

WORLD METEOROLOGICAL ORGANIZATION

ET-SUP-7/Doc. 16
(16.V.2013)

COMMISSION FOR BASIC SYSTEMS
OPEN PROGRAMME AREA GROUP ON INTEGRATED OBSERVING SYSTEMS

EXPERT TEAM ON SATELLITE UTILIZATION AND PRODUCTS

ITEM: 16

SEVENTH SESSION

GENEVA, SWITZERLAND, 27-30 MAY 2013

Original: ENGLISH

PREVIEW ON CGMS-41

(Submitted by the Secretariat)

Summary and Purpose of Document

This document contains the latest draft agenda of the 41st session of the Coordination Group for Meteorological Satellites, to be hosted by JMA and JAXA in Tsukuba, Japan, 8-12 July 2013.

ACTION PROPOSED

The seventh session is invited to note this document, and comment, as appropriate.

Appendix: CGMS-41 Agenda and Schedule (17 May 2013)

*** CGMS-41 THE WEEK AT A GLANCE ***

Sun 7 July	Mon 8 July	Tue 9 July	Wed 10 July	Thu 11 July	Fri 12 July	Sat 13 July
	Briefing WG Chairs/ Rapporteurs/CGMS Secretariat 08:00- 08:30 Room #304					Technical visit (optional)
	Working Groups WGI 08:30-14:00 Room #304	Working Groups WGII 09:00-16:00 Room #201	Preparation of WG actions, conclusions and final report, and presentations to plenary	Plenary 09:00-12:45 Room #300	Plenary 08:30-13:00 Room #300	
	WGII 09:00-18:00 Room #201	WGIII 08:30-14:00 Room #304	Ad-hoc meeting on space weather 11:00- 13:00 Room #304			
	<i>Lunch #406</i>	<i>Lunch #406</i>		<i>Lunch #406</i>	<i>Lunch #406</i>	
	Working Groups WGI/WGII continued	Working Groups WGII/WGIII continued	Preparation of WG actions, conclusions and final report, and presentations to plenary (continued)	Plenary 13:45-18:40 Room #300	Plenary 14:00-18:15 Room #300	
	WGIV 14:00-18:00 room #304	Preparation of WG high level conclusions for plenary				End of meeting
	Icebreaker		Briefing to Plenary Chairs* 18:00-19:00 (tbc) Room #304	Social event	Debriefing of CGMS-41 and identification of way forward* 18:00-20:00	

*Participation: CGMS WGI-IV chairs, rapporteurs, CGMS-41 hosts, CGMS Secretariat and on Friday also representatives of CGMS-42 hosts

Meeting rooms:
201, 300, 304
Meeting secretariat: 401

CGMS-41 PLENARY – DRAFT AGENDA AND PROVISIONAL SCHEDULE

Wednesday 10 July 2013, 18:00-19:00 (tbc), room: 304

Briefing with the Plenary chairs, WG Chairs/rapporteurs and the CGMS Secretariat

Date/time: 11 July 2013, 09:00-18:40 to 12 July 2013 08:30-18:15

Location: Room #300, Tsukuba International Congress Center, Japan

THURSDAY 11 JULY 2013 - PLENARY

Plenary co-chairs: Masanori Obayashi, JMA, Alain Ratier, EUMETSAT

Rapporteur: CGMS Secretariat

A: OPENING SESSION [30']

09:00 Welcome addresses

Mitsuhiko Hatori, Director-General, JMA

Shizuo Yamamoto, Executive Director, Satellite Application Mission Directorate I,
JAXA

B: INTRODUCTION TO THE MEETING [15']

09:30 Objectives of the meeting

Paul Counet, CGMS Secretariat

Approval of the agenda

Review of actions (from CGMS-40)

CGMS Secretariat

C: USER REQUIREMENTS

Session facilitator: Jerome Lafeuille, WMO

09:45 Session C: WMO and IOC requirements [90']

C.1 GFCS, Wenjian Zhang, WMO [20']

C.2 GCOS and WCRP, Carolin Richter and/or G. Asrar [20']

C.3 IOC: Ocean Surface Topography observations, David Halpern [20']

C: USER REQUIREMENTS continued

C.4 WIGOS (including Global Cryosphere Watch and Global Atmospheric Watch matters), Wenjian Zhang, WMO [15']

Discussion [15']

11:15 Break

D: REPORTS FROM SPACE AGENCIES

Session facilitator: CGMS Secretariat

11:30 Reports on the status of current and future satellite systems by Space Agencies [3h15min; 15min/agency]

Operational agencies:

CMA
EUMETSAT
IMD
JMA
KMA

12:45 Break (Lunch in room #406)

13:45 Reports on the status of current and future satellite systems by Space Agencies – continued [15 min/agency]

Operational agencies:

NOAA
ROSHYDROMET

R&D agencies

CNSA
CSA
ESA
JAXA
NASA
ROSCOSMOS

15:45 Break

E: WORKING GROUP REPORTS

16:00 Session E.1 Global issues on satellite systems and telecommunication coordination (WGI)

Session facilitator: Joaquin Gonzalez Picazo, EUMETSAT

Key note [35']

A real-time network for L-band and X-band SNPP/JPSS, POES, Metop and FY-3 satellite reception across North America and the Pacific

Tbc, Space Science and Engineering Center, University of Wisconsin-Madison

Session E.2: Report from Working Group I, Marlin O Perkins, NOAA WGI Chair [10']

Discussion [15']

17:00 Session E.3: Global data dissemination (WGIV)

Session facilitator: Klaus-Peter Renner, EUMETSAT

Key note [30']

Status of Himawari-8/9 data distribution/dissemination [10']

Tbc, JMA

User needs/evolution of regional data dissemination requirements [20']

Anthony Rea, Chair of WMO ET-SUP

Session E.4: Report from Working Group IV, tbc [10']

Discussion [20']

F: GEO SESSION

18:00 CGMS contribution to GEO/GEOS – GEO Water Strategy [30']

Key note at the request of JAXA, CGMS host

Prof. Toshio Koike, University of Tokyo (GEO Water Task Lead)

18:30 Conclusions (Summary of day one, overview of day two, announcements...)

18:40 End of plenary day one

FRIDAY 12 JULY 2013 - PLENARY

E: WORKING GROUP REPORTS (continued)

08:30 Satellite data and products (WGII) [90']

Support to co-chairs: Toshiyuki Kurino, JMA
Session facilitators: Mitch Goldberg, NOAA, Johannes Schmetz, EUMETSAT

Session E.6: Report from Working Group II, Mitch Goldberg/Johannes Schmetz, WGII Rapporteurs [30']

Session E.5: Scientific presentations [60']

Volcanic ash products science and applications [25']
Fred Prata, Norwegian Institute for Air Research

Relevance of International Precipitation Working Group (IPWG) work to improve quality and utility of satellite-derived precipitation products [15']
Kazumasa Aonashi, co-chair IPWG

SCOPE-Nowcasting: Concept, objectives and pilot activities [20']
Anthony Rea, Chair of WMO ET-SUP

10:00 Break

10:15 Operational Continuity and Contingency Planning (WGIII) [90]

Session facilitator: Jerome Lafeuille, WMO

Session E.7: LEO orbit coordination – follow-on to CGMS-40 [45']

Report from the Tiger Team [10']
tbc, WMO

Status report by CMA [10']
Jun Yang, Director-General, NMSC/CMA

Discussion [25']

Session E.8: Space weather [15']

Report from the ad-hoc meeting on space weather
Suzanne Hilding, NOAA (tbc)

**Session E.9: Report from Working Group III, Suzanne Hilding, NOAA,
WGIII Chair [10']**

Discussion [20']

G: CLIMATE

Session facilitator: Charles Wooldridge, NOAA

11:45 Session G: Climate [75']

Climate Monitoring Architecture – status and way forward [10']
Charles Wooldridge, NOAA

Terms of Reference of proposed CEOS/CGMS Working Group on Climate [10']
Paul Counet, EUMETSAT

Climate activities in Japan and future challenges [30']
Dr. Kazutoshi Onogi, Climate Prediction Division, JMA

Symposium on Climate Research and Earth Observation from Space [10']
Tbc, EUMETSAT/WCRP

Discussion [15']

13:00 Break (Lunch in room #406)

H: EDUCATION AND TRAINING

Session facilitator: Stephan Bojinski, WMO

14:00 Session H.1: Education and Training [60']

Leveraging satellite assets through a global network of competency training in meteorology [20']
Volker Gaertner/Kathy-Ann Caesar, VLab co-chairs

Ensuring the preparedness of users to the new generation of satellites [20']
Anthony Rea, Bureau of Meteorology, Australia

Discussion [20']

I: OUTREACH ACTIVITIES

Session facilitator: Charles Wooldridge, NOAA

15:00 Outreach Activities [30']

Presentation of the CGMS Outreach Strategy and proposed way forward
Charles Wooldridge, NOAA

Discussion

15:30 Break

J: UPDATE OF THE HLPP

Session facilitator: Mikael Rattenborg, EUMETSAT

16:00 Review of the HLPP [45']

Status, implementation and way forward

Discussion and proposal for update by CGMS Members

K: AOB AND CLOSING SESSION

Session facilitator: Anne Taube

16:45 Session K.1: Nominations [5']

CGMS representatives at other meetings
Chairpersons and rapporteurs of CGMS Working Groups I-IV

16:50 Session K.2: Any other business [5']

16:55 Session K.3: Summary list of actions and recommendations [60']

17:55 Session K.4: Closing [20']

Date and place of CGMS-42
Hand-over of CGMS flag
Closing words

18:15 End of CGMS-41 plenary session

CGMS-41 WORKING GROUP I – DRAFT AGENDA AND PROVISIONAL SCHEDULE
Global issues on satellite systems and telecommunication coordination

Monday 8 July 2013, 08:00-08:30, room #304

Briefing with all WG Chairs, rapporteurs and the CGMS Secretariat

Monday 8 July 2013, 08:30-14:00

Room: #304

Chairperson: Marlin O. Perkins, NOAA

Rapporteur: Joaquin Gonzalez, EUMETSAT

WGI/0 Objectives

WGI/1 Review of actions and recommendations from previous meetings

WGI/2 Frequency Management matters: SFCG, ITU and WRC Activities

WGI/3 Direct Broadcast Services

WGI/3.1 Direct Read-out Stations

WGI/3.2 Coordination and Global Standards

WGI/4 International Data Collection & Distribution

WGI/4.1 Future Distribution

WGI/4.2 Coordination

WGI/5 Review and updating of the HLPP

WGI/6 Any other Business

WGI/7 Planning of inter-sessional activities/meetings [CGMS-41 → CGMS-42]

WGI/8 Review of actions, conclusions, preparation of WG report for plenary

Coffee break: 10:30-11:00

Lunch: 12:30-13:30 (Room #406)

CGMS-41 WORKING GROUP II – DRAFT AGENDA AND PROVISIONAL SCHEDULE Satellite data and products

Monday 8 July 2013, 08:00-08:30, room #304

Briefing with all WG Chairs, rapporteurs and the CGMS Secretariat

Monday 8 July 2013, 09:00-18:00, Tuesday 9 July 2013, 09:00-16:00
Room: #201

Co-chairs: Stephan Bojinski, WMO, Toshiyuki Kurino, JMA

Rapporteurs: Mitch Goldberg, NOAA, Johannes Schmetz, EUMETSAT

- WGII/0 Objectives
- WGII/1 Review of actions and recommendations from previous meetings
- WGII/2 Image processing techniques and satellite imagery for nowcasting
- WGII/3 Satellite data calibration and validation including climate related aspects
- WGII/4 Infrared/MicroWave sounding and ITWG matters
- WGII/5 Precipitation and IPWG matters
- WGII/6 Atmospheric Motion Vectors and IWWG matters
- WGII/7 Radio Occultation and IROWG matters
- WGII/8 Cloud and Ash/Dust Related matters
- WGII/9 Ocean parameters
- WGII/10 Other parameters and products
- WGII/11 Review and updating of the HLPP
- WGII/12 Any other Business
- WGII/13 Planning of inter-sessional activities/meetings [CGMS-41 → CGMS-42]
- WGII/14 Review of actions, conclusions, preparation of WG report for plenary

Coffee breaks: 10:30-11:00, 15:45-16:15

Lunch: 12:30-13:30 (Room #406)

CGMS-41 WORKING GROUP III – DRAFT AGENDA AND PROVISIONAL SCHEDULE Operational Continuity and Contingency Planning

Monday 8 July 2013, 08:00-08:30, room #304

Briefing with all WG Chairs, rapporteurs and the CGMS Secretariat

Tuesday 9 July 2013, 08:30-14:00

Room: #304

Co-chairs: Suzanne Hilding, NOAA, tbc, CMA

Rapporteur: Jerome Lafeuille, WMO

- WGIII/0 Objectives
- WGIII/1 Review of actions and recommendations from previous meetings
- WGIII/2 Status of implementation of the CGMS baseline
- WGIII/2.1 Mapping of planned missions against the baseline
- WGIII/2.2 Continuity issues, risk analysis
- WGIII/3 Space-based observing system review and optimisation: Outcome of Tiger
Team action on LEO missions
- WGIII/4 Architecture for climate monitoring
- WGIII/5 Integration of R&D missions (research to operations transition)
- WGIII/6 Socio-economic benefits of space missions
- WGIII/7 Any other Business
- WGIII/8 Planning of inter-sessional activities/meetings [CGMS-41 → CGMS-42]
- WGIII/9 Review of actions, conclusions, preparation of WG report for plenary

Coffee break: 10:30-11:00

Lunch: 12:30-13:30 (Room #406)

CGMS-41 WORKING GROUP IV – DRAFT AGENDA AND PROVISIONAL SCHEDULE

Global data dissemination

Monday 8 July 2013, 08:00-08:30, room #304

Briefing with all WG Chairs, rapporteurs and the CGMS Secretariat

Monday 8 July 2013, 14:00-18:00

Room: #304

Chairperson: Mikael Rattenborg, EUMETSAT, and Jae-Dong JANG, KMA

Rapporteur: Klaus-Peter Renner, EUMETSAT

- 1 Objectives
- 2 Review of actions and recommendations from previous meetings
- 3 Global DVB satellite services
- 4 Incorporation and dissemination of R&D and pre-operational mission data
- 5 Coordinated dissemination services for:
 - 5.1 Disaster mitigation purposes
 - 5.2 Ocean user community
- 6 Optimisation/Harmonisation of direct readout dissemination (CGMS DB global spec)
 - 6.1 Current systems
 - 6.2 Transition to new direct readout systems (GOES-R, JPSS, FY-3, EPS-SG, ...)
- 7 Regional ATOVS Retransmission Services (RARS) incl. support for NPP and Metop
- 8 Contribution to the WIS infrastructure incl. RMDCN
- 9 Coordination of metadata for satellites and instruments
- 10 User dialogue and interface
- 11 Review and updating of the HLPP
- 12 Election of WGIV Co-Chair
- 13 Any other Business
- 14 Planning of inter-sessional activities/meetings [CGMS-41 → CGMS-42]
- 15 Review of actions, conclusions, preparation of WG report for plenary

Coffee break: 15:45-16:15

AD-HOC MEETING ON SPACE WEATHER

(Ref.: HLPP 5.2; CGMS-40 WGIII action 40.36, and CGMS-40 recommendations 40.34, 40.41, 40.42, 40.43)

Wednesday 10 July 2013, 11:00-13:00

Room: #304

Chair: Suzanne Hilding, NOAA

Rapporteur: Jerome Lafeuille, WMO

- 1 Background and objectives
- 2 Space weather effects on spacecraft
- 3 Satellite observations for space weather
- 4 Space weather products
- 5 Space weather and CGMS

Refreshments will be provided in the meeting room.

(The annotated agenda is available here: <http://www.cgms-info.org/docs/default-source/cgms-help/space-weather.pdf?sfvrsn=0>)

CGMS-41 CGMS SECRETARIAT AND WORKING GROUP BRIEFINGS

Monday 8 July 2013, 08:00-08:30 (tbc)

Room: #304

Participation:

CGMS Working Group I-IV chairpersons and rapporteurs
CGMS Secretariat

Purpose:

Briefing prior to the start of CGMS-41

Wednesday 10 July 2013, 18:00-19:00 (tbc)

Room: #304

Participation

CGMS plenary chairpersons
WG Chairpersons/rapporteurs
CGMS Secretariat

Purpose:

Briefing to CGMS plenary chairpersons

Friday 12 July 2013, 18:00-20:00

Room: #304

Participation:

CGMS Working Group I-IV chairpersons and rapporteurs
CGMS-42 hosts
CGMS Secretariat

Purpose:

Follow-up on CGMS-41 and preparation of the roadmap of CGMS inter-sessional activities until CGMS-42.