## MODIS Atmosphere Group Meeting
## BWI Marriott Hotel, Linthicum
### December 17, 2001

**Morning Session, Monday, December 17, 8:45 am  - 12:15 pm**

"Review of Agenda & Expected Outcome of Meeting"                    8:45 am
Michael King, NASA Goddard Space Flight Center

**Data Processing & Post-Launch Evaluation**

"MODIS Data Flow: Goddard DAAC and MODAPS Production            9:00 am
Status and Plans"
Bill Ridgway, SSAI, Inc., NASA Goddard Space Flight Center

"PGE Framework and Status of Aqua Data Processing"             9:30 am
Rich Hucek, MODIS Science Data Support Team

Break                                                         10:00 am

"MODIS Instrument & Algorithm Performance: Destriping,        10:15 am
1.38 μm Band, Water Vapor Retrieval Over Deserts, & Cloud Mask"
Steve Ackerman and Chris Moeller, University of Wisconsin

**Science Analysis of MODIS Data**

"MODIS Surface Albedos and Distribution of Global Ecosystem Types"10:45 am
Eric Moody, Emergent Technologies, Goddard Space Flight Center,
Steve Platnick, University of Maryland Baltimore County, and
Michael King, NASA Goddard Space Flight Center

"Atmospheric Correction of MODIS Visible and SWIR Bands:      11:15 am
Application to Cloud Optical Property Retrievals
Jason Li, Emergent Technologies, Goddard Space Flight Center,
Steve Platnick, University of Maryland Baltimore County, and
Michael King, NASA Goddard Space Flight Center

**Science Analysis of MODIS Data**
TBD                                                          11:45 am

Lunch                                                        12:15 pm

**Science Analysis of MODIS Data**

| | |
|---|---|
| "Improvements to MODIS Near-IR Water Vapor and Cirrus: Reflectance Algorithms" <br> Bo-Cai Gao, Naval Research Laboratory | 1:30 pm |

**Correlative Measurements of Use in Data Validation**

| | |
|---|---|
| "MODIS Cloud Property Product Comparisons with ARM Data Recent Results" <br> Gerald Mace, University of Utah | 2:00 pm |
| "Ground-Based Arctic Cloud Properties for Multi-year Comparisons to CERES, MODIS, and MISR" <br> Paquita Zuidema, Taneil Uttal, Matthew Shupe, Sergey Matrosov, and Shelby Frisch, NOAA Environmental Technology Laboratory | 2:30 pm |
| Break | 3:00 pm |
| "Terra MODIS Aerosol and Water Vapor Validation using ARM SGP Data" <br> Rich Ferrare, NASA Langley Research Center, and <br> Dave Whiteman, NASA Goddard Space Flight Center | 3:15 pm |
| "Terra MODIS Aerosol and Water Vapor Validation using ARM SGP Data" <br> Rich Ferrare, NASA Langley Research Center, and <br> Dave Whiteman, NASA Goddard Space Flight Center | 3:45 pm |

**Field Experiments and Validation**

| | |
|---|---|
| "CLAMS: Chesapeake Lighthouse and Aircraft Measurements for Satellites" <br> Lorraine Remer, NASA Goddard Space Flight Center, and <br> Charles Gatebe, University of Maryland Baltimore County | 4:15 pm |
| "Dust Characterization at ACE-Asia Source Region: A Satellite/ Surface Perspective" <br> Si-Chee Tsay, NASA Goddard Space Flight Center | 4:45 pm |

**Future Plans**

| | |
|---|---|
| "Plans for Release of Validated Data Products & Publications" <br> MODIS Atmosphere Team & Associate Team Members | 5:15 pm |
| Adjourn | 6:00 pm |