

FINAL – 1/15/08

# **AGENDA**

## ***Fifth GOES Users' Conference***

**January 23-24, 2008**  
**New Orleans, Louisiana**

***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:***

- Promoting user education at all levels: k-high school, academia, management
- increase user understanding of GOES-R products and services
- increase NOAA understanding of user interface needs

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

## ***January 23 (Wednesday):***

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

8:30 am Introductions (logistics, conference format, etc) Jim Gurka, NOAA/NESDIS  
8:45 am Welcome/Conference overview/Goals Abby Harper, NESDIS deputy AA  
9:00 am GOES: a Key Component of GEOSS Mary Kicza NESDIS AA  
9:15 am Keynote Address Bill Hooke  
9:45 am GEO Satellites from a WMO Perspective, Jerome Lefeuille, WMO Space Program  
  
10:15-10:30 am Coffee Break (note has 15 minutes listed)

### ***Session 2: Information Briefings: Baseline Instruments I Co-Chairs: Tim Walsh and Tim Schmit***

10:30 am GOES-R Program Status Greg Mandt, System Program Director  
11:00 am The ABI (Advanced Baseline Imager) on the GOES-R series - Tim Schmit NESDIS STAR  
11:30 am Geostationary Lightning Mapper for GOES-R and Beyond - Steve Goodman NESDIS STAR  
  
12:00 pm Lunch (on your own)

### **12:00-1:30 p.m. Town Hall Meeting: Joining Researchers, Forecasters, and Users to Tackle Challenges in Tropical Cyclone Prediction**

### ***Session 3: Information Briefings: Baseline Instruments II Co-Chairs: Tim Walsh and Tim Schmit***

1:30 pm High Spectral and Temporal Resolution Imaging Sounders for GOES - Hank Revercomb, Space Science and Engineering Center, UW Madison, WI  
1:45 pm GOES-R solar and space environment data products: Benefiting users - Steve Hill NWS SEC  
2:00 pm Poster Preview – Tim Schmit  
2:30 pm Break and AMS Poster Session

### ***Session 4: Geostationary Satellites as a part of GEOSS Co-Chairs: Jim Purdom and Eric Madsen***

#### **Invited Speakers:**

4:00 pm EUMETSAT's Geostationary Satellites as a part of GEOSS – Ernst Koenemann  
4:15 pm Korea - **Ae-Sook Suh**, Korea Meteorological Administration, Seoul, South Korea  
4:30 pm Japan **Toru Hashimoto**, MSC/JMA, Tokyo, Japan  
4:45 pm India **P.C. Joshi**, India Space Research Division, Ahmedabad, India  
5:00 pm China (Jim Purdom)  
5:15 pm Russia (Jim Purdom)  
5:30 pm Sessions ends

## ***January 24 (Thursday)***

### ***Session 5: GOES Data Products & Instrument Operations I***

***Co-Chairs: Robin Pfister and Tom Renkevns***

- 8:30 am Welcome/Administration/Fourth GOES-R Users' Conference recommendations - Jim Gurka
- 8:45 am GOES-R user end-products: requirements process overview Barbara Pfarr
- 9:00 am GOES-R Product List and Implementation Don Gray
- 9:15 am GOES-R Algorithm Working Group (AWG) and its Role in the Development and Readiness of GOES-R Product Algorithms Mitch Goldberg
- 9:30 am GOES-R Ground Segment Overview – Robin Pfister
  
- 9:45 am Coffee and Poster Break

### ***Session 6: GOES Data Products & Instrument Operations II***

***Co-Chairs: Robin Pfister and Tom Renkevns***

- 11:00 am Rapid Scan Operations for GOES Cynthia Hampton, NESDIS/OSO
- 11:15 am Future GOES-R Instrument Operations – Capabilities and Constraints - Tim Walsh

### ***Panel Discussion 1: Future Operations Panel***

- 11:30 am - Moderator Tom Renkevns

AFWA – Captain John McMillan  
NCEP - Joe Schaefer (SPC)  
NWS WFO - Chris Darden (Huntsville WFO)  
New Orleans Weathercaster: Bob Breck - WVUE  
SSEC – Chris Velden  
JCSDA – Dr. Lars Peter Riishojgaard, Executive Director

- 12:15 – 1:30 pm Lunch Presentation: Satellite Meteorology of Tropical Cyclones in the GOES-R Era**  
**Dr. Jack Beven, NOAA/NWS National Hurricane Center**  
***(Box lunch provided courtesy of the GOES-R Industry Partners)***

### ***Session 7: GOES-R Users' Forum I***

***Co-Chairs: Mark DeMaria and Kevin Schrab***

- 1:30 pm Using GOES sea surface temperatures and satellite altimetry to understand hurricane intensity changes – Nan Walker, Louisiana State University
- 1:45 pm Economic Benefits Study Sharon Bard, Consulting Group, LLC.
- 2:00 pm Preparing for GOES-R+ User Training and Education - Tony Mostek, NWS

### ***Panel Discussion 2: International User Panel on Lessons Learned from Current GOES and Implications for GOES-R Preparations***

- 2:15 pm Moderator, Don Hinsman/WMO  
Luiz Machado, National Space Research Institute, São José dos Campos, Brazil;  
Marcelo Colazo, National Commission for Space Activities (CONAE), Buenos Aires, Argentina;  
David Grimes, MSC, Ottawa, Canada;  
Paulo Manso, National Meteorological Institute, San José, Costa Rica

- 3:00 pm Coffee Break

3:30 pm United Airlines Polar Operations Mike Stills, United Airlines  
3:45 pm Use of Satellite Data at National Weather Service Forecast Offices Don Moore, NWS  
4:00 pm GOES imagery applications at the Aviation Weather Center Steve Silberberg, NWS AWC  
4:15 pm Future use of GOES-R in Air Quality Assessments Jim Szykman, EPA  
4:30 pm Application of Multi-Spectral Data to Space Shuttle Landing Operations Doris Hood, NWS  
Spaceflight Meteorology Group  
4:45 pm Final remarks, Greg Mandt, GOES-R SPD  
  
5:00 pm Formal Conference concludes