

NOAA Workshop on JPSS Life-Cycle Data Reprocessing to Advance Weather and Climate Applications

ESSIC (Room 4102)
5825 University Research Court
College Park, Maryland

Telephone:

Toll free: 866-915-8960

Toll: 203-277-6823

Passcode: 1938801

WebEx:

Day 1: <https://star-nesdis-noaa.webex.com/star-nesdis-noaa/onstage/g.php?MTID=ee121ec65ced5591b645bda0882b64619>

Day 2: <https://star-nesdis-noaa.webex.com/star-nesdis-noaa/onstage/g.php?MTID=eda37cd6f2583418e2d9154e79b34b8d9>

Password: JPSS

Wireless:

Day 1: wireless: cicsmd-517, password: efoonyhapeiu

Day 2: wireless: cicsmd-518, password: lsinteddenga

Agenda

Tuesday, May 17, 2016

Session 1: Welcome and Opening Remarks <i>Chairs: Fuzhong Weng and Lihang Zhou</i>			8:30-9:50 am
Presenter	Affiliation	Title	Start time
Fuzhong Weng Lihang Zhou	NESDIS/STAR	Introduction and Welcome	8:30
Fernando Miralles-Wilhelm	UMD/ESSIC	Welcome	8:40
Mike Kalb	NESDIS/STAR	STAR opening remarks	8:45
Mitch Goldberg	NOAA/JPSS	JPSS Program opening remarks	8:55
Heather Kilcoyne	NESDIS/OSGS	OSGS Overview	9:05
Jeff Privette	NESDIS/NCEI	NCEI opening remarks	9:15
Lihang Zhou	NESDIS/STAR	Science Reprocessing Strategy for JPSS Cal/Val	9:25
Coffee Break			9:50

Session 2: Understanding Suomi NPP Instrument in-Orbit Performance and Sensor Data Anomalies <i>Chairs: Ken Carey and Tom Atkins</i>			10:20 am-12:00 pm
Presenter	Affiliation	Title	Start time
Ninghai Sun Miao Tian	NESDIS/STAR NESDIS/STAR	ICVS-identified ATMS and CrIS Anomaly Events	10:20
Jason Choi Ding Liang	NESDIS/STAR NESDIS/STAR	ICVS-identified VIIRS and OMPS Anomaly Events	10:40
Viha Nguyen Dejiang Han	NESDIS/OSPO NESDIS/OSPO	ICVS-Lite Status and Recommendations on ICVS-Lite Development	11:00
Wael Ibrahim	Raytheon	IDPS-identified Anomalies in RDR/SDR/EDRs	11:15
Cole Rossiter	NJO/AMP	Synoptic Report on Suomi NPP Events and Anomalies	11:30
		Discussion	11:45
Lunch Break			12:00

Session 3: Suomi NPP Data User Experiences and Recommendations for Further Improvements <i>Chair: Mitch Goldberg</i>			1:00-2:30 pm
Presenter	Affiliation	Title	Start time
Andrew Collard	NWS/NCEP	Evaluations of Suomi NPP Data (e.g., bias, anomaly) and Impacts on Forecasts -- NCEP	1:00
Nigel Atkinson	UKMET	Evaluations of Suomi NPP Data (e.g., bias, anomaly) and Impacts on Forecasts -- UKMET	1:15
Heather Lawrence	ECMWF	Evaluations of Suomi NPP Data (e.g., bias, anomaly) and Impacts on Forecasts -- ECMWF	1:30
Bill Campbell	NRL	Evaluations of Suomi NPP Data (e.g., bias, anomaly) and Impacts on Forecasts -- NRL	1:45
Krishna Kumar	JCSDA	JCSDA Data Denial Experiment Results – Impact of JPSS Data Gap on NWP Forecast Skill	2:00
Coffee Break			2:30

Session 4: Suomi NPP Data User Experiences and Recommendations for Further Improvements <i>Chair: Changyong Cao</i>			3:00-5:00 pm
Presenter	Affiliation	Title	Start time
Jack Xiong	NASA	Evaluation of Suomi NPP VIIRS SDR Quality	3:00
Glen Jaross	NASA	Evaluation of Suomi NPP OMPS SDR	3:20
Ivan Csiszar	NESDIS/STAR	Evaluation of Suomi NPP VIIRS Land EDR	3:40
Junqiang Sun	NESDIS/STAR	Improvement of VIIRS Suomi NPP SDR for Ocean Color EDR Science Quality Reprocessing	4:00
Mark Liu	NESDIS/STAR NOAA/JPSS	NUCAPS and MIRS Product Assessments	4:20
Larry Flynn Craig Long	NESDIS/STAR NWS/CPC	OMPS EDR Product Assessments	4:40
Adjourn			5:00

Wednesday, May 18, 2016

Session 5: Demonstrating the Improved and Advanced Calibration and Validation Algorithms for Reprocessing Applications <i>Chair: Tom Atkins</i>			8:30-9:50 am
Presenter	Affiliation	Title	Start time
Yong Han	NESDIS/STAR	Latest Improvements of CrIS SDR Sciences and Algorithms for Reprocessing	8:30
Hu (Tiger) Yang	NESDIS/STAR	Latest improvements of ATMS TDR SDR Sciences and Algorithms for Reprocessing	8:45
Changyong Cao	NESDIS/STAR	Latest Improvements of VIIRS SDR Sciences and Algorithms for Reprocessing	9:00
Chunhui Pan	NESDIS/STAR	Latest Improvements of OMPS SDR Sciences and Algorithms for Reprocessing	9:15
Menghua Wang	NESDIS/STAR	NOAA MSL12 for VIIRS Ocean Product Reprocessing	9:30
Coffee Break			9:50

Session 6: Understanding the Potential Impacts of the Reprocessed Suomi NPP Data <i>Chair: Fuzhong Weng</i>			10:20 am-12:00 pm
Presenter	Affiliation	Title	Start time
Xiaolei Zou	ESSIC/UMD	Lessons Learned from GSI ATMS QC for Improving AMSU-A and MHS Data Assimilation	10:20
Likun Wang	NESDIS/STAR	Uses of CrIS SDR as GSICS Reference	10:35
Liam Gumley	CIMSS	CIMSS Reprocessed Products	10:50
Sasha Ignatov/Eileen Maturi	STAR	VIIRS SST After Reprocessing	11:05
Shobha Kondragunta	NESDIS/STAR	VIIRS Aerosol Reprocessing	11:20
Istvan Laszlo	NESDIS/STAR		
Andrew Heidinger	NESDIS/STAR	Reprocessed VIIRS Cloud Products	11:35
Lunch Break			12:00

Session 7: Developing Baseline Approaches, Schedules, and Plans for SDR and EDR Reprocessing: Issues, Challenges, and Next Steps <i>Chair: Lihang Zhou</i>			1:00-3:30 pm
Presenter	Affiliation	Title	Start time
Fuzhong Weng	NESDIS/STAR	SDR Reprocessing	1:00
Paul Digiacomio	NESDIS/STAR	Ocean Reprocessing	1:15
Ivan Csiszar	NESDIS/STAR	Land Reprocessing	1:30
Ralph Ferraro	NESDIS/STAR	Precipitation/Hydrology Reprocessing	1:45
Walter Wolf	NESDIS/STAR	Enterprise Algorithms for Reprocessing	2:00
Nancy Ritchey	NESDIS/NCEI	Enterprise Archive for Reprocessed Data	2:15
Lihang Zhou	NESDIS/STAR	Discussions and Q&A	2:30
Fuzhong Weng	NESDIS/STAR	Closing Remarks	3:25
Adjourn			3:30