

Information of Diffirent Missons				
Satellite name	Bands	Wavelenght	Description	Pixel size
Harmonized Sentinel-2 MSI: MultiSpectral Instrument, Level-1C	B1	443.9nm (S2A) / 442.3nm (S2B)	Aerosols	60 meters
	B2	496.6nm (S2A) / 492.1nm (S2B)	Blue	10 meters
	B3	560nm (S2A) / 559nm (S2B)	Green	10 meters
	B4	664.5nm (S2A) / 665nm (S2B)	Red	10 meters
	B5	703.9nm (S2A) / 703.8nm (S2B)	Red Edge 1	20 meters
	B6	740.2nm (S2A) / 739.1nm (S2B)	Red Edge 2	20 meters
	B7	782.5nm (S2A) / 779.7nm (S2B)	Red Edge 3	20 meters
	B8	835.1nm (S2A) / 833nm (S2B)	NIR	10 meters
	B8A	864.8nm (S2A) / 864nm (S2B)	Red Edge 4	20 meters
	B9	945nm (S2A) / 943.2nm (S2B)	Water vapor	60 meters
	B11	1613.7nm (S2A) / 1610.4nm (S2B)	SWIR 1	20 meters
	B12	2202.4nm (S2A) / 2185.7nm (S2B)	SWIR 2	20 meters
USGS Landsat 9 Level 2, Collection 2, Tier 1	SR_B1	0.435-0.451 µm	Band 1 (ultra blue, coastal aerosol) surface reflectance	
	SR_B2	0.452-0.512 µm	Band 2 (blue) surface reflectance	
	SR_B3	0.533-0.590 µm	Band 3 (green) surface reflectance	
	SR_B4	0.636-0.673 µm	Band 4 (red) surface reflectance	
	SR_B5	0.851-0.879 µm	Band 5 (near infrared) surface reflectance	
	SR_B6	1.566-1.651 µm	Band 6 (shortwave infrared 1) surface reflectance	
	SR_B7	2.107-2.294 µm	Band 7 (shortwave infrared 2) surface reflectance	
USGS Landsat 8 Level 2, Collection 2, Tier 1	SR_B1	0.435-0.451 µm	Band 1 (ultra blue, coastal aerosol) surface reflectance	
	SR_B2	0.452-0.512 µm	Band 2 (blue) surface reflectance	
	SR_B3	0.533-0.590 µm	Band 3 (green) surface reflectance	
	SR_B4	0.636-0.673 µm	Band 4 (red) surface reflectance	
	SR_B5	0.851-0.879 µm	Band 5 (near infrared) surface reflectance	
	SR_B6	1.566-1.651 µm	Band 6 (shortwave infrared 1) surface reflectance	
	SR_B7	2.107-2.294 µm	Band 7 (shortwave infrared 2) surface reflectance	
MODISGA.006 Terra Ocean Reflectance Daily Global 1km	sur_refl_b08	405-420nm	MODIS band 8 surface reflectance	
	sur_refl_b09	438-448nm	MODIS band 9 surface reflectance	
	sur_refl_b10	483-493nm	MODIS band 10 surface reflectance	
	sur_refl_b11	526-536nm	MODIS band 11 surface reflectance	
	sur_refl_b12	546-556nm	MODIS band 12 surface reflectance	
	sur_refl_b13	662-672nm	MODIS band 13 surface reflectance	
	sur_refl_b14	673-683nm	MODIS band 14 surface reflectance	
	sur_refl_b15	743-753nm	MODIS band 15 surface reflectance	
	sur_refl_b16	862-877nm	MODIS band 16 surface reflectance	