

1 Earth Observation Satellite

https://en.wikipedia.org/wiki/Earth_observation_satellite

https://en.wikipedia.org/wiki/Satellite_imagery

2 Some Publicly Available Datasets

<http://lesun.weebly.com/hyperspectral-data-set.html>

http://www.ehu.eus/ccwintco/index.php/Hyperspectral_Remote_Sensing_Scenes

<https://aviris.jpl.nasa.gov/dataportal/>

xlim-sic.labo.univ-poitiers.fr/datasets/ICONES-HSI/temp/5Zt4eE9Iz7gO6Qh4xF5Zg4wZ/ICONES-HSI.zip

3 keywords

- absorption
- bandwidth
- electromagnetic spectrum
- geostationary orbit
- ground truth
- hyperspectral image
- multispectral image
- panchromatic image
- pixel
- reflection
- wavelength
- spatial and spectral resolution trade-off
- NIR
- SWIR
- vegetation index