

**International Cooperative for Aerosol Prediction (ICAP)  
5th working group meeting: Recent Progress in Aerosol  
Observability for Global Modeling  
Tsukuba Int'l Congress Center, Tsukuba, Japan, 5-8 Nov. 2013**

**Tuesday, Nov. 5**

9:00	9:30	Registration	<b>Taichu &amp; Thomas</b>
9:30	9:35	Welcome	<b>Masao Mikami, MRI JMA</b>
9:35	9:45	Preliminaries and welcome	<b>Taichu, Angela, Pete &amp; Jeff</b>
<b>Chair: Taichu Y. Tanaka</b>			
9:45	10:15	NASA GSFC GEOS-5 Update	<b>Arlindo da Silva, NASA GSFC</b>
10:15	10:45	JMA update	<b>Taichu Y. Tanaka, MRI JMA</b>
10:45	11:05	Break	
11:05	11:35	UKMO update	<b>Yaswant Pradhan, UKMO</b>
11:35	12:05	NRL Monterey update	<b>Jeffrey S. Reid, NRL</b>
12:05	13:35	Lunch	
<b>Chair: Angela Benedetti</b>			
13:35	14:05	ECMWF update	<b>Angela Benedetti, ECMWF</b>
14:05	14:35	NOAA update	<b>Sarah Lu, NOAA</b>
14:35	14:55	Break	
14:55	15:25	WMO SDS-WAS NA-ME-E/BSC update	<b>Sara Basart, BSC</b>
15:25	15:55	WMO SDS-WAS East Asia and TEMM WG1: Dust forecasts in Asian countries	<b>Masao Mikami, MRI JMA</b>
15:55	16:25	AEROCOM update: forecast contest	<b>Toshihiko Takemura, Kyushu U.</b>
16:25	16:55	Lessons learned from AEROSOL_CCI	<b>Simon Pinnock, ESA</b>
16:55	17:20	End of Day Discussions: Centers	

**Wednesday, Nov. 6**

<b>Chair: Jeffrey S. Reid</b>			
9:20	9:35	Review of the prior aerosol observatory meeting at Monterey	<b>Jeffrey S. Reid, NRL</b>
9:35	10:05	Future of NASA's Aerosol and Cloud Measurements from Satellites	<b>Hal Maring, NASA</b>
10:05	10:45	What to expect from MODIS Col. 6.	<b>Robert Levy, NASA GSFC</b>
10:45	11:05	Break	
11:05	11:45	Where do we stand with VIIRS aerosol products?	<b>Christina Hsu, NASA GSFC</b>
11:45	12:25	Aerosol Measurements from Current and Future EUMETSAT satellites	<b>Rosemary Munro, EUMETSAT</b>
12:25	13:40	Lunch	
<b>Chair: Sarah Lu</b>			
13:40	14:40	Practical Polarization-How developers and data assimilation should look on polarization data.	<b>Oleg Dubovik, U. Lille</b>
14:40	15:20	How can the NASA PEATE be a testbed for NRT aerosol products	<b>Robert Holz, U. Wisconsin</b>
15:20	15:40	Break	

15:40	16:30	Project update from JAXA: EarthCARE and GCOM-C	<b>Maki Hirakata and Hiroshi Murakami, JAXA, Michael Eisinger, ESA</b>
16:30	16:55	End of Day Discussion: satellite observability I	

## Thursday, Nov. 7

### Chair: Peter Colarco

9:20	10:00	Recent developments in CALIOP aerosol products	<b>Dave Winker, NASA, LaRC</b>
10:00	10:40	Development of EarthCARE ATLID data retrieval algorithm and validation plan using the ground-based lidar network	<b>Nobuo Sugimoto, NIES</b>
10:40	11:00	Break	
11:00	11:40	Developing commonality in ground based lidar products	<b>Judd Welton, NASA GSFC</b>
11:40	12:20	LANCE capabilities	<b>Kevin Murphy, NASA GSFC</b>
12:20	13:40	Lunch	

### Chair: Takashi Maki

13:40	14:20	Towards a consistent global fire emissions product	<b>Edward Hyer, NRL</b>
14:20	15:00	Overview of the WF_ABBA Global Geostationary Fire Monitoring Program: Current Implementation and Future Plans	<b>Elaine Prins, U. Wisconsin</b>
15:00	15:40	Impact of Satellite Viewing Swath Width on Global and Regional Aerosol Optical Thickness Statistics and Trends	<b>Peter Colarco, NASA GSFC</b>
15:40	16:00	Break	
16:00	16:30	Update on AERONET: significant developments on Version 3 processing, new NRT products, expansion and collaboration with SKYNET	<b>Brent Holben, NASA GSFC</b>
16:30	17:10	Development of aerosol algorithm for GCOM-C product	<b>Itaru Sano, Kinki U.</b>
17:10	17:50	End of Day Discussion: satellite II, and ground based observations	

## Friday, Nov. 8

### Chair: Thomas T. Sekiyama

9:20	9:50	Experiences from several data assimilation methods: ground-based lidar 4D-VAR and MODIS AOD LETKF	<b>Keiya Yumimoto, MRI JMA</b>
9:50	10:10	Review of the ICAP multi model ensemble analysis	<b>Jeffrey S. Reid, NRL</b> <b>(Peng Lynch, NRL/CSC)</b>
10:10	10:30	Break	
10:30	11:10	Discussions on ICAP MME	
11:10	12:10	Final ICAP discussions: summary and what's next?	
12:10	12:20	Adjourn	

## Information

### Meeting Location

Tsukuba International Congress Center (Epochal Tsukuba), Room 405 (4<sup>th</sup> Floor)

2-20-3, Takezono, Tsukuba, Ibaraki, 305-0032, Japan

<http://www.epochal.or.jp/eng/>

### Wi-Fi Connection in the meeting room

You can connect to the Internet via Wi-Fi.

**SSID:** ICAP5th

**Password:** AerosolMeeting

The network ports are limited to: HTTP(80), HTTPS(443), FTP(20), POP3(110), SMTP(25), and SSH(22).

---

### Meeting Organizers and POCs

Taichu Y. Tanaka, MRI/JMA ([yatanaka@mri-jma.go.jp](mailto:yatanaka@mri-jma.go.jp)), Angela Benedetti, ECMWF ([Angela.Benedetti@ecmwf.int](mailto:Angela.Benedetti@ecmwf.int)), Peter Colarco, NASA ([Peter.R.Colarco@nasa.gov](mailto:Peter.R.Colarco@nasa.gov)), and Jeffrey S. Reid, NRL ([Jeffrey.Reid@nrlmry.navy.mil](mailto:Jeffrey.Reid@nrlmry.navy.mil))

### Meeting Hosts

Meteorological Research Institute, Japan Meteorological Agency

Japan Aerospace Exploration Agency (JAXA)

The meeting is supported by the Environment Research and Technology Development Fund.

### Points of Contact

Questions regarding travel, meeting organization and format can be directed to

Taichu Y. Tanaka  
Meteorological Research Institute  
1-1 Nagamine, Tsukuba City, Ibaraki, Japan  
Tel. +81-29-853-8713, Fax: +81-29-855-7240  
Email: [yatanaka@mri-jma.go.jp](mailto:yatanaka@mri-jma.go.jp)