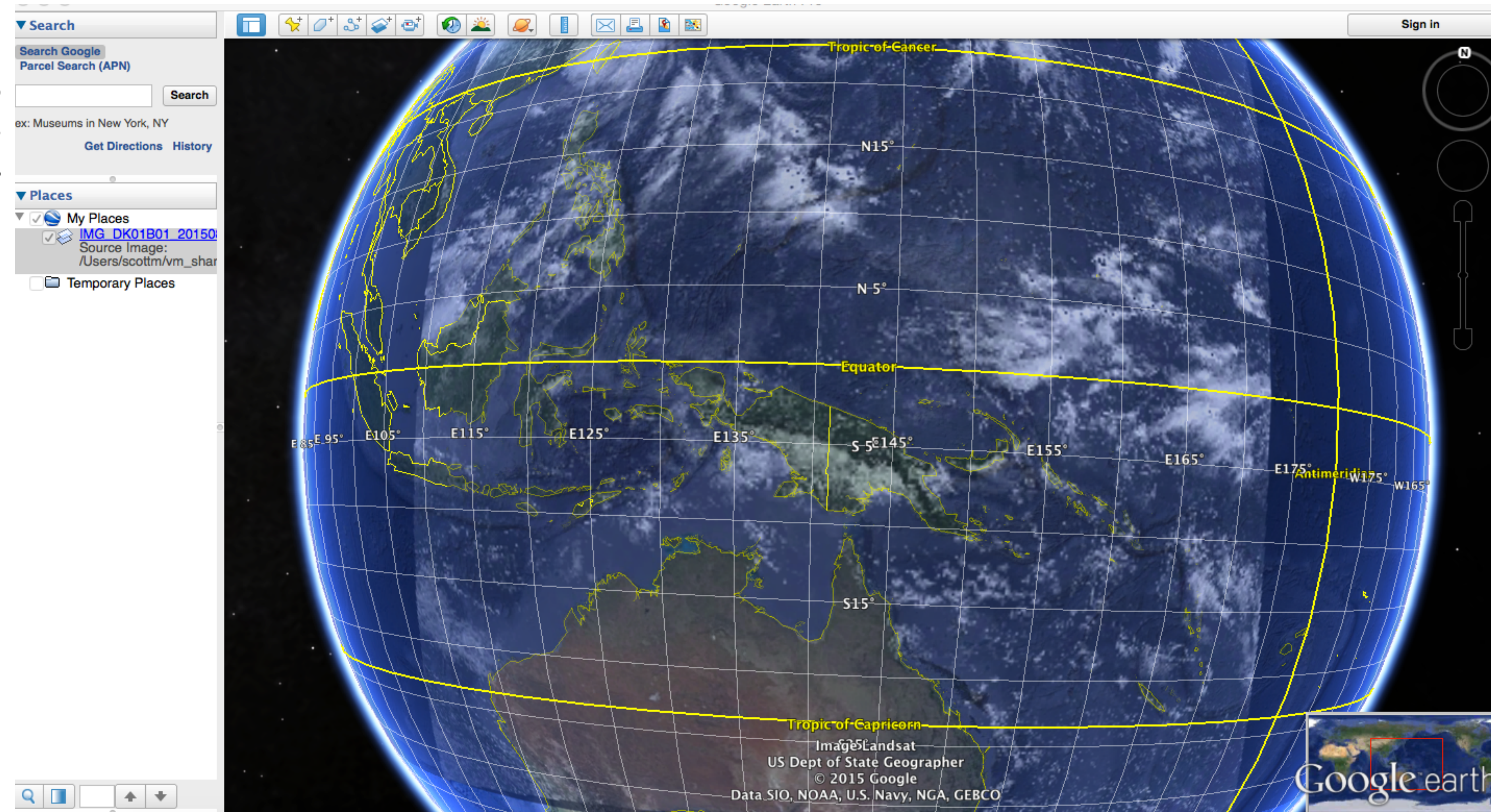
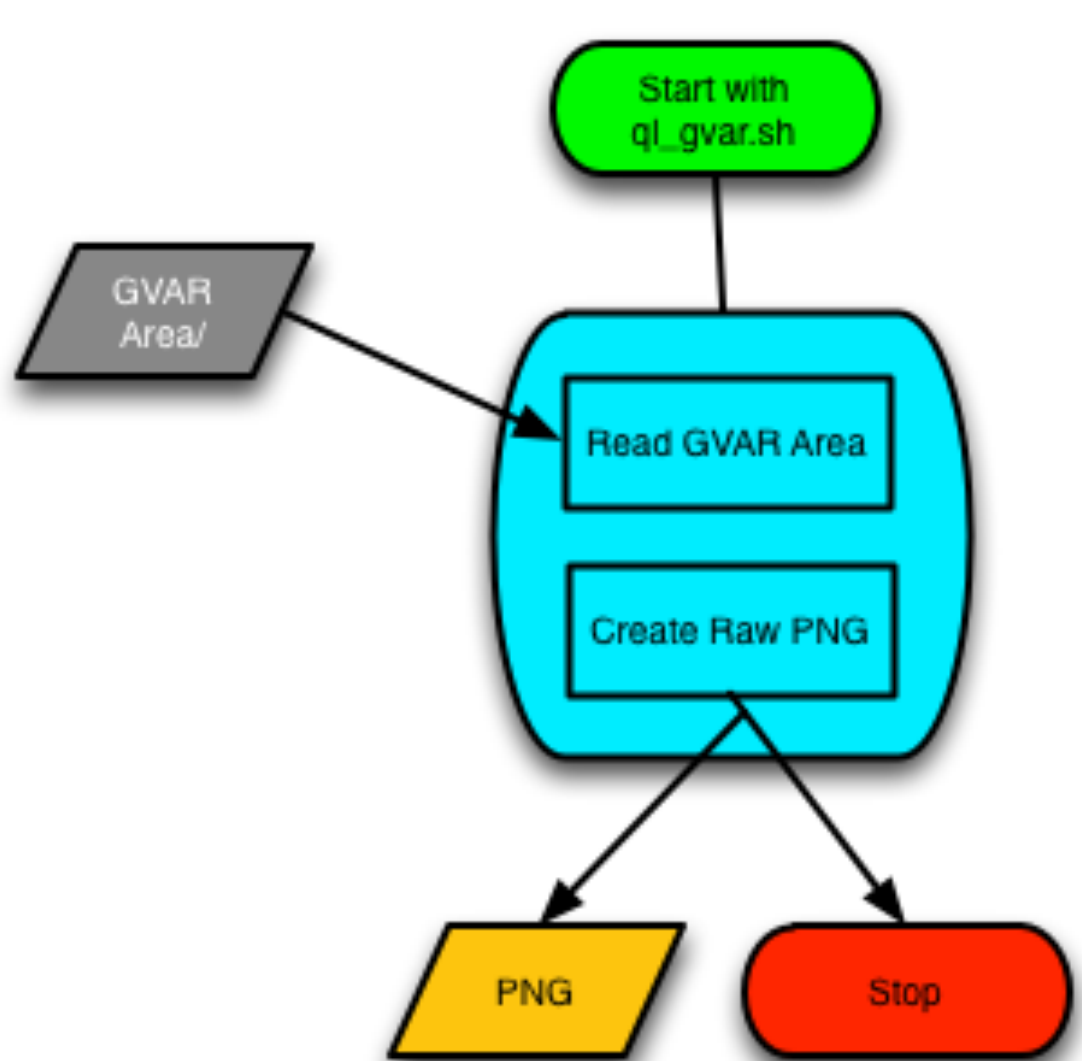
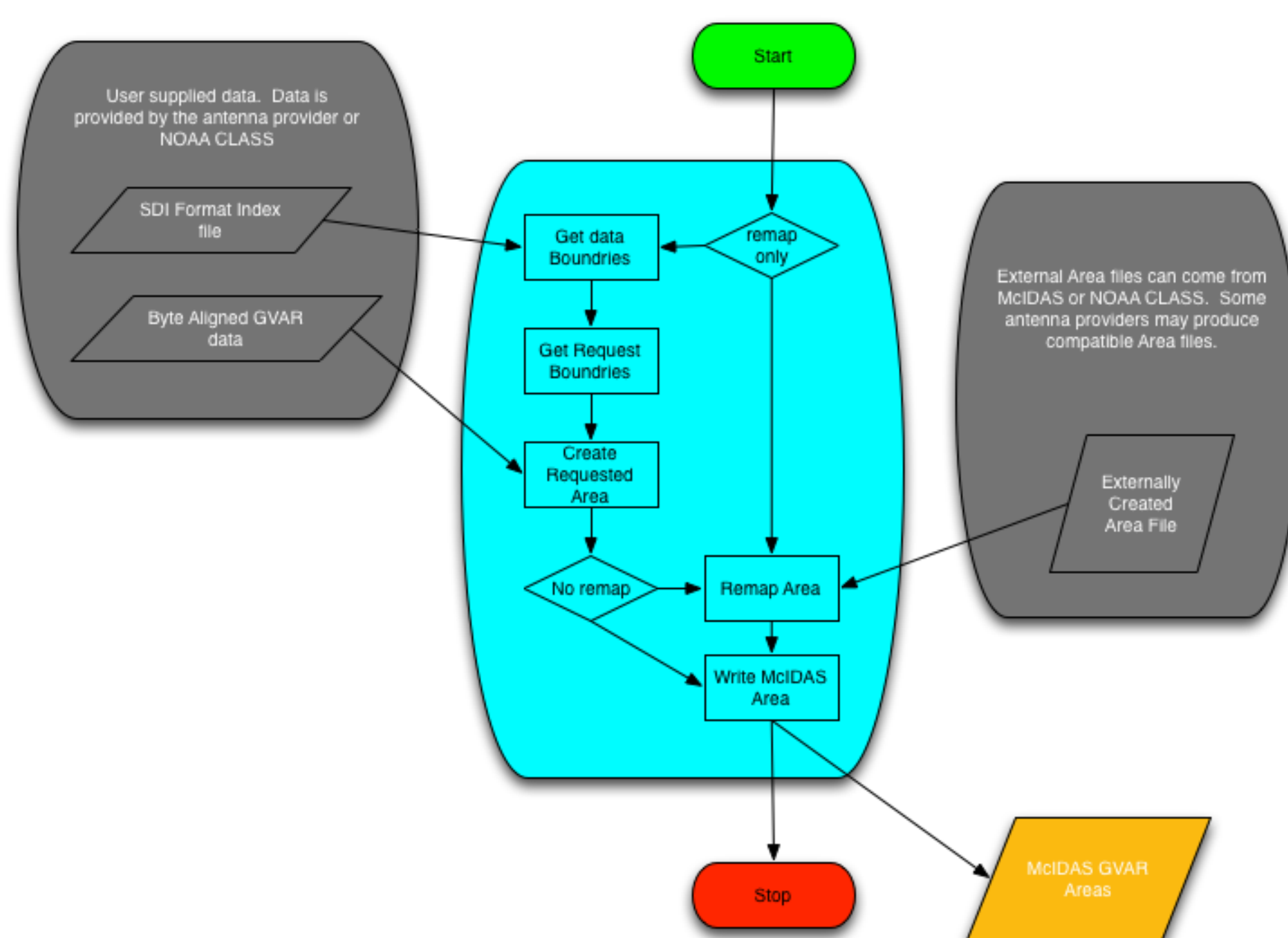


Himawari HSD GEOTIF in Google Earth



CSPP GEO GVAR

1. Supports Goes 13 and 15
2. Selection region, FD,NH,SH and CONUS
3. Remap function supports use with temporal L2 algorithms
4. User provides byte aligned GVAR block data.
5. User provides SDI format index file.
6. Compatible with NOAA CLASS GVAR archive.
7. Quick-looks provide un-navigated view of data for quality control purposes.



Proxy Data into GEOCAT for GOES-R Cloud Products

