



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 – Gary Davis, Director, NOAA/NESDIS/OSD
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 Renkevics

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: Paul Menzel and Martin Medina

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
Russia: Presented by Dr. W. Paul Menzel

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 – Hugh Christian, University of Alabama at Huntsville

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: Abby Harper

12:15 pm 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 – Abby Harper, NESDIS Deputy AA

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 B 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

Atmosphere Session A

Atmosphere Session B

GOES Transition – 11 through R series Session A & B

ABI

Training

Product Distribution, Implementation & Processing

Ocean/Land/Solar & GLM/SEISS

Common Questions

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