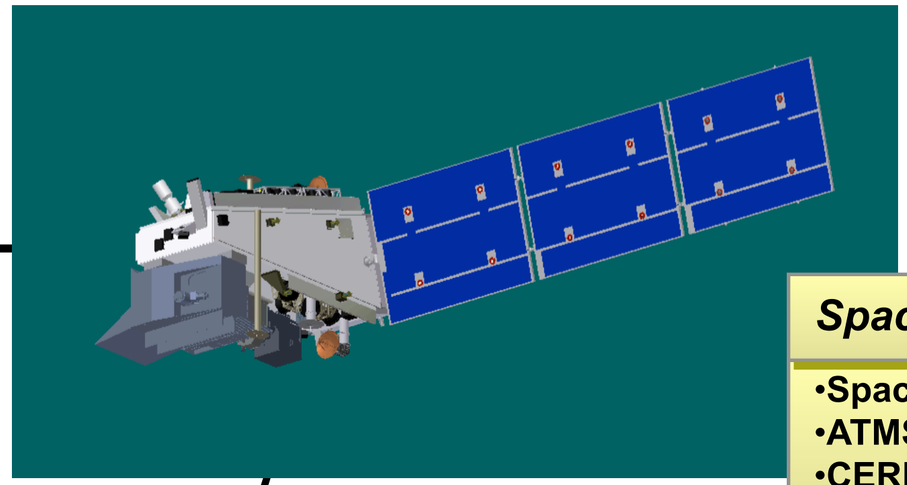
Mission Segments and Responsibilities



Space Segment

- Spacecraft
- ATMS
- CERES

- VIIRS
- CrIS
- OMPS

Launch Support Segment (LSS)

- Launch vehicle
- Launch Support
- Payload Processing support

Command, Control & Communication Segment (C3S)

- Manage Mission
- Manage Satellite Operations
- Space/Ground Communication
- Data Routing & Retrieval

Interface Data Processing Segment (IDPS)

- Ingest and validate raw SMD
- Process RDRs, SDRs, EDRs
- Perform operations cal proc
- Distribute data records

Science Data Segment (SDS)

- Ingest and validate RDRs
- Support Climate Research
- Generate products (CERES/OMPS Limb)

Archive & Distribution Segment (ADS)

- Ingest & validate data records
- Manage archive
- Interface with users

- NASA
- JPSS
- NOAA