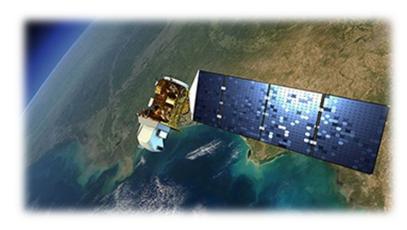
United States Geological Survey

Mission: Provide reliable scientific information to describe and understand the Earth; minimize loss of life and property from natural disasters; manage water, biological, energy, and mineral resources; and enhance and protect our quality of life.



Harmonized Landsat/Sentinel-2 (HLS)

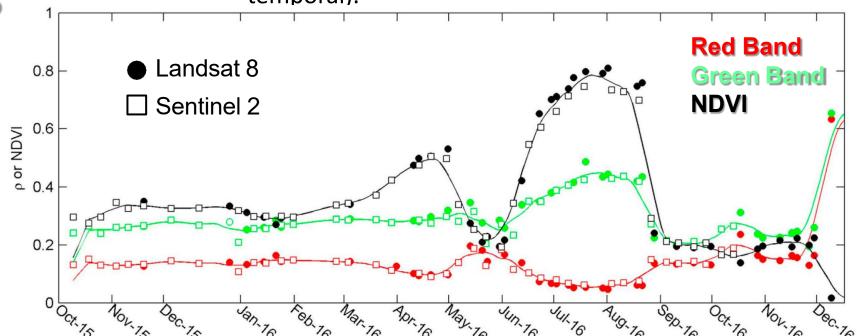


Where do we go next w/harmonization?

- Understanding the utility of different harmonization methods.
- Most fruitful applications (e.g., NRT).
- Extending HLS to L7, L9, other sensors.
- Gaps and limitations that can be addressed.
- Other dimensions to consider (e.g., spatial-temporal).



Sentinel 2 (ESA)

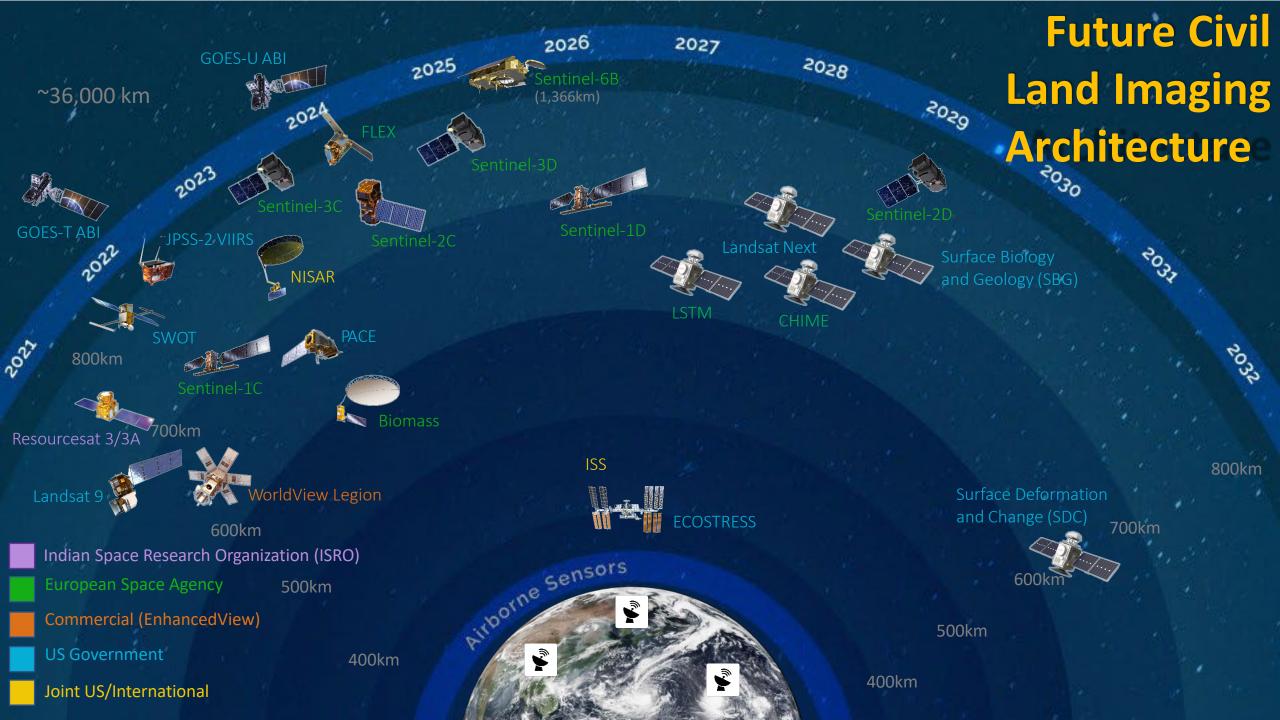




Landsat 8

(USGS)

Claverie, M., Ju, J., Masek, J., Dungan, J., Vermote, E., et al. The Harmonized Landsat and Sentinel-2 surface reflectance data set. *Remote Sens. Environ*, 2018.





Al is here.

Application of Al to Earth observation data is a new frontier for EO harmonization and related activities.