

NOAA's Annual Climate Data Record Conference Agenda

NCDC Conference Room 400
July 31, August 1 – 2, 2012

Tuesday, July 31st

8:30am-9:00am
Registration

Day 1

Session A: A Growing National Interest in Use-Inspired Science -- Moderator, Jesse Glance

9:00am-9:10am
Welcome
Jeff Privette, NOAA/NCDC

9:10am-9:40am
[Use-Inspired CDR Science and Applications: Pasteur in the 21st Century](#)
John Bates, NOAA/NCDC

9:40am-10:10am
[The NOAA and NCDC Response to Use-Inspired Science and Applications](#)
Mike Tanner, NOAA/NCDC

10:10am-10:20am
Break

10:20am-10:50am
[NASA's Earth Science Data Record \(ESDRs\)](#)
Jack Kaye, NASA/HQ

10:50am-11:10am
CDR Program Structure for Use-Inspired Science and Applications
Jesse Glance, NOAA/NCDC

11:10am-12:30pm
Lunch on your own

Session B: New Investigators – Moderator: Jesse Glance

12:30pm-12:50pm
[Calibration of Solar Reflectance Fundamental CDR Using the Moon](#)
Tom Stone, USGS

12:50pm-1:10pm
[Development of a 3-hourly global TOA-to-surface Radiative Flux CDR](#)
Yuanchong Zhang, Columbia University

1:10pm-1:30pm

[A Sea Level Fundamental CDR](#)

Philip Callahan, NASA/JPL

1:30pm-1:50pm

[Ozone, Water Vapor and Temperature CDRs for the Stratosphere](#)

Karen Rosenlof, NOAA/ESRL

1:50pm-2:10pm

[The Global Precipitation Climatology Project \(GPCP\) CDR Bundle](#)

Bob Adler, University of Maryland

2:10pm-2:30pm

[Operational Precipitation from GPCP: PERSIANN](#)

Soroosh Sorooshian, University of California – Irvine (Presented by Kuolin Hsu, University of California – Irvine)

2:30pm-2:50pm

[The High Resolution Precipitation CDR over U.S. from NEXRAD](#)

Brian Nelson, NOAA/NCDC

2:50pm-3:00pm

Break

Session C: Continuing CDRs Supporting Water-Related Applications – Moderator: Jesse Glance

3:00pm-3:20pm

[Sustainment of SSM/I and AMSU CDRs](#)

Frank Wentz, Remote Sensing Systems, Inc.

3:20pm-3:40pm

[A Fundamental CDR of SSM/I, SSMIS and Future Microwave Imagers](#)

Christian Kummerow, Colorado State University

3:40pm-4:00pm

[A Hydrologic Bundle CDR Package](#)

Ralph Ferraro and Huan Meng, NOAA/STAR

4:00pm-4:20pm

[The HIRS Cloud and Moisture CDR Bundle](#)

Paul Menzel, University of Wisconsin (Presented by Bryan Baum, University of Wisconsin)

4:20pm-4:40pm

[Cloud Bundle CDR](#)

Patrick Minnis, NASA LaRC

4:40pm-5:00pm

[Ocean Surface and Near-Surface CDR Bundle](#)

Carol Anne Clayson, Woods Hole Oceanographic Institute

5:00pm-5:20pm

[Toward Using NPP/JPSS Data for Ozone CDRs](#)

Larry Flynn, NOAA/STAR (Presented by Eric Beach)

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Wednesday, August 1st

Day 2

Session A: National and International CDR Activities -- Moderator, John Bates

8:30am-8:50am

Supporting CDR Sustainment with NPP/JPSS Systems and Data
Mitch Goldberg, NOAA/JPSS (WebEx)

9:00am-9:30am

Data Needs of Climate Assessments, Indicators and Adaptation
Kathy Jacobs, OSTP Assistant Director for Climate Assessments and Adaptation (WebEx)

9:30am-9:50am

USGS CDR/ECV Program
John Dwyer, USGS EROS Data Center (WebEx)

9:50am-10:20am

Sustained CDR Generation at EUMETSAT
Jörg Schulz, EUMETSAT

10:20am-10:30am

Break

10:30am-10:45am

A SCOPE-CM Initiative: Surface Albedo from the Geostationary Constellation
Jessica Matthews, NC State - CICS

10:45am-11:05am

Passive Microwave Sea Ice Concentration CDR
Jeff Key, NOAA/STAR (Presented by Walt Meier, University of Colorado, NSIDC)

11:05am-11:25am

Vegetation CDR Bundle
Eric Vermote, University of Maryland (Presented by Martin Claverie, University of MD - CICS)

11:25am-11:45am

Coordinating the CDR and Climate Model Communities: NASA Science Work Group
Robert Ferraro, NASA/JPL

11:45am-1:00pm

Lunch on your own

Session B: CDR Applications Panel and Discussion -- Moderator: L. DeWayne Cecil

1:00pm-2:30pm

Tim Brown, Desert Research Institute, Reno, Nevada
[Stuart Foster, American Association of State Climatologists](#)
[Nancy Colleton, Institute for Global Environmental Strategies](#)
[Alex Ruane, NASA Goddard Institute for Space Science](#)
[Craig Long, NOAA Climate Prediction Center](#)

2:30pm-2:50pm

[Marine Applications with CDRs: the Integrated Marine Protected Area Climate Tool \(IMPACT\)](#)
Shaida Johnston, Global Science & Technology (NCDC)

2:50pm-3:10pm

[Climate Normals Users and Uses – An Application for CDRs](#)
Russ Vose, NOAA/NCDC

3:10pm-3:30pm

[Using CDRs for Climate Indicators and Assessments](#)
Deke Arndt, NOAA/NCDC

3:30pm-3:45pm

Break

Session C: CDRs Supporting Energy, Atmosphere and Surface Uses – Moderator: John Bates

3:45pm-4:05pm

[CDRs for Total and Spectral Solar Irradiance](#)
Peter Pilewskie, University of Colorado (Presented by Judith Lean, NRL)

4:05pm-4:25pm

[Earth Radiation Budget CDR Bundle](#)
Seiji Kato, NASA LaRC

4:25pm-4:45pm

[Uses of the Outgoing Longwave Radiation CDR in the Business Sector](#)
Carl Schreck, NC State - CICS

4:45pm-5:05pm

[Consistent Microwave Sensor Temperature Records and Tropopause Height from Microwave, GPS and Radiosonde Data](#)
Ben Ho, NCAR

5:05pm-5:25pm

[Calibrated Humidity-Related Fundamental CDRs from IR and Microwave Sensors](#)
Johnny Luo, City College of New York (Presented by Yuanchong Zhang, Columbia Univ.)

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Thursday, August 2nd

Day 3

Session A: Program Evolution and Issues -- Moderator, Jeff Privette

8:30am-8:50am

[Microwave Sounder FCDRs and TCDRs](#)

Cheng-Zhi Zou, NOAA/STAR (Presented by Wenhui Wang, NOAA/STAR)

8:50am-9:00am

[Program Progress](#)

Jeff Privette, NOAA/NCDC

9:00am-9:15am

[Program Support for R2O: the Integrated Product Team \(IPT\) Structure](#)

Ken Knapp, NOAA/NCDC

9:15am-9:30am

[R2O and IOC Milestones – Process, Procedures and Schedule](#)

Dan Wunder, Global Science & Technology (NCDC)

9:30am-9:45am

[Introduction to Configuration Control](#)

Cheryl Preston, Global Science & Technology (NCDC)

9:45am-10:00am

[User Engagement: What Happens After R2O? \(Publicity, Access, Tools, Feedback\)](#)

L. DeWayne Cecil, Global Science & Technology (NCDC)

10:00am-10:20am

[Vision and Status of the IOC to FOC Process](#)

Bryant Cramer, Global Science & Technology (NCDC)

10:20am-10:35am

Break

10:35am-10:50am

[PI Participation in the IOC to FOC Process and the \(new\) AVHRR Interim CDR](#)

Andy Heidinger, NOAA/STAR (WebEx)

10:50am-11:05am

[PI Funding for CDR Development to Operational Sustainment](#)

Jeff Privette, NOAA/NCDC

11:05am-11:20am

Wrap Up

Jesse Glance, NOAA/NCDC

11:20am-1:00pm

Lunch on your own

Session B: Supplemental Sessions:

1:00pm-2:30pm

CDR Principal Investigator meetings with NCDC IPT members

2:30pm-3:00pm

[NOAA Sea Surface Temperature Coordination Mini-Session \(1 hour\)](#)

Ed Kearns, NOAA/NCDC (Moderator and Presenter)

3:00pm-4:00pm

USGS CDR/ECV Meeting Report, remotely from EROS Data Center, Sioux Falls, South Dakota