

# AGENDA

## *Fourth GOES Users' Conference*

"Preparing for a New Era"

**May 1-3, 2006**

***Omni Interlocken Resort Hotel  
Broomfield, CO***

(Broomfield is located approximately 10 miles southeast of Boulder, CO)

***Conference Goal:*** *Help Users Prepare for GOES-R*

***Conference Objectives:***

- 1) Seek ways/define methodologies to ensure user readiness for GOES-R;
- 2) Continue to improve communication between NOAA and the GOES user communities;
- 3) Inform users on the status of the GOES-R constellation, instruments, and operations;
- 4) Promote understanding for the various applications of data and products from the GOES-R series;

***Expected Outcomes:*** to gather and document user feedback on:

- Data and product distribution options
- GOES-R ReBroadcast options
- Prioritizing scan mode change requests
- Archiving centrally or locally produced derived products
- CLASS data formats
- Studies needed to ensure that operational NWP models will be ready to accept and use data from GOES-R
- The proving ground concept, to help ensure it will contribute to a successful beginning of operations of GOES-R
- Perceived risks for complete data usage on "day 1" in the area of algorithm development
- Needs for GOES-R related decision aids to forecasting and warning services
- Promoting user education at all levels: k-high school, academia, management
- Contributions of GOES-R to GEOSS

And to provide the user community an update on GOES-R status and capabilities

## **May 1 (Monday): Omni Hotel**

### ***Session 1: Welcome and Keynote Co-Chairs: Gary Davis and Jim Gurka***

11:00 am Registration (and poster set up)

Lunch (on your own)

1:00 pm	Introduction (logistics, conference format etc)	Jim Gurka, NOAA/NESDIS
1:10 pm	Welcome/ Opening Remarks/ Conference goals	Mark Mulholland, NOAA/NESDIS
1:20 pm	GOES Program status	Mary Kicza, NOAA Deputy Assistant Administrator for Satellite and Information Services
1:40 pm	GOES-R Program Overview	Tony Comberiate, NOAA/NESDIS
2:00 pm	Keynote Address: Advances in Geosynchronous Observations of the Earth and Atmosphere	Paul Menzel, Chief Scientist, NOAA/NESDIS/STAR
2:30 pm	Dialog with speakers	
3:00 pm	Break	

### ***Session 2: Geostationary Satellites as a part of GEOSS Co-Chairs: Paul Menzel and Eric Madsen***

3:15 pm	WMO Activities/GEOSS Plans	Dr. Don Hinsman, WMO Space Programme Office
3:30 pm	Plans for China's Satellite Program	Dr. Jim Purdom, CSU/CIRA
3:45 pm	Plans for EUMETSAT's Satellite Program	Ernst Koenemann, EUMETSAT
4:00 pm	Plans for India's Satellite Program	Dr. P.C. Joshi, Indian Space Research Organization
4:15 pm	Plans for Japan's Satellite Program	Naotaka Uekiyo, Japan Meteorological Agency
4:30 pm	Plans for Korea's Satellite Program	Dr. Hee-Hon Lee, Department of Meteorological Satellites, Korean Meteorological Agency
4:45 pm	Plans for Russia's Satellite Program	Dr. Valery Evdokimov, Russian Federal Service for Hydrometeorological and Environmental Monitoring
5:00 pm	Considerations for GOES-R Readiness in Canada	Mike Manore, Meteorological Service of Canada
5:15 pm	Dialog with International Speakers	All
5:30 pm	Introduction to posters	Tim Schmit, NOAA/NESDIS
6:00 pm	Icebreaker and Poster viewing	

## **May 2 (Tuesday): Omni Hotel**

### ***Session 3: Information Briefings: Baseline Instruments Co-Chairs: Tim Schmit and Steven Hill***

8:00 am	Registration/ continental breakfast	
8:30 am	Announcements (as necessary)	Jim Gurka, NOAA/NESDIS
8:35 am	Advanced Baseline Imager (ABI)	Tim Schmit, NOAA/NESDIS
9:00 am	GOES Lightning Mapper - Description and Applications	Dennis Boccippio, NASA and Joe Schaefer, NOAA/NWS
9:20 am	Hyperspectral Environmental Suite (HES) Sounder	Paul Menzel, Chief Scientist, NOAA/NESDIS/STAR
9:45 am	GOES-R Coastal Waters Imaging and the COAST Risk Reduction Activities	Curt Davis, OSU
10:05 am	Solar Imaging and Space Environment In-Situ Suites	Howard Singer NOAA/NWS
10:25 am	Dialog with speakers	All
10:35	Break	

### ***Session 4: GOES-R User Readiness - Issues I CONOPS, Archive, Data Distribution, Numerical Weather Prediction (NWP) Co-Chairs: Tim Walsh and Ken Carey***

10:50 am	Third GOES-R Users' Conference Recommendations: User Readiness Issues	Jim Gurka, NOAA/NESDIS
11:00 am	GOES-R Instrument CONOPS Considerations	Tim Walsh, NOAA/NESDIS
11:20 am	Data and Products Archival in the GOES-R era	Rick Vizbulis, NOAA/NESDIS
11:40 pm	Data Distribution	Tom Renkevans, NOAA/NESDIS
12:00 pm	Lunch (on your own)	
1:15 pm	NWP – Readiness for the Next Generation of Satellite	John Le Marshall, Joint Center for Satellite Data Assimilation
1:35 pm	US Air Force and Navy Readiness for GOES-R	Thomas Coe, Air Force Weather Agency and Thomas Lee, Naval Research Lab
1:55 pm	Understanding the Importance of Satellite Data to Operational Fisheries Management	Cara Wilson, NOAA/NMFS
2:15 pm	Dialog with speakers	All
2:30 pm	Break and poster viewing	

**Session 5: Breakout Sessions (User Readiness Issues I)**  
**CONOPS, Archive, Data Distribution, Numerical Weather Prediction (NWP)**  
**Jessica Hartung - IWS**

This year, attendees will meet in breakout groups according to their interest in a particular breakout topic not according to professional disciplines. This will provide more in-depth responses to each question, as the groups will have approximately two hours to discuss one of the topics. The speaker who presented on that breakout topic will join the group to provide expertise and guidance in addition to the professional facilitator and technical lead.

Registration for breakout groups will be available online at time of registration or can be completed at sign-in at the Omni Hotel during the morning of Day 1. Participants are able to join only one breakout group per day. The following are the breakout groups for Session 5. They are numbered according to the standard numbering scheme on NIST's conference registration web site.

**Breakout Group Outline**

Day 2, Breakout Session 1	Concept of Operations
Day 2, Breakout Session 2	Archive
Day 2, Breakout Session 3	Data Distribution
Day 2, Breakout Session 4	Numerical Weather Prediction

Breakout Session groups that are large (above 30) will be separated into two groups. For example, if 60 participants register for CONOPS, then there will be a CONOPS I group with 30 participants and a CONOPS II group with 30 participants.

3:00 pm Breakout Sessions: Concept of Operations, Archive, Data Distribution, Numerical Weather Prediction

5:30 pm Session closes

5:30 - 6:00 Breakout sessions presenters meet with facilitators to prepare presentation

6:30 pm Conference Dinner Speaker: Mike Nelson, Chief Meteorologist, KMGH-TV (Denver)

## May 3 (Wednesday): at Omni Hotel

### **Session 6: User Readiness - Issues II** **(Proving Ground, Algorithm Development, Decision Aids, and User Education and Outreach)** **Co-chairs: Tony Mostek and Kevin Schrab**

8:00 am	Registration/ continental breakfast	
8:30 am	Review of user readiness issues	Jim Gurka, NOAA/NESDIS
8:40 am	Plan for Algorithm Development	Mitch Goldberg, NESDIS/ORA
9:00 am	Proving Ground/Risk Reduction	Kevin Schrab, NOAA/NWS
9:20 am	Decision Aids for Aviation	David Johnson, NCAR
9:40 am	User Education/Outreach	Tony Mostek, NOAA/NWS
10:00 am	Dialog with session 6 speakers	All
10:15 am	Break and POSTER REMOVAL	

### **Session 7: Breakout Session II (User Readiness Issues II)** **(Proving Ground, Algorithm Development, Decision Aids, and User Education and Outreach)** **(Jessica Hartung - IWS)**

See note with Session 5. The following are the breakout groups for Session 7. They are numbered according to the standard numbering scheme on NIST's conference registration web site.

#### **Breakout Group Outline**

Day 3, Breakout Session 5	Proving Ground/Risk Reduction
Day 3, Breakout Session 6	Algorithm Development
Day 3, Breakout Session 7	Decision Aids
Day 3, Breakout Session 8	User Education/Outreach

10:45 am	Breakout sessions: Proving Ground, algorithm Development, Decision Aids, User Education
12:00 pm	Lunch (on your own)
1:15 pm	Breakout sessions continue
3:00 pm	Break and final report preparation
3:30 pm	Breakout Sessions I and II reports
4:45 pm	Closing Remarks