Several fundamental land surface data products - surface reflectance, vegetation index, albedo, land surface temperature, surface LST and fire detection - are generated from the NPP VIIRS Visible/Infrared Imaging Radiometer Suite (VIIRS) on the NPOESS Preparatory Project (NPP) satellite. Current operational algorithms build on heritage algorithms, including those for the NASA EOS (Earth Observing System) Imaging Spectrometer (MODIS). Development and maintenance of the operational land products has transitioned to government-led Algorithm Teams supported by the JPSS program. These activities, together with activities to develop prototype products through the Algorithm Development Library (ADL) like Reflectance Validation Network (ASRVN), are carried out in close coordination and with active participation by the NASA NPP Land Science Team and Land PEATE (Product Evaluation and Test Team). Pre-launch preparatory activities include detailed algorithm development, algorithm and product evaluation using ADL prototyping of ASRVN analysis protocols using MODIS, and product evaluation using in-situ data from NASA coordination and validation activities. These activities, together with efforts to address gaps in the data processing chain, have transitioned to the NPP Visible Infrared Imager Radiometer Suite (VIIRS) on the NPOESS Preparatory Project (NPP) satellite. The JPSS Land EDR Team is ready for post-launch algorithm development, evaluation and validation. Some of the JPSS land investigators are also funded by the NASA Earth Science Program (through the National Aeronautics and Space Administration (NASA)).

**VIIRS Vegetation Index**

- **Algorithm Development and Maintenance:** The JPSS Land EDR Team is ready for post-launch algorithm development, evaluation and validation. Some of the JPSS land investigators are also funded by the NASA Earth Science Program (through the National Aeronautics and Space Administration (NASA)).

**VIIRS Surface Albedo**

- **Algorithm Development and Maintenance:** The JPSS Land EDR Team is ready for post-launch algorithm development, evaluation and validation. Some of the JPSS land investigators are also funded by the NASA Earth Science Program (through the National Aeronautics and Space Administration (NASA)).

**VIIRS Land Surface Temperature**

- **Algorithm Development and Maintenance:** The JPSS Land EDR Team is ready for post-launch algorithm development, evaluation and validation. Some of the JPSS land investigators are also funded by the NASA Earth Science Program (through the National Aeronautics and Space Administration (NASA)).

**VIIRS Active Fire**

- **Algorithm Development and Maintenance:** The JPSS Land EDR Team is ready for post-launch algorithm development, evaluation and validation. Some of the JPSS land investigators are also funded by the NASA Earth Science Program (through the National Aeronautics and Space Administration (NASA)).

**VIIRS Land Surface Product Status**

- **Algorithm Development and Maintenance:** The JPSS Land EDR Team is ready for post-launch algorithm development, evaluation and validation. Some of the JPSS land investigators are also funded by the NASA Earth Science Program (through the National Aeronautics and Space Administration (NASA)).

**VIIRS Land Surface Product Status**

- **Algorithm Development and Maintenance:** The JPSS Land EDR Team is ready for post-launch algorithm development, evaluation and validation. Some of the JPSS land investigators are also funded by the NASA Earth Science Program (through the National Aeronautics and Space Administration (NASA)).