

Actions and recommendations resulting from CGMS-44 plenary session
9-10 June 2016

CGMS-44 Plenary actions							
Actionee	AGN item	Action #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
CGMS space agencies	C.1	A44.01	Vision for the WIGOS space-based component in 2040: CGMS operators are invited to provide comments on draft v0.2 of the Vision for the WIGOS space-based components in 2040, to sbojinski@wmo.int, by 8 July 2016.	CGMS-44 WMO-WP-01: http://www.eumetsat.int/website/wcm/idc/idcplg?IdcService=GET_FILE&RevisionSelectionMethod=LatestReleased&Rendition=Web&dDocName=CWPT_1666 <i>EUM, NOAA feedback provided to WMO July 2016</i>	8 Jul 2016	CLOSED	1.1
CMA, JMA, KMA	C.2	A44.02	CGMS operators to publicise the rapid scan capabilities of current and future geostationary satellite among the user community in RA II and V, and build the necessary capacity (on the occasion of 7th AOMSUC).	<i>Closed following discussions and presentations at the AOMSUC-7 and 4th RA II WIGOS coordination group meeting</i>	30 Oct 2016	CLOSED	1.1
CGMS members	C.6	A44.03	On NWP and impact on forecasting skills: (Ref. CGMS-44 WMO-WP-04) CGMS Members to formulate their requests (if any) for additional impact assessment work and transmit them to the WMO Secretariat (Iriishojgaard@eumetsat.int).	NOAA provided feedback to WMO on 2 Nov 2016	30 Oct 2016	OPEN	1.1.2
WMO	C.6	A44.04	On NWP and impact on forecasting skills: WMO to brief CGMS-45 on the Final Report from the Sixth WMO Impact Workshop, with a particular focus on those recommendations that are directed to the CGMS Members and CGMS Working Groups.	Report will be provided at CGMS-45 under plenary agenda C.2: CGMS-45 WMO-WP-02 Next impact workshop will take place in 2020.	CGMS-45	OPEN	1.1.2

Actions and recommendations resulting from CGMS-44 plenary session
9-10 June 2016

IOC-UNESCO	C.8	A44.05	IOC-UNESCO to provide guidance to CGMS on ocean surface wave observations at CGMS 45.	<i>Agenda item foreseen in CGMS-45 plenary in the user session.</i>	CGMS-45	CLOSED	1.1.6
CGMSSEC	C.8	A44.06	On sea ice: Consistent with the discussions held at CGMS-44, CGMS Secretariat to liaise with CEOS SIT Chair on the suggestion that CEOS develop a Virtual Constellation for Sea Ice - following its established process for this purpose, and in coordination with the activities of the WMO PSTG. An initial discussion will be held at 2016 CEOS SIT Technical Workshop (September 2016).	<i>23 Feb 2017: CEOS SIT Chair letter of 28 Nov 2016 to WMO PSTG was circulated in February 2017 by CGMSSEC closing the action. It was considered by the WMO PSTG that it currently addresses the needs sufficiently.</i> <i>The issue was then discussed among CEOS Agencies at the SIT Technical Workshop in September 2016 and at CEOS Plenary in November. It was agreed at the 2016 CEOS SIT Technical Workshop on 14th-15th September 2016 in Oxford, UK that the WMO Polar Space Task Group (PSTG) covers polar sea-ice observations well, but that an increase in SAR observation coordination may be of benefit.</i>	01-Sep-16	CLOSED	1.1.6

Actions and recommendations resulting from CGMS-44 plenary session
9-10 June 2016

				<p>CEOS considered that the PSTG represented a competent body for the coordination of polar space observations and that the creation of a Virtual Constellation or similar body within CEOS to conduct the same function would be an unnecessary duplication. The view was that indeed the PSTG was already functioning very well in this task, that no further body was necessary and the PSTG was reconfirmed as the primary body for this work.</p> <p>A significant number of PSTG Space Agency Members are represented on the Committee of Earth Observing Satellites (CEOS). Since there is no other group responsible for coordinating satellite observations in the polar regions and cryosphere, and in order to encourage information flow, PSTG periodically will continue to periodically submit reports to the CEOS Strategic Implementation Team (SIT) meetings.</p>			
CGMSSEC	C.8	A44.07	CGMSSEC to write a letter on behalf of CGMS to Japan recommending that JAXA consider continuing the GCOM-W series in particular in support of precipitation and sea-ice measurements.	<p><i>CGMSSEC letter (CGMS/LET/16/862312 of 29 June 2016) circulated to L-CGMS on 11 July 2016. Action will be closed once CGMS-44 report is published.</i></p>	30-Jun-16	CLOSED	1.1.6

Actions and recommendations resulting from CGMS-44 plenary session
9-10 June 2016

CMA, EUM, ISRO, ROSH	E.2.1	A44.08	On IODC (ref. WGIV/3.3): CGMS agencies in the IODC region (CMA, EUMETSAT, ISRO, ROSHYDROMET) to support the distribution of essential data to IODC users via their existing dissemination methods (CMACast, EUMETCast, GTS, Internet, etc).	<i>Originating from WGIV and endorsed by CGMS-44 plenary on 9 June 2016.</i>	CGMS-45	CLOSED	1.1.6
CGMSSEC EUMETSAT CMA, ISRO, ROSH	E.3.3	A44.09	On IODC: CGMSSEC with EUMETSAT to coordinate with CMA, ISRO and ROSH and update the table on IODC essential data and products (essential as per WMO Res. 40)	<i>CGMSSEC letter EUM/CGMS/LET/16/861620 of 29 June 2016. Circulated to WGIII on 20 June and to L-CGMS on 22 Aug 2016.</i>	15-Jun-16	CLOSED	1.1.6
CGMSSEC EUMETSAT (CMA, ISRO, ROSH)	E.3.3	A44.10	On IODC: CGMSSEC EUMETSAT to prepare a letter (on behalf of EUM, CMA, ISRO and ROSH) to WMO confirming the baseline for the future multi-partner IODC service essential data and product baseline.	<i>CGMSSEC letter EUM/CGMS/LET/16/861620 of 29 June 2016. Circulated to WGIII on 20 June and to L-CGMS on 22 Aug 2016.</i>	31-Jul-16	CLOSED	1.1.6
IWWG	E.5.4	A44.11	On IWWG matters: IWWG to develop a detailed plan for the 3rd wind intercomparison, including concept and deliverables, and an estimate of the required resources.	CGMS-45 IWWG-WP-01/01.ppt and -02.ppt	CGMS-45	OPEN	3.2.1

Actions and recommendations resulting from CGMS-44 plenary session
9-10 June 2016

ICWG	E.5.4	A44.12	<p>On ICWG matters: ICWG to develop a detailed plan for the cloud intercomparison activity, including concept, deliverables, and an estimate of the required resources.</p>	<p>CGMS-45: Discussed in and transferred to WGII and therefore closed for plenary.</p> <p>CGMS-45 ICWG-WP-01/01.ppt The intercomparison studies are ongoing. 10 min sampling from GEO sensors by GOES-16 is under discussion. Both items will be discussed at the ICWG-2.</p>	CGMS-45	CLOSED	3.2.3
------	-------	--------	--	---	---------	---------------	-------

Actions and recommendations resulting from CGMS-44 plenary session
9-10 June 2016

CGMSSEC	G.2	A44.13	<p>On carbon observation programmes: Consistent with the discussions held at CGMS-44, CGMS Secretariat to request CEOS SIT Chair to organise a discussion at the CEOS SIT Technical Workshop (September 2016) on developing a suitable mechanism involving both CGMS and CEOS agencies to review how planned carbon observation missions might be better coordinated in response to the GCOS Implementation Plan and to develop a coherent contribution to the WMO Vision for WIGOS 2040.</p>	<p>Dedicated carbon sessions will be held between WGII/WGIII as well as in plenary at CGMS-45.</p> <p>CGMSSEC plans a carbon observation session for CGMS-45 plenary to this purpose covering the overall mapping of the various activities within the CEOS ACC, CGMS, Copernicus Task Forces A&B, noting the GCOS IP and corresponding response as well as WIGOS 2040.</p> <p>Discussions took place at CEOS SIT Sept 2016: It was agreed that the ACC-VC should be the basis for the CEOS response, with a formal and open invitation for participation extended to interested additional CGMS participants, and it should be pursued in conjunction with the climate workshop 2017.</p>	Sep-16	OPEN	
CGMSSEC	G.2	A44.14	<p>On carbon observation programmes: CGMS Secretariat to include a standing agenda item on carbon observation programmes at future CGMS plenary sessions.</p>	<p>Agenda item foreseen in CGMS-45 plenary as well as a joint WGII/WGIII session.</p>	CGMS-45	CLOSED	

Actions and recommendations resulting from CGMS-44 plenary session
9-10 June 2016

JWG CLIM (CGMS members)	H.3	A44.15	On GCOS Implementation Plan: CGMS - through the CEOS-CGMS JWG Climate (pascal.lecomte@esa.int, joerg.schulz@eumetsat.int) - to contribute to the public review of the draft GCOS Implementation Plan (http://www.wmo.int/pages/prog/gcos/)	GCOS IP is now finalised and has been endorsed by the GCOS Committee. (Input provided by NOAA 6 Sep 2016)	25 July-5 Sept 2016	CLOSED	5.1
JWG CLIM (CGMS members)	I.1	A44.16	On training/VLab: For the scoping of training activities on climate datasets: CGMS - through CEOS-CGMS JWG Climate - to inform the VLab TSO (luveeck@gmail.com) about access to the ECV inventory once available.	Will be made publicly available (close to the CGMS-45 meeting). Inventory is published and available (June 2017). See CGMS-45 JWGCLIM-WP-01.	CGMS-45	CLOSED	5.1
CGMS-44 Plenary Recommendations							
"Actionee"	AGN item	Rec #	Description	Action feedback/closing document	Deadline	Status	HLPP ref
KMA, KARI, CMA, CNSA, JMA, JAXA	C.2	R44.01	On disaster risk reduction: The "Jakarta Declaration" recommends to CGMS that the satellite operators provide the necessary support to the Joint RA II/V WIGOS project on Satellite Data. The declaration encourages the satellite operators of the Republic of Korea, China, and Japan to make digital data at the full resolution available to all Members involved in the "Satellite Data project" and to support the project in any way they can.	JMA leading an effort to define a protocol for event-driven rapid scanning Himawari-8, in collaboration with BOM Australia	CGMS-45	OPEN	1.1

Actions and recommendations resulting from CGMS-44 plenary session
9-10 June 2016

IOC-UNESCO, CGMS members	C.7	R44.02	On Second International Indian Ocean Expedition (IIOE-2) for enhanced data acquisition and management: It was recommended to establish a working alliance between the IIOE-2 and the remote sensing community (CGMS) within/through the IIOE-2 Steering Committee framework and/or the IIOE-2 Joint Project Office.		CGMS-45	OPEN	2.5
CGMS agencies	C.8	R44.03	CGMS agencies to promote sustainability of satellite passive microwave sea ice measurements begun in 1978.	To be referenced in the JWG CLIM action plan	Long term	OPEN	1.1.6
CGMS agencies	C.8	R44.04	CGMS agencies to promote the implementation of sustained satellite scatterometer sea ice observations with scatterometer to provide an independent source of information concerning climate change impacts on the marine cryosphere.	To be referenced in the JWG CLIM action plan	Long term	OPEN	5.1
CGMS agencies	C.8	R44.05	CGMS agencies to promote sustainability of satellite frequent high--spatial marginal ice zone measurements for navigation and other near--real time applications.		Long term	OPEN	1.1
CGMS agencies	C.8	R44.06	CGMS agencies to promote the implementation of sustained satellite measurements of Arctic Ocean sea ice thickness.	To be referenced in the JWG CLIM action plan	Long term	OPEN	1.1

Actions and recommendations resulting from CGMS-44 plenary session
9-10 June 2016

CMA, EUM, NOAA	F.1	R44.07	The GEONETCast operators (CMA, EUMETSAT and NOAA) to actively follow-up the commitment made at the Side Event at the GEO Mexico City Summit.	CMA, EUMETSAT and NOAA reconfirmed their contributions to GEONETCAST on the occasion of the GEO Plenary in St Petersburg in Nov 2016.		CLOSED	
CGMS members	G.1.3	R44.08	On SCOPE-NWC: CGMS members to continue to support SCOPE-Nowcasting and its transition to preoperational phase, in particular to financially support the finalisation of the satellite-based volcanic ash retrieval algorithm intercomparison activity (Pilot Project 2) over the next 12-18 months. (Ref. CGMS-44-WMO-WP-15).	EUMETSAT has earmarked resources to financially support completion of the volcanic ash algorithm intercomparison in 2018. WMO has identified resources to engage consultant for 2.5 months FTE to support SCOPE-Nowcasting.	30 Dec 2017	OPEN	3.2.4
CGMS members	I.1	R44.09	On training/VLab: CGMS members are invited to share product information, dissemination information and training resources with the CoEs in Kenya, South Africa, Russian Federation, China, and Oman, and with users, to support VLab training activities in the Indian Ocean region.	CoEs will remind CGMS members of this Recommendation in the preparation phase for these training activities	Long term	OPEN	4.2.1

Actions and recommendations resulting from CGMS-44 plenary session
9-10 June 2016

CGMS members	I.1	R44.10	<p>On training/VLab: CGMS operators to make available training resources in all official languages as defined by the satellite operator's charter. Translation of training resources should be considered as a continuous, ongoing effort. Satellite operators without multiple official languages should consider coordinating the translation of their training resources through in-kind contributions by user institutions.</p>	(Will reach out to VLab community to seek comments)	Long term	OPEN	4.2.1
CGMS members	I.1	R44.11	<p>On training/VLab: CGMS to join efforts with VLab to investigate ways to fund the continuation of the Project "Conceptual Models for the Southern Hemisphere" (CM4SH) and also extend the initiative to prepare case studies related to the new generation of satellites.</p>	(Will reach out to VLab community to seek comments)	Long term	OPEN	4.2