



Agenda

MODIS Science Team Meeting
Sheraton Columbia Town Center Hotel
April 29 – May 1, 2014; Columbia, MD

Morning Session, Tuesday, April 29, 8:30 am - 11:45 am

Registration	7:00 am
MODIS Plenary Michael King, Chair	
“Welcome–Review of Agenda, meeting logistics” Michael King, University of Colorado	8:30 am
“NASA’s Earth Science Program: Near-term and Long-term Prospects” Mike Freilich, Director of Earth Science Division, NASA Headquarters	8:45 am
“ROSES 2013 Selections and the MODIS Science Team” Paula Bontempi, MODIS Program Scientist, NASA Headquarters	9:15 am
“Terra and Aqua MODIS Instrument Status” Jack Xiong, Goddard Space Flight Center	9:45 am
“Polarization Correction of MODIS Terra: MAIAC Analysis” Alexei Lyapustin, Goddard Space Flight Center	10:15 am
Break	10:45 am
“Terra: Aging Spacecraft and Considerations of Maintaining Mean Local Time vs. Maintaining Altitude and Allowing MLT to Drift” Kurt Thome, NASA Goddard Space Flight Center	11:15 am
Lunch & poster session	11:45 pm

Afternoon Session, Tuesday, April 29, 1:00 pm - 5:00 pm

Data Product & Algorithm Status

Collection 6 Atmosphere Algorithms and Science Analysis
Steve Platnick, Chair

“Cloud Mask, Cloud Top Properties, and Atmospheric Profiles” Steve Ackerman, Paul Menzel, Bryan Baum, and Eva Borbás CIMSS, University of Wisconsin-Madison	1:00 pm
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<p>“Cloud Optical Properties” Steve Platnick, Gala Wind, Goddard Space Flight Center</p>	1:30 pm
<p>“Aerosol Properties: Dark Target Algorithm” Rob Levy and Leigh Munchak, Goddard Space Flight Center</p>	1:50 pm
<p>“Aerosol Properties: Deep Blue Algorithm” Christina Hsu and Andy Sayer, Goddard Space Flight Center</p>	2:10 pm
<p>Break</p>	2:30 pm
<p>Collection 6 Land Algorithms and Science Analysis Steve Running, Chair</p>	
<p>“Surface Reflectance over Land” Eric Vermote, Goddard Space Flight Center</p>	3:00 pm
<p>“BRDF/Albedo: Status and Updates” Crystal Schaaf, University of Massachusetts-Boston</p>	3:20 am
<p>“Vegetation Indices: What is changed and new in Collection 6” Kamel Didan, University of Arizona</p>	3:40 pm
<p>“Land Cover and Land Cover Dynamics Products” Mark Friedl, Boston University</p>	4:00 pm
<p>“Snow Cover and Sea Ice” Dorothy Hall and George Riggs, Goddard Space Flight Center</p>	4:20 pm
<p>“Land Surface Temperature and Emissivity Products” Simon Hook, Jet Propulsion Laboratory</p>	4:40 pm
<p>Adjourn</p>	5:00 pm
<p>Morning Session, Wednesday, April 30, 8:30 am - 12:10 pm</p>	
<p>Collection 6 Land Algorithms and Science Analysis Steve Running, Chair</p>	
<p>“Thermal Anomalies and Fire” Louis Giglio and Chris Justice, University of Maryland</p>	8:30 am
<p>“Seasonality of Amazon Forests Not A Sensor Illusion” Ranga Myneni, Boston University</p>	8:50 am
<p>“Vegetation Continuous Fields” John Townshend and Charlene DiMiceli, University of Maryland</p>	9:10 am

“MAIAC: Multi-Angle Implementation of Atmospheric Correction” Alexei Lyapustin, Goddard Space Flight Center	9:30 pm
Break	9:50 am
“GPP, NPP and ET” Steve Running, Maosheng Zhao, and Qiaozhen Mu, Univ. of Montana	10:20 am
“New GIMMS3g NDVI Dataset” Compton Tucker, Goddard Space Flight Center	10:40 am
Ocean Algorithms and Science Analysis Bryan Franz, Chair	
“Remote Sensing Reflectance and Derived Products: Bryan Franz, Goddard Space Flight Center	11:00 am
“Sea Surface Temperature” Peter Minnett and Bob Evans, University of Miami	11:30 am
“Particulate Inorganic Carbon” Barney Balch, Bigelow Laboratory for Ocean Sciences	11:50 am
Lunch	12:10 pm
Afternoon Session, Wednesday, April 30, 1:30 pm - 6:00 pm	
Ocean Algorithms and Science Analysis Bryan Franz, Chair	
“Inherent Optical Properties” Jeremy Werdell and Bryan Franz, Goddard Space Flight Center	1:30 pm
Data Systems and User Experiences Ed Masuoka, Chair	
“MODAPS: Forward Processing, Reprocessing, and Data Distribution” Ed Masuoka, Goddard Space Flight Center	1:50 pm
“Citing Data Sets in the Literature: Use of DOIs” Bob Cook, Oak Ridge National Laboratory DAAC	2:10 pm
“Ocean Color Production & Distribution from the Ocean Biology DAAC” Gene Feldman, OB.DAAC, Goddard Space Flight Center	2:30 pm
“Land Data Distribution from the LPDAAC” Chris Doescher, LPDAAC, EROS Data Center	2:50 pm

“National Snow and Ice Data Center: Data Use and Distribution” Doug Fowler, NSIDC, University of Colorado	3:10 pm
Break	3:30 pm
“Sea Surface Temperature Distribution from the PO.DAAC” Robert Toaz or designate, PO.DAAC, Jet Propulsion Laboratory	4:00 pm
“Research Capabilities of Giovanni: The Past and the Near-Future” Jim Acker, Goddard Earth Science Data and Information Science Center	4:20 pm
MODIS Plenary	
“Closing Remarks” Michael King, University of Colorado	4:40 pm
Adjourn	5:00 pm
Morning Session, Thursday, May 1, 8:30 am - 12:15 pm	
MODIS Calibration Workshop	
MODIS operation, calibration, and performance	8:30 am
Adjourn	12:00 pm