



Report of the 42<sup>nd</sup> Meeting of the  
Coordinated Group for Meteorological Satellites

## Annexes



## ANNEXES

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The annotated agenda and Working Papers (WPs) can be found at

<http://cwpt.eumetsat.int/CWPT/views/agendaext.jsf>

Information on points of contact and list servers can be requested from the CGMS Secretariat

[CGMSSec@eumetsat.int](mailto:CGMSSec@eumetsat.int)

Other information such as the CGMS Charter, and the current list of Members and Observers are available at <http://cgms-info.org>

## STATEMENTS IN OPENING CEREMONY

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### *Dr ZHENG Guoguang, Administrator, CMA*

Distinguished Mr. Alain Ratier, Head of CGMS Secretariat,

Distinguished representatives,

Ladies and gentlemen,

First of all, I would like to welcome you to participate in the forty-second plenary session of CGMS in Guangzhou. This is the third CGMS plenary hosted by China, following the 1993 21st session in Beijing and the 2006 34th session in Shanghai.

It is a known fact that satellite observation has become the largest data source for numerical weather prediction. The combination of accurate and timely satellite observations and forecast modelling maximizes the possibility of providing accurate weather forecasts to the public. Satellite observation, in particular, makes an indispensable atmospheric and environmental data source for the areas lacking of surface observation.

CGMS is a major international organization coordinating Earth observation activities around the world. It facilitates international cooperation and coordination among members of the organization in a positive and pragmatic manner. CGMS attaches great importance to the continuity of satellite observation, coordinating different satellite systems, and allowing users to have a sustained and reliable access to satellite data. As a coordinating mechanism, CGMS has played a unique role in the use of frequency, standardized data and products distribution, emergency response planning among others.

Thanks to the booming development of satellite applications, CGMS' activities have reached non-conventional areas, such as climate and space weather. In addition, it supports the use of various techniques, including virtual laboratories, to sponsor user training events, in an attempt to enhance users' knowledge and understanding of new products. We think highly of the work done by CGMS, and appreciate the important role played by CGMS in coordinating national satellite planning, optimizing the global meteorological satellite observing system, in improving meteorological services, and in disaster prevention and preparedness.

As head of a meteorological service that takes care of the world's most populous country, I would like to share with you that the Chinese government attaches great importance to the drive of meteorological modernization, and has invested huge resources in establishing China's own satellite observing and application systems. CMA became a member of CGMS in 1989. Right from the beginning of planning a satellite observing system, China has been a part of the international coordination framework. In the past 40 years, CMA has become increasingly involved in CGMS activities and in international meteorological activities as well. China has developed two series satellite observing platforms consisting of geostationary and polar-orbiting satellites. China provides, through satellite broadcasting, satellite data, products and meteorological services directly to the users in 22 countries and regions, and became an important part of GEONETCast and WMO

Information System. To optimize the polar-orbiting satellite constellation and improve global numerical weather prediction, CMA works hard to make early morning orbit part of the operation of FY polar-orbiting satellites, urging the Chinese government to ratify the revised meteorological satellite development planning.

CMA has been greatly benefited from satellite observing system, and expects more from it. In response to global climate change and the increased occurrences of extreme weather, climate events and atmospheric pollution, I, being one of the user group representatives, appeal for further enhanced cooperation between satellite operators and meteorological agencies, making concrete efforts to improve meteorological satellite data and products, and to provide more and better services to different users around the world.

I am pleased to see that at this meeting, CMA will report the role played by Chinese meteorological satellites in emergency response. Hopefully, the discussions made at this meeting will draw more attention to the regional cooperation in emergency response. We should, through a proper demonstration mechanism, establish sound intercommunications between satellite users and service providers, dealing with unexpected regional weather disasters using our joint efforts.

Distinguished Mr. Alain Ratier,

Ladies and gentlemen,

I believe with your hard work, this CGMS plenary will produce fruitful results from the upcoming discussions. I would also like to thank the staffs making this meeting a successful event.

In concluding, I wish a complete success of CGMS-42 plenary! Wish you a pleasant stay in Guangzhou!

Thank you.

*Dr TIAN Yulong, Secretary-General, CNSA*

Distinguished Mr. Alain Ratier, Administrator Dr. Zheng, ladies and gentlemen,

Good Morning!

It is a great honor for CNSA and CMA to help holding CGMS-42. On behalf of CNSA and Administrator, Mr. Xu Dazhe, I would like to congratulate CGMS-42 has been going well!

CGMS plays a key role in the construction of global observing system, the optimization of space segment, and the standardization of global observing system and data services. Contributions from CGMS and WMO in coordination of space resource, data receiving and sharing, especially analysis of space-based gap are incredibly important, and instructive for all members, in organizing the satellite projects and constructing the space system. CGMS has been an invaluable communication platform for members.

Both CNSA and CMA are committing to construct of FY series satellites, which guarantee the stable transit satellites from R&D satellite to operational satellite and global serving capability of FY-2 and FY-3, and propel the development of FY-4 new satellite. CNSA now is organizing the China New generation Earth Observing System-CHEOS which is one of the major national science and technology projects. The objective of CHEOS is the observation and scientific exploration of land, ocean, atmosphere, and their interaction. Nowadays, the new system has achieved preliminary results from GF-1. CNSA is attempting to promote the operational service of CHEOS and offer the international serving capability.

In the future, CNSA with CMA together will keep closely cooperating with CGMS and WMO to optimize the space-based system, push forward the satellites technology and its professional services, and boost the capability of global observing system together.

At last, I wish this meeting a complete success, and everyone enjoy your stay in Guangzhou!

Thank you very much for your attention!

## LIST OF PLENARY PARTICIPANTS

PLENARY List of Participants - CGMS-42				
First name	Last name	Organisation	Country	Email
Xiang	Fang	CMA	China	<a href="mailto:fangxiang@cma.gov.cn">fangxiang@cma.gov.cn</a>
Ling	Gao	CMA	China	<a href="mailto:gaoling@cma.gov.cn">gaoling@cma.gov.cn</a>
Qiang	Guo	CMA	China	<a href="mailto:guoqiang@cma.gov.cn">guoqiang@cma.gov.cn</a>
Guan	Hong	CMA	China	-
Mi	Liao	CMA	China	-
Jian	Liu	CMA	China	-
Feng	Lu	CMA	China	<a href="mailto:lufeng@cma.gov.cn">lufeng@cma.gov.cn</a>
Dongfeng	Luo	CMA	China	<a href="mailto:luodf@cma.gov.cn">luodf@cma.gov.cn</a>
Ning	Niu	CMA	China	<a href="mailto:niuning1980@126.com">niuning1980@126.com</a>
Chunfang	Wang	CMA	China	-
Bangzhong	Wang	CMA	China	<a href="mailto:wangbz@cma.gov.cn">wangbz@cma.gov.cn</a>
Xuebao	Wu	CMA	China	<a href="mailto:wuxb@cma.gov.cn">wuxb@cma.gov.cn</a>
Jun	Yang	CMA	China	<a href="mailto:junyang@cma.gov.cn">junyang@cma.gov.cn</a>
Xiaoxin	Zhang	CMA	China	-
Peng	Zhang	CMA	China	<a href="mailto:zhangp@cma.gov.cn">zhangp@cma.gov.cn</a>
Zhiqing	Zhang	CMA	China	<a href="mailto:zqzhang@cma.gov.cn">zqzhang@cma.gov.cn</a>
Xiaoxin	Zhang	CMA	China	<a href="mailto:xxzhang@cma.gov.cn">xxzhang@cma.gov.cn</a>
Guoguang	Zheng	CMA	China	<a href="mailto:yi@cma.gov.cn">yi@cma.gov.cn</a>
Heng	Zou	CMA	China	-
Jun	Gao	CNSA	China	<a href="mailto:gaojun8858@sina.com">gaojun8858@sina.com</a>
Li	Liu	CNSA	China	<a href="mailto:liulicugb@126.com">liulicugb@126.com</a>
Sihan	Liu	CNSA	China	-
Ying	Luo	CNSA	China	<a href="mailto:luoying@dfhsat.com">luoying@dfhsat.com</a>
Yulong	Tian	CNSA	China	<a href="mailto:xiey@irsa.ac.cn">xiey@irsa.ac.cn</a>
Chengwen	Wang	CNSA	China	<a href="mailto:zhaony@irsa.ac.cn">zhaony@irsa.ac.cn</a>
Zheng	Wei	CNSA	China	<a href="mailto:weizheng@radi.ac.cn">weizheng@radi.ac.cn</a>
Yong	Xie	CNSA	China	<a href="mailto:xieyong@radi.ac.cn">xieyong@radi.ac.cn</a>
Hongliang	Xu	CNSA	China	-
Qi	Yu	CNSA	China	<a href="mailto:yuqi@radi.ac.cn">yuqi@radi.ac.cn</a>
Mingsen	Lin	CNSA (NSOAS)	China	<a href="mailto:mshin@mail.nsoas.gov.cn">mshin@mail.nsoas.gov.cn</a>
Michael	Manore	Environment Canada	Canada	<a href="mailto:Mike.Manore@ec.gc.ca">Mike.Manore@ec.gc.ca</a>
Jean-Louis	Fellous	ESA	France	<a href="mailto:jfellous@noos.fr">jfellous@noos.fr</a>
Rowanna	Comerford	EUMETSAT	Germany	<a href="mailto:rowanna.comerford@eumetsat.int">rowanna.comerford@eumetsat.int</a>
Joaquin	Gonzalez Picazo	EUMETSAT	Germany	<a href="mailto:joaquin.gonzalez@eumetsat.int">joaquin.gonzalez@eumetsat.int</a>
Kenneth	Holmlund	EUMETSAT	Germany	<a href="mailto:kenneth.holmlund@eumetsat.int">kenneth.holmlund@eumetsat.int</a>
Livio	Mastroddi	EUMETSAT	Germany	<a href="mailto:zeynep.dinsi@eumetsat.int">zeynep.dinsi@eumetsat.int</a>
Alain	Ratier	EUMETSAT	Germany	<a href="mailto:alain.ratier@eumetsat.int">alain.ratier@eumetsat.int</a>
Klaus Peter	Renner	EUMETSAT	Germany	<a href="mailto:klauspeter.renner@eumetsat.int">klauspeter.renner@eumetsat.int</a>
Anne	Taube	EUMETSAT	Germany	<a href="mailto:anne.taube@eumetsat.int">anne.taube@eumetsat.int</a>
Paul	Counet	EUMETSAT	Germany	<a href="mailto:paul.counet@eumetsat.int">paul.counet@eumetsat.int</a>

Stephen	Briggs	GCOS	United Kingdom	<a href="mailto:stephen.briggs@esa.int">stephen.briggs@esa.int</a>
Osamu	Ochiai	GEO	Switzerland	<a href="mailto:oochiai@geosec.org">oochiai@geosec.org</a>
Virendra	Singh	IMD	India	<a href="mailto:vsvsingh69@gmail.com">vsvsingh69@gmail.com</a>
David	Halpern	IOC/UNESCO	USA	<a href="mailto:david.halpern@jpl.nasa.gov">david.halpern@jpl.nasa.gov</a>
Rajagopalan	Ramakrishnan	ISRO	India	<a href="mailto:rama@sac.isro.gov.in">rama@sac.isro.gov.in</a>
Arumugam	Senthil Kumar	ISRO	India	<a href="mailto:senthilkumara@nrsc.gov.in">senthilkumara@nrsc.gov.in</a>
Niels	Bormann	ITWG	United Kingdom	<a href="mailto:n.bormann@ecmwf.int">n.bormann@ecmwf.int</a>
Kazuo	Umezawa	JAXA	Japan	<a href="mailto:umezawa.kazuo@jaxa.jp">umezawa.kazuo@jaxa.jp</a>
Yasushi	Izumikawa	JMA	Japan	<a href="mailto:y-izumikawa@met.kishou.go.jp">y-izumikawa@met.kishou.go.jp</a>
Toshiyuki	Kurino	JMA	Japan	<a href="mailto:tkurino@met.kishou.go.jp">tkurino@met.kishou.go.jp</a>
Arata	Okuyama	JMA	Japan	<a href="mailto:okuyama.arata@met.kishou.go.jp">okuyama.arata@met.kishou.go.jp</a>
Koon-Ho	Yang	KARI	South Korea	<a href="mailto:khyang@kari.re.kr">khyang@kari.re.kr</a>
Sungwook	Hong	KMA	South Korea	<a href="mailto:sesttiya@gmail.com">sesttiya@gmail.com</a>
Jae-Dong	Jang	KMA	South Korea	<a href="mailto:jaedongjang@korea.kr">jaedongjang@korea.kr</a>
Dohyeong	Kim	KMA	South Korea	<a href="mailto:dkim@kma.go.kr">dkim@kma.go.kr</a>
Tae Sun	Kwon	KMA	South Korea	<a href="mailto:tskwon@korea.kr">tskwon@korea.kr</a>
Jack	Kaye	NASA	USA	<a href="mailto:jack.kaye@nasa.gov">jack.kaye@nasa.gov</a>
Dong	Wu	NASA	USA	<a href="mailto:dong.l.wu@nasa.gov">dong.l.wu@nasa.gov</a>
Manik	Bali	NOAA	USA	-
Suzanne	Hilding	NOAA	USA	<a href="mailto:suzanne.hilding@noaa.gov">suzanne.hilding@noaa.gov</a>
Kimberly	Hurst	NOAA	USA	<a href="mailto:kimberly.hurst@noaa.gov">kimberly.hurst@noaa.gov</a>
Mary	Kicza	NOAA	USA	<a href="mailto:mary.kicza@noaa.gov">mary.kicza@noaa.gov</a>
Marvin	LeBlanc	NOAA	USA	<a href="mailto:marvin.leblanc@noaa.gov">marvin.leblanc@noaa.gov</a>
Ajay	Mehta	NOAA	USA	<a href="mailto:ajay.mehta@noaa.gov">ajay.mehta@noaa.gov</a>
John	Murphy	NOAA	USA	<a href="mailto:John.d.Murphy@NOAA.GOV">John.d.Murphy@NOAA.GOV</a>
Marlin	Perkins	NOAA	USA	<a href="mailto:Marlin.O.Perkins@noaa.gov">Marlin.O.Perkins@noaa.gov</a>
Charles	Wooldridge	NOAA	USA	<a href="mailto:charles.wooldridge@noaa.gov">charles.wooldridge@noaa.gov</a>
John	Bates	NOAA (CEOS-CGMS JWG Climate)	USA	<a href="mailto:john.j.bates@noaa.gov">john.j.bates@noaa.gov</a>
Ilya	Badaev	ROSCOSMOS	Russian Federation	<a href="mailto:tkachenko@laspace.ru">tkachenko@laspace.ru</a>
Alexander	Karelin	ROSCOSMOS	Russian Federation	<a href="mailto:avkarelin@mail.ru">avkarelin@mail.ru</a>
Alexander	Konjakhin	ROSCOSMOS	Russian Federation	<a href="mailto:opoi@roscosmos.ru">opoi@roscosmos.ru</a>
Fedor	Lyubchenko	ROSCOSMOS	Russian Federation	<a href="mailto:fedornl@yandex.ru">fedornl@yandex.ru</a>
Mikhail	Novikov	ROSCOSMOS	Russian Federation	<a href="mailto:smvd.vniiem@mail.ru">smvd.vniiem@mail.ru</a>
Valeriy	Psarev	ROSCOSMOS	Russian Federation	<a href="mailto:SlastnayaAJu@tsniimash.ru">SlastnayaAJu@tsniimash.ru</a>
Anastasia	Slastnaya	ROSCOSMOS	Russian Federation	<a href="mailto:alarmia2007@yandex.ru">alarmia2007@yandex.ru</a>
Alexander	Tkachenko	ROSCOSMOS	Russian Federation	<a href="mailto:tkachenk_2000@mail.ru">tkachenk_2000@mail.ru</a>



			Federation	
Zoya	Andreeva	ROSHYDROMET	Russian Federation	<a href="mailto:andreeva.planet@gmail.com">andreeva.planet@gmail.com</a>
Vasily	Asmus	ROSHYDROMET	Russian Federation	<a href="mailto:asmus@planet.iitp.ru">asmus@planet.iitp.ru</a>
Liubov	Kramareva	ROSHYDROMET	Russian Federation	<a href="mailto:arkweid@yandex.ru">arkweid@yandex.ru</a>
Tatiana	Labenets	ROSHYDROMET	Russian Federation	<a href="mailto:laben@mcc.mecom.ru">laben@mcc.mecom.ru</a>
Alexey	Rublev	ROSHYDROMET	Russian Federation	<a href="mailto:alex.rublev@mail.ru">alex.rublev@mail.ru</a>
Alexander	Uspenskiy	ROSHYDROMET	Russian Federation	<a href="mailto:uspensky@planet.iitp.ru">uspensky@planet.iitp.ru</a>
Jérôme	Lafeuille	WMO	Switzerland	<a href="mailto:jlafeuille@wmo.int">jlafeuille@wmo.int</a>
Mikael	Rattenborg	WMO	Switzerland	<a href="mailto:mikael@rattenborg.de">mikael@rattenborg.de</a>
Lars Peter	Riishojgaard	WMO	Switzerland	<a href="mailto:lriishojgaard@wmo.int">lriishojgaard@wmo.int</a>
Wenjian	Zhang	WMO	Switzerland	<a href="mailto:Wzhang@wmo.int">Wzhang@wmo.int</a>
Hui	Wang	WMO (NMEFC)	Switzerland	<a href="mailto:wangh@nmeffc.gov.cn">wangh@nmeffc.gov.cn</a>

## LIST OF WORKING GROUP PARTICIPANTS

WG I List of Participants - CGMS-42				
First name	Last name	Organisation	Country	Email
Dongfeng	Luo	CMA	China	<a href="mailto:luodf@cma.gov.cn">luodf@cma.gov.cn</a>
Zhiqing	Zhang	CMA	China	<a href="mailto:zqzhang@cma.gov.cn">zqzhang@cma.gov.cn</a>
Jian	Liu	CMA	China	<a href="mailto:liuj@cma.gov.cn">liuj@cma.gov.cn</a>
Chungfang	Wang	CMA	China	<a href="mailto:wangcf@cma.gov.cn">wangcf@cma.gov.cn</a>
Jun	Gao	CNSA	China	<a href="mailto:gaojun8858@sina.com">gaojun8858@sina.com</a>
Ying	Luo	CNSA	China	<a href="mailto:luoying@dfhsat.com">luoying@dfhsat.com</a>
Qi	Yu	CNSA	China	<a href="mailto:yuqi@radi.ac.cn">yuqi@radi.ac.cn</a>
Michael	Manore	EC Canada	Canada	<a href="mailto:Mike.Manore@ec.gc.ca">Mike.Manore@ec.gc.ca</a>
Joaquin	Picazo	EUMETSAT	Germany	<a href="mailto:joaquin.gonzalez@eumetsat.int">joaquin.gonzalez@eumetsat.int</a>
Livio	Mastroddi	EUMETSAT	Germany	<a href="mailto:livio.mastroddi@eumetsat.int">livio.mastroddi@eumetsat.int</a>
Klaus Peter	Renner	EUMETSAT	Germany	<a href="mailto:klauspeter.renner@eumetsat.int">klauspeter.renner@eumetsat.int</a>
Osamu	Ochiai	GEO	Switzerland	<a href="mailto:oochiai@geosec.org">oochiai@geosec.org</a>
Virendra	Singh	IMD	India	<a href="mailto:vsvsingh69@gmail.com">vsvsingh69@gmail.com</a>
Rajagopalan	Ramakrishnan	ISRO	India	<a href="mailto:rama@sac.isro.gov.in">rama@sac.isro.gov.in</a>
Yasushi	Izumikawa	JMA	Japan	<a href="mailto:y-izumikawa@met.kishou.go.jp">y-izumikawa@met.kishou.go.jp</a>
Koon-Ho	YANG	KARI	South Korea	<a href="mailto:khyang@kari.re.kr">khyang@kari.re.kr</a>
Jae-Dong	Jang	KMA	South Korea	<a href="mailto:jaedongjang@korea.kr">jaedongjang@korea.kr</a>
Marlin	Perkins	NOAA	USA	<a href="mailto:Marlin.O.Perkins@noaa.gov">Marlin.O.Perkins@noaa.gov</a>
Charles	Wooldridge	NOAA	USA	<a href="mailto:charles.wooldridge@noaa.gov">charles.wooldridge@noaa.gov</a>
Alexander	Karelin	ROSCOSMOS	Russia	<a href="mailto:avkarelin@mail.ru">avkarelin@mail.ru</a>
Mikhail	Novikov	ROSCOSMOS	Russia	<a href="mailto:smvd.vniem@mail.ru">smvd.vniem@mail.ru</a>
Valeriy	Psarev	ROSCOSMOS	Russia	<a href="mailto:SlastnayaAJu@tsniimash.ru">SlastnayaAJu@tsniimash.ru</a>
Anastasia	Slastnaya	ROSCOSMOS	Russia	<a href="mailto:alarmia2007@yandex.ru">alarmia2007@yandex.ru</a>
Zoya	Andreeva	ROSHYDROMET	Russia	<a href="mailto:andreeva.planet@gmail.com">andreeva.planet@gmail.com</a>
Vasily	Asmus	ROSHYDROMET	Russia	<a href="mailto:asmus@planet.iitp.ru">asmus@planet.iitp.ru</a>
Tatiana	Labenets	ROSHYDROMET	Russia	<a href="mailto:laben@mcc.mecom.ru">laben@mcc.mecom.ru</a>
Jérôme	Lafeuille	WMO	Switzerland	<a href="mailto:jlafeuille@wmo.int">jlafeuille@wmo.int</a>
Mikael	Rattenborg	WMO	Germany	<a href="mailto:mikael@rattenborg.de">mikael@rattenborg.de</a>

WG II List of Participants - CGMS-42				
First name	Last name	Organisation	Country	Email
Qiang	Guo	CMA	China	<a href="mailto:guoqiang@cma.gov.cn">guoqiang@cma.gov.cn</a>
Feng	Lu	CMA	China	<a href="mailto:lufeng@cma.gov.cn">lufeng@cma.gov.cn</a>
Peng	Zhang	CMA	China	<a href="mailto:zhangp@cma.gov.cn">zhangp@cma.gov.cn</a>
Jiashen	Zhang	CMA	China	<a href="mailto:zhangjs@cma.gov.cn">zhangjs@cma.gov.cn</a>
Ying	Wang	CNSA	China	<a href="mailto:wangying@radi.ac.cn">wangying@radi.ac.cn</a>
Tianhai	Cheng	CNSA	China	<a href="mailto:chength@radi.ac.cn">chength@radi.ac.cn</a>
Li	Liu	CNSA	China	<a href="mailto:liulicugb@126.com">liulicugb@126.com</a>
Yong	Xie	CNSA	China	<a href="mailto:xieyong@radi.ac.cn">xieyong@radi.ac.cn</a>
Shaohua	Zhao	CNSA	China	<a href="mailto:zshyytt@126.com">zshyytt@126.com</a>
Jean-Louis	Fellous	ESA	France	<a href="mailto:jfellous@noos.fr">jfellous@noos.fr</a>
Kenneth	Holmlund	EUMETSAT	Germany	<a href="mailto:kenneth.holmlund@eumetsat.int">kenneth.holmlund@eumetsat.int</a>
Johannes	Schmetz	EUMETSAT	Germany	<a href="mailto:johannes.schmetz@eumetsat.int">johannes.schmetz@eumetsat.int</a>
Virendra	Singh	IMD	India	<a href="mailto:vsvsingh69@gmail.com">vsvsingh69@gmail.com</a>
Rajagopalan	Ramakrishnan	ISRO	India	<a href="mailto:rama@sac.isro.gov.in">rama@sac.isro.gov.in</a>
Arumugam	Senthil Kumar	ISRO	India	<a href="mailto:senthilkumar_a@nrsc.gov.in">senthilkumar_a@nrsc.gov.in</a>
Niels	Bormann	ITWG		<a href="mailto:niels.bormann@ecmwf">niels.bormann@ecmwf</a>
Kazuo	Umezawa	JAXA	Japan	<a href="mailto:omezawa.kazuo@jaxa.jp">omezawa.kazuo@jaxa.jp</a>
Toshiyuki	Kurino	JMA	Japan	<a href="mailto:tkurino@met.kishou.go.jp">tkurino@met.kishou.go.jp</a>
Arata	Okuyama	JMA	Japan	<a href="mailto:okuyama.arata@met.kishou.go.jp">okuyama.arata@met.kishou.go.jp</a>
Sungwook	Hong	KMA	South Korea	<a href="mailto:sesttiya@gmail.com">sesttiya@gmail.com</a>
Dohyeong	Kim	KMA	South Korea	<a href="mailto:dkim@kma.go.kr">dkim@kma.go.kr</a>
Tae Sun	Kwon	KMA	South Korea	<a href="mailto:tskwon@korea.kr">tskwon@korea.kr</a>
Dong	Wu	NASA	USA	<a href="mailto:dong.l.wu@nasa.gov">dong.l.wu@nasa.gov</a>
Ajay	Mehta	NOAA	USA	<a href="mailto:ajay.mehta@noaa.gov">ajay.mehta@noaa.gov</a>
Manik	Bali	NOAA		<a href="mailto:manik.bali@noaa.gov">manik.bali@noaa.gov</a>
Marvin	LeBlanc	NOAA	USA	<a href="mailto:marvin.leblanc@noaa.gov">marvin.leblanc@noaa.gov</a>
John	Bates	NOAA (CEOS- CGMS JWG Climate)	USA	<a href="mailto:john.j.bates@noaa.gov">john.j.bates@noaa.gov</a>
Ilya	Badaev	ROSCOSMOS	Russia	<a href="mailto:tkachenko@laspaces.ru">tkachenko@laspaces.ru</a>
Alexander	Konjakhin	ROSCOSMOS	Russia	<a href="mailto:opoi@roscosmos.ru">opoi@roscosmos.ru</a>
Fedor	Lyubchenko	ROSCOSMOS	Russia	<a href="mailto:fedornl@yandex.ru">fedornl@yandex.ru</a>
Alexander	Tkachenko	ROSCOSMOS	Russia	<a href="mailto:tkachenk_2000@mail.ru">tkachenk_2000@mail.ru</a>
Liubov	Kramareva	ROSHYDROMET	Russia	<a href="mailto:arkweid@yandex.ru">arkweid@yandex.ru</a>
Tatiana	Labenets	ROSHYDROMET	Russia	<a href="mailto:laben@mcc.mecom.ru">laben@mcc.mecom.ru</a>
Alexey	Rublev	ROSHYDROMET	Russia	<a href="mailto:alex.rublev@mail.ru">alex.rublev@mail.ru</a>
Alexander	Uspenskiy	ROSHYDROMET	Russia	<a href="mailto:uspensky@planet.iitp.ru">uspensky@planet.iitp.ru</a>
Lars Peter	Riishojgaard	WMO	Switzerland	<a href="mailto:lriishojgaard@wmo.int">lriishojgaard@wmo.int</a>
Mikael	Rattenborg	WMO	Germany	<a href="mailto:mikael@rattenborg.de">mikael@rattenborg.de</a>

WG III List of Participants - CGMS-42				
First name	Last name	Organisation	Country	Email
Chungfang	Wang	CMA	China	<a href="mailto:wangcf@cma.gov.cn">wangcf@cma.gov.cn</a>
Tianhai	Cheng	CNSA	China	<a href="mailto:chength@radi.ac.cn">chength@radi.ac.cn</a>
Jun	Gao	CNSA	China	<a href="mailto:gaojun8858@sina.com">gaojun8858@sina.com</a>
Ying	Luo	CNSA	China	<a href="mailto:luoying@dfhsat.com">luoying@dfhsat.com</a>
Michael	Manore	EC Canada	Canada	<a href="mailto:Mike.Manore@ec.gc.ca">Mike.Manore@ec.gc.ca</a>
Joaquin	Gonzalez Picazo	EUMETSAT	Germany	<a href="mailto:joaquin.gonzalez@eumetsat.int">joaquin.gonzalez@eumetsat.int</a>
Kenneth	Holmlund	EUMETSAT	Germany	<a href="mailto:kenneth.holmlund@eumetsat.int">kenneth.holmlund@eumetsat.int</a>
Livio	Mastroddi	EUMETSAT	Germany	<a href="mailto:zeynep.dinsi@eumetsat.int">zeynep.dinsi@eumetsat.int</a>
Klaus Peter	Renner	EUMETSAT	Germany	<a href="mailto:klauspeter.renner@eumetsat.int">klauspeter.renner@eumetsat.int</a>
Osamu	Ochiai	GEO	Switzerland	<a href="mailto:oochiai@geosec.org">oochiai@geosec.org</a>
Virendra	Singh	IMD	India	<a href="mailto:vsvsingh69@gmail.com">vsvsingh69@gmail.com</a>
Rajagopalan	Ramakrishnan	ISRO	India	<a href="mailto:rama@sac.isro.gov.in">rama@sac.isro.gov.in</a>
Yasushi	Izumikawa	JMA	Japan	<a href="mailto:y-izumikawa@met.kishou.go.jp">y-izumikawa@met.kishou.go.jp</a>
Koon-Ho	Yang	KARI	South Korea	<a href="mailto:khyang@kari.re.kr">khyang@kari.re.kr</a>
Jae-Dong	Jang	KMA	South Korea	<a href="mailto:jaedongjang@korea.kr">jaedongjang@korea.kr</a>
Suzanne	Hilding	NOAA	USA	<a href="mailto:suzanne.hilding@noaa.gov">suzanne.hilding@noaa.gov</a>
Kimberly	Hurst	NOAA	USA	<a href="mailto:kimberly.hurst@noaa.gov">kimberly.hurst@noaa.gov</a>
Ajay	Mehta	NOAA	USA	<a href="mailto:ajay.mehta@noaa.gov">ajay.mehta@noaa.gov</a>
Marlin	Perkins	NOAA	USA	<a href="mailto:Marlin.O.Perkins@noaa.gov">Marlin.O.Perkins@noaa.gov</a>
Charles	Wooldridge	NOAA	USA	<a href="mailto:charles.wooldridge@noaa.gov">charles.wooldridge@noaa.gov</a>
Mikhail	Novikov	ROSCOSMOS	Russia	<a href="mailto:smvd.vniiem@mail.ru">smvd.vniiem@mail.ru</a>
Valeriy	Psarev	ROSCOSMOS	Russia	<a href="mailto:SlastnayaAJu@tsniimash.ru">SlastnayaAJu@tsniimash.ru</a>
Anastasia	Slastnaya	ROSCOSMOS	Russia	<a href="mailto:SlastnayaAJu@tsniimash.ru">SlastnayaAJu@tsniimash.ru</a>
Zoya	Andreeva	ROSHYDROMET	Russia	<a href="mailto:andreeva.planet@gmail.com">andreeva.planet@gmail.com</a>
Vasily	Asmus	ROSHYDROMET	Russia	<a href="mailto:asmus@planet.iitp.ru">asmus@planet.iitp.ru</a>
Jérôme	Lafeuille	WMO	Switzerland	<a href="mailto:jlafeuille@wmo.int">jlafeuille@wmo.int</a>
Mikael	Rattenborg	WMO	Germany	<a href="mailto:mikael@rattenborg.de">mikael@rattenborg.de</a>

WG IV List of Participants - CGMS-42				
First name	Last name	Organisation	Country	Email
Chungfang	Wang	CMA	China	<a href="mailto:wangcf@cma.gov.cn">wangcf@cma.gov.cn</a>
Tianhai	Cheng	CNSA	China	<a href="mailto:chength@radi.ac.cn">chength@radi.ac.cn</a>
Jun	Gao	CNSA	China	<a href="mailto:gaojun8858@sina.com">gaojun8858@sina.com</a>
Ying	Luo	CNSA	China	<a href="mailto:luoying@dfhsat.com">luoying@dfhsat.com</a>
Michael	Manore	EC Canada	Canada	<a href="mailto:Mike.Manore@ec.gc.ca">Mike.Manore@ec.gc.ca</a>
Joaquin	Gonzalez Picazo	EUMETSAT	Germany	<a href="mailto:joaquin.gonzalez@eumetsat.int">joaquin.gonzalez@eumetsat.int</a>
Kenneth	Holmlund	EUMETSAT	Germany	<a href="mailto:kenneth.holmlund@eumetsat.int">kenneth.holmlund@eumetsat.int</a>
Livio	Mastroddi	EUMETSAT	Germany	<a href="mailto:livio.mastroddi@eumetsat.int">livio.mastroddi@eumetsat.int</a>
Klaus Peter	Renner	EUMETSAT	Germany	<a href="mailto:klauspeter.renner@eumetsat.int">klauspeter.renner@eumetsat.int</a>
Osamu	Ochiai	GEO	Switzerland	<a href="mailto:oochiai@geosec.org">oochiai@geosec.org</a>
Virendra	Singh	IMD	India	<a href="mailto:vsvsingh69@gmail.com">vsvsingh69@gmail.com</a>
Rajagopalan	Ramakrishnan	ISRO	India	<a href="mailto:rama@sac.isro.gov.in">rama@sac.isro.gov.in</a>
Yasushi	Izumikawa	JMA	Japan	<a href="mailto:y-zumikawa@met.kishou.go.jp">y-zumikawa@met.kishou.go.jp</a>
Koon-Ho	Yang	KARI	South Korea	<a href="mailto:khyang@kari.re.kr">khyang@kari.re.kr</a>
Jae-Dong	Jang	KMA	South Korea	<a href="mailto:jaedongjang@korea.kr">jaedongjang@korea.kr</a>
Marlin	Perkins	NOAA	USA	<a href="mailto:Marlin.O.Perkins@noaa.gov">Marlin.O.Perkins@noaa.gov</a>
Charles	Wooldridge	NOAA	USA	<a href="mailto:charles.wooldridge@noaa.gov">charles.wooldridge@noaa.gov</a>
Mikhail	Novikov	ROSCOSMOS	Russia	<a href="mailto:smvd.vniem@mail.ru">smvd.vniem@mail.ru</a>
Zoya	Andreeva	ROSHYDROMET	Russia	<a href="mailto:andreeva.planet@gmail.com">andreeva.planet@gmail.com</a>
Vasily	Asmus	ROSHYDROMET	Russia	<a href="mailto:asmus@planet.iitp.ru">asmus@planet.iitp.ru</a>
Jérôme	Lafeuille	WMO	Switzerland	<a href="mailto:jlafeuille@wmo.int">jlafeuille@wmo.int</a>
Mikael	Rattenborg	WMO	Germany	<a href="mailto:mikael@rattenborg.de">mikael@rattenborg.de</a>

Ad-hoc meeting on Space Weather List of Participants - CGMS-42				
First name	Last name	Organisation	Country	Email
Xiaoxin	ZHANG	CMA	China	<a href="mailto:xxzhang@cma.gov.cn">xxzhang@cma.gov.cn</a>
Yasushi	IZUMIKAWA	JMA	Japan	<a href="mailto:satellite@ml.kishou.go.jp">satellite@ml.kishou.go.jp</a>
Koon-Ho	YANG	KARI	South Korea	<a href="mailto:khyang@kari.re.kr">khyang@kari.re.kr</a>
Dohyeong	KIM	KMA	South Korea	<a href="mailto:dkim@kma.go.kr">dkim@kma.go.kr</a>
Elsayed	TALAAT	NASA	USA	<a href="mailto:elsayed.r.talaat@nasa.gov">elsayed.r.talaat@nasa.gov</a>
Tsutomu	NAGATSUMA	NICT	Japan	<a href="mailto:tnagatsu@nict.go.jp">tnagatsu@nict.go.jp</a>
Suzanne	HILDING	NOAA	USA	<a href="mailto:suzanne.hilding@noaa.gov">suzanne.hilding@noaa.gov</a>
Kimberly	HURST	NOAA	USA	<a href="mailto:kimberly.hurst@noaa.gov">kimberly.hurst@noaa.gov</a>
Ajay	MEHTA	NOAA	USA	<a href="mailto:ajay.mehta@noaa.gov">ajay.mehta@noaa.gov</a>
John	MURPHY	NOAA	USA	<a href="mailto:john.d.murphy@noaa.gov">john.d.murphy@noaa.gov</a>
Charles	WOOLDRIDGE	NOAA	USA	<a href="mailto:charles.wooldridge@noaa.gov">charles.wooldridge@noaa.gov</a>
Alexander	KARELIN	ROSCOSMOS	Russian Federation	<a href="mailto:avkarelin@mail.ru">avkarelin@mail.ru</a>
Anastasia	SLATSNAYA	ROSCOSMOS	Russian Federation	<a href="mailto:alarmia2007@yandex.ru">alarmia2007@yandex.ru</a>
Jérôme	LAFEUILLE	WMO	Switzerland	<a href="mailto:jlafeuille@wmo.int">jlafeuille@wmo.int</a>
Wenjian	ZHANG	WMO	Switzerland	<a href="mailto:wzhang@wmo.int">wzhang@wmo.int</a>
Mikael	RATTENBORG	CGMS Secretariat	Germany	<a href="mailto:mikael@rattenborg.de">mikael@rattenborg.de</a>



