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## **Abstract**

### **The Space Information Laboratory at UPRM: Remotely Sensed Satellite Products**

The Space Information Laboratory (SIL) was established in 1995 as a component of the NASA sponsored grant with the title Tropical Center for Earth and Space Studies (TCESS). SIL's mission is to furnish the other components of TCESS and the research community with remotely sensed satellite products of the Caribbean area. At present SIL hosts three satellite ground stations: 1) an L-band 1 meter antenna and receiving system for the NOAA AVHRR satellites and the SeaWiFs color of the ocean satellite, 2) an X-band 4.3 meter antenna and reception high data rate facility for RADARSAT 1, LANDSAT 7, and the MODIS sensor aboard the TERRA satellite, and 3) the S-band tasking and receiving station for the Far Ultraviolet Spectroscopic Explorer (FUSE) satellite managed by The Johns Hopkins University. The different characteristics of the earth observation satellites will be presented, together with examples of the products and research that has been produced.