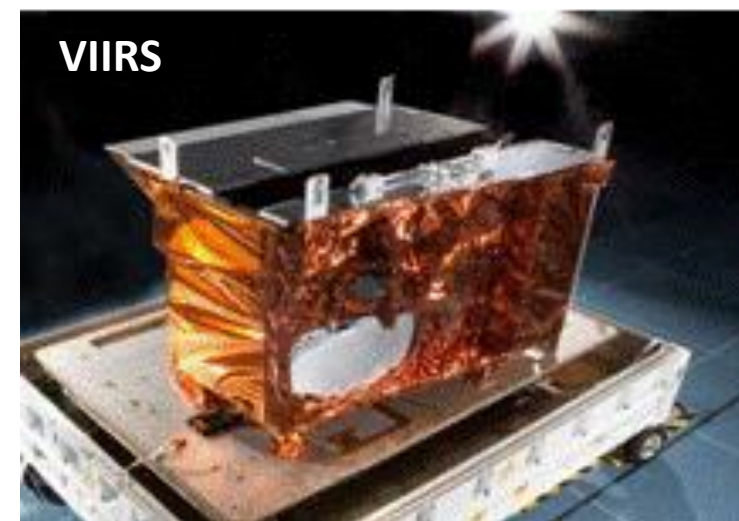
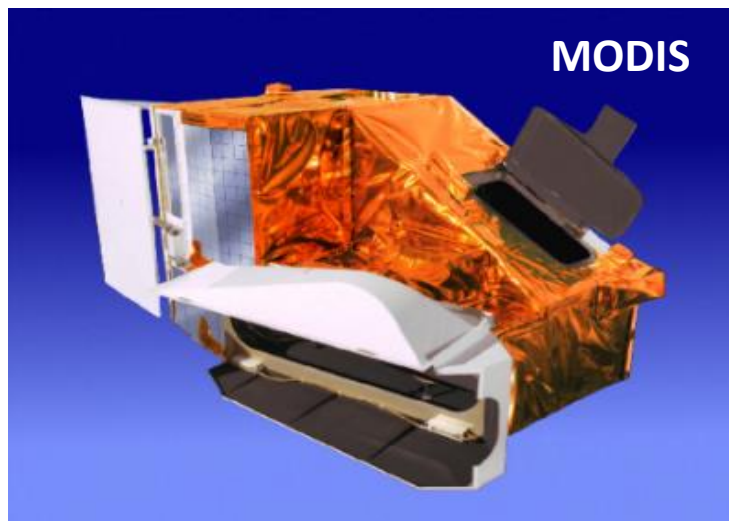


MODIS and VIIRS Calibration Workshop

February 25-26, 2021



- **MODIS and VIIRS Science Team Meeting – Plenary Session (Nov. 19, 2020)**
 - https://modis.gsfc.nasa.gov/sci_team/meetings/202011/
 - Terra and Aqua MODIS and VIIRS Instrument Status
- **Both Terra and Aqua MODIS C7 L1B/LUTs - Ready for Delivery (next month)**
- **JPSS-3 VIIRS Completed TVAC Testing! (Feb 15, 2021)**
- **Happy 100K Orbit Anniversary Aqua! (Feb 20, 2021)**

Day 1 (Jack Xiong and Truman Wilson, Chairs)

11:00 am – 4:00 pm (EST)

Introduction (<i>Jack Xiong</i>)	11:00 am
Status of MODIS Instrument Operation (<i>Daniel Link</i>)	11:10 am
MODIS RSB Calibration and Performance (<i>Kevin Twedt</i>)	11:25 am
MODIS TEB Calibration and Performance (<i>Tiejun Chang</i>)	11:55 am
MODIS C7 Reprocessing Plan (<i>Sadashiva Devadiga</i>)	12:20 pm
VIIRS RSB Calibration and Performance (<i>Ning Lei</i>)	12:40 pm
<i>Coffee Break</i>	1:10 pm
VIIRS DNB Calibration and Performance (<i>Hongda Chen</i>)	1:20 pm
VIIRS TEB Calibration and Performance (<i>Carlos Perez</i>)	1:40 pm
MODIS and VIIRS Geometric Calibration (<i>Gary Lin</i>)	2:00 pm
JPSS-3 VIIRS Pre-launch Radiometric Calibration (<i>Jeff McIntire</i>)	2:40 pm
JPSS-3 VIIRS Pre-launch Spectral Calibration (<i>Chris Moeller</i>)	3:00 pm
MODIS and VIIRS Calibration Inter-comparisons (<i>Aisheng Wu</i>)	3:20 pm
Calibration of SNPP and NOAA-20 VIIRS for Ocean Color Applications (<i>Gene Eplee</i>)	3:40 pm
<i>Adjourn</i>	4:00 pm

Day 2 (Jim Butler and Amit Angal, Chairs)

11:00 am – 3:40 pm (EST)

Update on VIIRS Lunar Calibration Using ROLO (<i>Tom Stone</i>)	11:00 am
An Update on the Airborne LUNar Spectral Irradiance (Air-LUSI) Mission (<i>Kevin Turpie</i>)	11:20 am
MODIS and VIIRS Calibration/Validation Results Using RadCaTS (<i>Jeffrey Czapla-Myers</i>)	11:40 pm
SNPP/NOAA20 VIIRS Continuity with MODIS, Evaluation from Land Surface Reflectance Perspective (<i>Eric Vermote</i>)	12:00 pm
Mitigation of Terra Striping at High Latitudes (<i>Alexei Lyapustin</i>)	12:20 pm
Radiometric evaluation of the MODIS C6.1 reflective solar channels radiances and the need for C7 (<i>David Doelling</i>)	12:40 pm
<i>Coffee Break</i>	1:00 pm
In-Flight Validation of Mid and Thermal Infrared Remotely Sensed Data from MODIS Using the Lake Tahoe and Salton Sea Automated Validation Sites (<i>Simon Hook</i>)	1:10 pm
MODIS-VIIRS inter-sensor shortwave radiometric monitoring by the Cloud Product team and the A-SIPS (<i>Kerry Meyer/Bob Holz</i>)	1:30 pm
Trends and continuity in the AOD record for MODIS, VIIRS, and GEO sensors (<i>Virginia Sawyer</i>)	1:50 pm
Optimization of the GOES-16/GOES-17 ABI L1b Calibration Algorithm for Re-processing Through a New Geostationary Imaging Support Team (<i>Joel Mccorkel</i>)	2:10 pm
Discussion - Path Forward for Multi-instrument L1 Data Records (<i>Jim Gleason</i>)	2:30 pm
Summary (<i>Jack Xiong</i>)	3:30 pm
<i>Adjourn</i>	3:40 pm

Acknowledgements

Contributions:

- MODIS and VIIRS Characterization Support Team (MCST and VCST)
- MODIS and VIIRS Science Teams

Support:

- Terra, Aqua, S-NPP, JPSS Project, and Mission/Flight Operation Team (MOT/FOT)
- Instrument Vendor (Raytheon) and NASA On-site Support Team
- NOAA JPSS Program and VIIRS SDR Team