AGENDA

MODIS Science Team Meeting
May 2 - 5, 1995, at Greenbelt Marriott

Tuesday, May 2:
    8:30 - 5:00 MODIS Calibration Working Group (in Salon A)

Wednesday, May 3 (in Salon C & D):
    8:00 Registration
    8:30 Welcome & MODIS Overview/Meeting Goals---------- V. Salomonson
    8:45 Headquarters Perspective---------------------------- R. Frouin, D. Wickland
    9:15 EOSDIS Status Report --- D. Harris
    9:45 EOS AM Platform Status Report ----------------------------------- C. Scolese
    10:00 BREAK
    10:15 Data Assimilation -- R. Rood
    11:00 SDST Status Report ------------------------------------- E. Masuoka, A. Fleig
    11:30 EOS Test & Simulation Data --------------------------------------- S. Reber
    12:00 LUNCH
    1:00 MODIS Project Update --- D. Weber
    1:20 SBRC Status Report --- L. Tessmer
    2:00 EM Test Results -- L. Tessmer
    2:30 MCST Status Report -- B. Guenther
    3:00 BREAK
    3:15 SWAMP Update -- P. Sellers
    3:45 ATSR Presentation --- I. Barton
    4:15 CEOS Meeting Summary -- I. Barton

Thursday, May 4:
    8:00 - 5:00 Science Team Member Discussions (see details)
    6:00 - 9:00   Social & Banquet at Newton White Mansion, with guest speaker
            Mr. Ted Kaehler

Friday, May 5:
    8:00 - 12:00 Science Team Member Discussions (continued)
    12:00 LUNCH
    1:00 Calibration Plenary Summary Report--------------------------------P. Slater
    1:30-3:00   10-minute Roundtable Summary Reports (1-9) --------- Moderators
    3:00 BREAK
    3:15-4:30   10-minute Roundtable Summary Reports (10-16) ------ Moderators
    4:30 Q&A, Action Items and Closing Remarks ----------------- V. Salomonson
    5:00 ADJOURN MEETING

Strawman AGENDA
MODIS Science Team Meeting
Thursday, May 4, 1995, at Greenbelt Marriott

TIME	SALON C		SALON D	
8:00 - 8:30 a.m.	Budget & Options for adding ST Members — V. Salomonson			
8:30 - 9:00	EOS Project Science Report — M. King		**CLOSED SESSION: Science Team Only**	
9:00 - 9:30	EOS Calibration Scientist — J. Butler			
9:30 - 10:00	EOS AM Validation Scientist — D. Starr			
10:00 - 10:30	Remote Sensing of Aerosol and Atmospheric Corrections		Gridding & Averaging	
10:30 - 11:00				②
11:00 - 11:30			Resampling & Remapping Procedures	
11:30 - noon		①		③
noon - 12:30 p.m.	**L U N C H**			
12:30 - 1:00				
1:00 - 1:30	Algorithm Integration		Remote Sensing in the IR	
1:30 - 2:00				
2:00 - 2:30		④		⑤
2:30 - 3:00	Simulated Data & Software Verification		Remote Sensing in the IR (Part 2)	
3:00 - 3:30		⑥		⑤
3:30 - 4:00				

	SALON C		SALON D		Montpelier Room	
4:00 - 4:30	MODIS Data Product Browse Capability		Ancillary Data & Assimilation		SCAR - B Update	
4:30 - 5:00	*Salon C*	⑦	*Salon D*	⑧	*Montpelier Room*	⑨

Descriptions of Roundtables

(1) **Remote Sensing of Aerosol and Atmospheric Corrections:** Strategies should be discussed for the development of these algorithms, as well as ways they may complement one another and ways they differ. Other discussion topics include verification of the aerosol products after launch, use of simulated data sets of Gordon and Tanre, input parameters, wind speed, ozone, and water vapor.
Moderator: Yoram Kaufman; Suggested Panelists: Howard Gordon, Didier Tanre, Eric Vermote, Zhengming Wan, Robert Frouin, Teruyuki Nakajima, Robert Fraser, Dorothy Hall, & Dave Diner

(2) **Gridding & Averaging:** Discussion should focus on the data structures for Level 2 and gridding and compositing of Level 3 products, and the use of models.
Moderator: Alan Strahler; Requested Panelists: Bob Evans, Alfredo Huete, Robert Wolfe, Chris Justice, Paul Menzel, Joann Harnden, Jan-Peter Muller, Ed Masuoka, & Dave Diner (or designate)

(3) **Resampling & Remapping Procedures:** Discussion should take into consideration effects on corrections, calibration data, and validation efforts. Discussion should also include ideas for better characterization of the MODIS bands based on utilizing information from the "bowtie" effect, and how the bowtie effect affects Level 2 processing.
Moderator: Alan Strahler; Requested Panelists: Steve Ungar, John Barker, Al Fleig, Ian Barton, Frank Hoge, Michael King, & Dave Diner (or designate)

(4) **Algorithm Integration:** Discuss the schedule of algorithm integration and testing of algorithm performance.
Moderator: Ed Masuoka; Panelists: Barbara Putney, Bob Evans, Chris Justice, Robert Wolfe, & Michael King

(5) **Remote Sensing in the IR:** Land and ocean temperature, fires, emissivities, atmospheric profiles. Discussion should take any problems into consideration; e.g., no solar channels at night unless with a special order. What assumptions are being made? Discussion should also include instrument characteristics, as well as preflight and inflight calibration methodologies.
Moderator: Bill Barnes; Requested Panelists: Ian Barton, Zhengming Wan, Phil Slater, Steve Running, Jim Smith, Didier Tanre, Yoram Kaufman, Paul Menzel, Anne Kahle, & Eric Vermote

(6) **Simulated Data & Software Verification:** Discuss the schedule of generation of the simulation data set in stages, simulation of sensor problems, bad pixels, bad channels. The roles of SDST, MCST, and Team Members will also be discussed.
Moderator: Wayne Esaias; Requested Panelists: Frank Hoge, Barbara Putney, Alfredo Huete, Alan Strahler, Al Fleig, Steve Ungar, Joann Harnden, John Barker, Bob Evans, Michael King, Steve Ackerman, and Jan-Peter Muller.

(7) **MODIS Data Product Browse Capability:** TBD
Moderator: Al Fleig; Requested Panelists: John Barker, Jan-Peter Muller, Alan Strahler, Didier Tanre, Dennis Clark, Kathy Strabala, & Marghi Hopkins

(8) **Ancillary Data and Assimilation:** The objective is to summarize MODIS ancillary data needs, the status of requirement specifications, data dependency issues, responsibilities for securing data, and integration and timing concerns.
Moderator: Kendall Carder; Panelists: Steve Running, Ed Masuoka, Bob Evans, Eric Vermote, Zhengming Wan, Ricky Rood, Paul Menzel, & Matt Schwaller

(9) **SCAR - B Update:** A status update on the Amazon campaign. Discussion will include a MAS status report, and summaries of Atmosphere and Land Group activities.
Moderator: Yoram Kaufman; Suggested Panelists: Michael King, Elaine Prins, Chris Justice, Alfredo Huete, Teruyuki Nakajima, Steve Ungar, & Howard Gordon

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Friday, May 5, 1995, at Greenbelt Marriott

TIME	SALON C	SALON D
8:00 - 8:30 a.m.	Cloud Masking & Cloud Products	Product Generation, Standard Research, & Resources ⑪
8:30 - 9:00		DAAC-TLCF-SCF Interactions for Standard & Research Product Generation ⑫
9:00 - 9:30	⑩	
9:30 - 10:00	Cloud Masking & Cloud Products (Part 2)	MODIS Data Quality Assurance ⑬
10:00 - 10:30		
10:30 - 11:00	⑩	MODIS Data Validation ⑭
11:00 - 11:30	Plans for flying aircraft sensors over ocean test sites	Vicarious Level 1 Calibration, L1 ATBD, & Lunar Views
11:30 - noon	⑮	⑯
noon - 12:30 p.m.	**L U N C H**	
12:30 - 1:00		
1:00 - 1:30	Cal. Summary Report	
1:30 - 2:00	10-minute Summary Reports	
2:00 - 2:30		
2:30 - 3:00		
3:00 - 3:30		
3:30 - 4:00	10-minute Summary Reports	
4:00 - 4:30		
4:30 - 5:00	Closing Remarks	

Descriptions of Roundtables

(10) **Cloud Masking & cloud products:** Discussion should include testing for accuracy and residuals, identifying optical effects for each cloud flag, integration with the products, 3-D clouds, and shadows.
Moderator: Vince Salomonson; Panelists: Steve Ackerman, Dorothy Hall, Zhengming Wan, Eric Vermote, John Barker, Alfredo Huete, Otis Brown, Howard Gordon, Yoram Kaufman, & Crystal Schaaf.

(11) **Resources for Product Generation (Standard and Research):** Discussion will include computer resource allocation for standard and research products, TLCF capacity and needs, as well as SCF capacity and needs.
Moderator: Wayne Esaias; Requested Panelists: H.K. Ramapriyan, Ed Masuoka, Alan Strahler, Steve Running, Jan-Peter Muller, Bob Evans, & Michael King

(12) **DAAC-TLCF-SCF Interactions for Standard & Research Product Generation:** what is being done at the DAACs to pre-pare for MODIS? How is the Level 2 and Level 3 GSFC-EDC network issue being worked?
Moderator: Ed Masuoka; Requested Panelists: Jeff Eidenshink, Al Fleig, Chris Justice, Paul Chan, Bob Evans, Steve Running, Wayne Esaias, Michael King, & Steve Ungar

(13) **MODIS Data Quality Assurance Plan: TBD**
Moderator: Bob Evans; Panelists: Robert Frouin, Frank Hoge, Alan Strahler, Jan-Peter Muller, Dave Starr, & Didier Tanre, and Al Fleig

(14) **MODIS Data Validation:** The objective is to establish a conceptual framework for MODIS product validation and provide a forum for discussion of ongoing activities. Opportunities for resource sharing and critical resource gaps will also be discussed.
Moderator: Chris Justice; Panelists: Michael King, Robert Frouin, Dennis Clark, Phil Slater, Frank Hoge, Steve Running, Alfredo Huete, Zhengming Wan, Didier Tanre, Teruyuki Nakajima, Dave Starr, & Brent Holben

(15) **Plans for Flying Aircraft Sensors over Ocean Test Sites: TBD**
Moderator: Frank Hoge; Suggested Panelists: Dennis Clark, Michael King, Paul Menzel, Otis Brown, Dave Starr, & Steve Ungar

(16) **Vicarious Level 1 Calibration, L1 ATBD, & Lunar Views: TBD**
Moderator: Phil Slater; Suggested Panelists: Bruce Guenther, Jim Butler, Wayne Esaias, Eric Vermote, Yoram Kaufman, Al Fleig, & John Barker