



AGENDA

6TH GOES USERS' CONFERENCE

3-5 NOVEMBER 2009

MONONA TERRACE COMMUNITY & CONVENTION CENTER
MADISON, WISCONSIN

"Bringing Environmental Benefits to a Society of Users"

Conference Goal: Improve the use of current Geostationary Operational Environmental Satellites and prepare for GOES-R series

Conference Objectives:

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

NOVEMBER 2ND (MONDAY)

5:00 pm The 50th Anniversary of the 1st successful meteorological satellite experiment (on Explorer VII) will be commemorated at the Monona Terrace. The program will consist of presentations in the Lecture Hall, followed by a reception in the Grand Terrace.

NOVEMBER 3RD (TUESDAY): Monona Terrace Exhibit Hall

Session 1: Welcome and Keynote

Co-Chairs: Greg Mandt and Jim Gurka

- 9:00 am Introductions (logistics, conference format, etc) – Jim Gurka, NESDIS/GOES-R Program Office
- 9:05 am Welcome/Conference Overview/Goals – Greg Mandt, GOES-R System Program Director
- 9:10 am NESDIS/NOAA Overview and Satellite Acquisition Status – Abby Harper, NESDIS Deputy AA
- 9:30 am Keynote Address: “Leveraging GOES Capabilities to Maximize Response to User Needs – Don Berchhoff, NWS/OST Director

10:00 – 10:30 am Coffee Break

Session 2: Information Briefings I ***Current GOES Constellation and GOES-N/O/P Series Update***

Co-Chairs: Gary Davis and Tom Renkevans

- 10:30 am GOES Satellite Constellation Status Update – Chris Wheeler, NESDIS/OSO
- 10:45 am GOES User Services Overview – Brian Hughes, NESDIS/OSDPD
- 11:00 am Current Use and Benefit of GOES data within NWS – Louis Uccellini, NWS/NCEP Director
- 11:15 am Operational GOES Hazard Overview in the Satellite Analysis Branch – Jamie Kibler, NESDIS/OSDPD
- 11:30 am Current GOES Direct Readout Overview – Paul Seymour, NESDIS/OSDPD
- 11:45 am Short Break

12:00 – 1:30 pm (meal provided)

Lunch Panel: ***Status and Plans for GEO and HEO Satellites in the*** ***International Community***

Co-Chairs: Martin Medina and Paul Menzel

- WMO: Jerome LaFeuille
- Brazil: Dr. Carlos Federico Angelis, INPE/CPTEC
- Canada: Dr. Louis Garand, Environment Canada
- China: Dr. Jun Yang, China Meteorological Agency
- EUMETSAT: Dr. Johannes Schmetz, Head, Meteorological Division
- India: Devi Prasad Karnik, Space Counselor, Embassy of India in DC
- Japan: Yoshinori Yoshimura, JAXA
- South Korea: Dr. Ae-Sook Suh, Korea Meteorological Administration

Session 3: Information Briefings II ***GOES-R Program and Earth-Observing Instruments***

Co-Chairs: Chris Velden and Jaime Daniels

- 1:30 pm GOES-R Program Status – Greg Mandt, GOES-R System Program Director
- 1:45 pm GOES-R Spacecraft – Jamison Hawkins, Lockheed Martin
- 2:00 pm The ABI (Advanced Baseline Imager) on the GOES-R series – Tim Schmit, NESDIS/STAR
- 2:15 pm The ABI Instrument Development – Jim Gurka, NESDIS/GOES-R Program Office
- 2:30 pm The GLM (Geostationary Lightning Mapper) on the GOES-R series – Steve Goodman, GOES-R Program Scientist
- 2:45 pm GLM instrument development – Earl Aamodt, Lockheed-Martin

3:00 – 3:30 pm Coffee and Poster Break

Session 4: Information Briefings III
Solar and Space, Ground Systems and Products
Co-Chairs: Hal Bloom and Ken Carey

3:30 pm GOES-R solar and space environment data products: benefiting users – Joe Kunches, NWS
3:45 pm GOES-R Ground Systems – your portal to the future – Robin Pfister, Deputy GOES-R GS Project Lead
4:00 pm GOES-R Ground System – Denny Hansen, Harris Corporation
4:15 pm GOES-R Access System (GAS) – Reginald Lawrence, NESDIS/OSD
4:30 pm GOES-R Products and their algorithms – Jaime Daniels, NESDIS/STAR
4:45 pm HRIT/EMWIN – Santos Rodriguez, NWS/EMWIN
5:00 pm Poster Summary – Tim Schmit, NESDIS/STAR

5:30 – 7:30 pm ***Reception, Poster Reviews and HRIT/EMWIN Demonstration***
Poster Topics: Hazards, Readiness/Training, Hydrology, Atmosphere, Ocean, Land, Space/Solar, Imagery, Instruments, Processing, Distribution, Climate Applications

NOVEMBER 4TH (WEDNESDAY): Monona Terrace Exhibit Hall

Session 5: GOES-R User Readiness
Co-Chairs: Steve Goodman and Mike Johnson

8:30 am Welcome/Administration/Previous GOES-R Users' Conference recommendations – Jim Gurka
8:35 am GOES-R Proving Ground Activities
 Introduction – Jim Gurka
 CIMSS – Wayne Feltz
 CIRA – Mark DeMaria
 SPoRT – Gary Jedlovec
9:30 am GOES-R and CLASS – Bob Lutz, GOES-R GSP
9:45 am GOES-R Direct Readout Systems – Richard G. Reynolds, SGT, Inc.
10:00 am Education & Training – Tony Mostek, NWS

10:15 – 10:45 am Coffee and Poster Break / Facilitators and technical advisors meeting

Session 6: Breakout Questions/Issues/Logistics
Co-Chairs: Tim Schmit and Tom Renkevans

10:45 am Introductions to the various breakout groups with issues they will discuss and Logistics
 Overview of break-out sessions and questions – Tim Schmit and Tom Renkevans
 Development of NWS satellite user readiness – Mike W. Johnson, NWS Office of Science and Technology
 “Rules of Engagement” – Kathleen Paris, lead facilitator
 Logistics and locations – Tim Schmit
11:45 am Short Break

12:00 – 2:00 pm (meal provided)

***GOES-R Town Hall Meeting:
“The Need for an Advanced Sounder on GOES”***

Chair: Chris Velden

Moderator: Gary Davis

12:15 pm Topic Issues and Panelist Introductions – Gary Davis, NESDIS/OSD Director

Panelist Presentations

Overview of Hyperspectral Sounding Opportunities – Hank Revercomb, UW/SSEC

NWP Perspectives – Robert Aune, NESDIS/STAR

NWS Perspectives – Jeff Craven, SOO, NWS/MKE

NHC Perspectives – Jack Beven, Hurricane Forecaster, NWS/NHC

International Perspectives – Jo Schmetz, EUMETSAT

1:15 pm Audience Q/A and Discussion

1:45 pm Wrap-up and Adjourn – Gary Davis

2:00 – 5:30 pm

Session 7: Breakouts

Atmosphere Session A in Meeting Rooms MNQR

Atmosphere Session B in Hall of Ideas E

GOES Transition – 11 through R series Session A in Hall of Ideas F

GOES Transition – 11 through R series Session A in Hall of Ideas G

ABI in Meeting Rooms KLOP

Training in Hall of Ideas H

Product Distribution, Implementation & Processing in Hall of Ideas I

Ocean/Land/Solar & GLM/SEISS in Hall of Ideas J

3:30 – 4:00 pm Coffee Break (Posters taken down)

6:30 – 8:00 pm

Banquet – The Concourse Hotel

Speakers: “The Weather Guys” – Jon Martin & Steve Ackerman

NOVEMBER 5TH (THURSDAY): Monona Terrace Lecture Hall

8:30 am

Session 8: Breakout Session Results and Wrap-Up

Chair: Shanna Pitter

10:00 – 10:30 am Coffee Break

Session 9: A Look into the Future

Chair: Steve Goodman

10:30 am Future NASA Earth Observation Missions – Jack Kaye, NASA

10:50 am NASA Geostationary Coastal and Air Pollution Events (GEO-CAPE) Mission – Jay Al-Saadi, NASA

11:10 am Roadmap for Satellite Data in AWIPS – Deirdre Jones, NWS

11:30 am

Luncheon – Hall of Ideas

“Imagining the Future” – Steve Ackerman

(Box Lunches available)

1:00 – 3:00 pm

McIDAS V Demonstration – Tom Whittaker – Lecture Hall