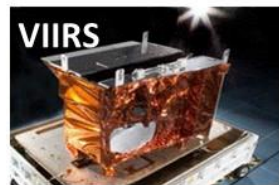
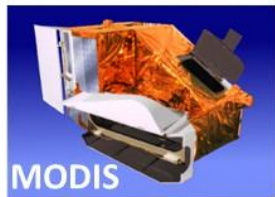


MODIS and VIIRS Calibration Workshop

(November 18, 2019)



1999 →



2002 →



2011 →



2017 →

WiFi network SSIS: **The Hotel UMD Guest**

Access code Password: **humdcollegepark109** (all lower case)

Agenda

| | |
|--|----------|
| <u>MODIS and VIIRS On-orbit Calibration Performance</u> (<i>Jack Xiong and Truman Wilson, Chairs</i>) | |
| Introduction (<i>Jack Xiong</i>) | 8:30 am |
| Status of MODIS Instrument Operation (<i>Daniel Link/Amit Angal</i>) | 8:40 am |
| MODIS RSB Calibration and Performance (<i>Kevin Twedt/Emily Aldoretta</i>) | 9:00 am |
| MODIS TEB Calibration and Performance (<i>Tiejun Chang/Aisheng Wu</i>) | 9:40 am |
| <i>Coffee Break</i> | 10:05 am |
| VIIRS RSB Calibration and Performance (<i>Ning Lei/Kevin Twedt</i>) | 10:30 am |
| VIIRS TEB Calibration and Performance (<i>Carlos Perez/Vincent Chiang</i>) | 11:10 am |
| MODIS and VIIRS L1B and LUT Updates (<i>Vincent Chiang/Xu Geng</i>) | 11:35 am |
| MODIS and VIIRS Geometric Calibration (<i>Gary Lin/Robert Wolfe</i>) | 11:50 am |
| <i>Lunch</i> | 12:20 pm |
| <u>General Calibration and Validation Topics</u> (<i>Jim Butler and Junqiang Sun, Chairs</i>) | |
| SNPP VIIRS Lunar Images and Irradiances - A Correlation Study of Moon Image Orientation (<i>Tom Stone</i>) | 1:50 pm |
| The airborne LUNAR Spectral Irradiance (air-LUSI) Mission Update (<i>Kevin Turpie</i>) | 2:05 pm |
| MODIS and VIIRS TEB Performance Assessment (<i>Chris Moeller</i>) | 2:20 pm |
| In flight validation of the MODIS and VIIRS mid and thermal infrared bands using the Automated Validation Sites at Lake Tahoe and Salton Sea (<i>Simon Hook</i>) | 2:35 pm |
| Updates to the On-Orbit Calibration of SNPP and NOAA-20 VIIRS for Ocean Color Applications (<i>Gene Eplee</i>) | 2:55 pm |
| <i>Coffee Break</i> | 3:15 pm |
| MODIS and VIIRS Surface Reflectance Validation (<i>Jeffrey Zapla-Myers</i>) | 3:40 pm |
| Overview of MODIS and VIIRS L1B Top-Of-Atmosphere Reflectances and Radiances Aggregation Algorithm (<i>Starry Mamoharan</i>) | 4:00 pm |
| Continuing the Dark Target Aerosol Record from MODIS to VIIRS (<i>Virginia Sawyer</i>) | 4:20 pm |
| MODIS and VIIRS Calibration Inter-comparisons (<i>Aisheng Wu</i>) | 4:40 pm |
| Radiometric scaling between S-NPP and NOAA-20 VIIRS (<i>David Doelling</i>) | 5:00 pm |
| Summary (<i>Jack Xiong</i>) | 5:20 pm |
| <i>Adjourn</i> | 5:30 pm |

2 years ago ...



1 month from now



Acknowledgements

Contributions:

- MODIS Characterization Support Team (MCST)
- VIIRS Characterization Support Team (VCST)

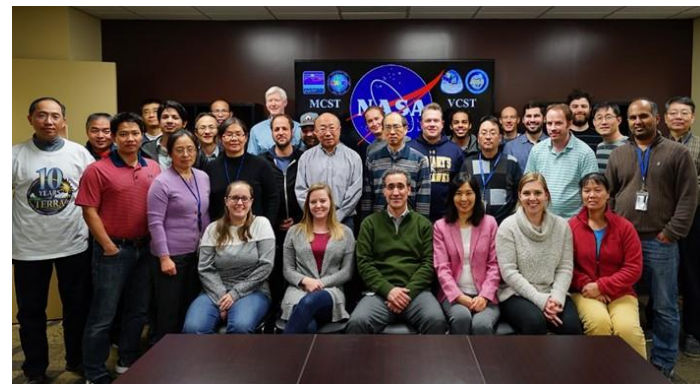


Photo taken: 11/13/19

Support:

- Terra, Aqua, S-NPP, and JPSS (Flight) Projects
- Terra, Aqua, S-NPP, and NOAA-20 Mission/Flight Operation Teams (MOT/FOT)
- MODIS and VIIRS Sensor Vendor (Raytheon SBRS and SAS)
- MODIS and VIIRS Science Discipline/Groups Representatives
- NOAA JPSS Program and VIIRS SDR Team