

ACTIONS AND RECOMMENDATIONS - ET-SUP-7 - Geneva, Switzerland 27-30 May 2013

ET-SUP Action	Deadline	Status	Last Update
Action 7.1: All ET-SUP members to analyze the WMO 2012 Survey on the Use of Satellite Data, with particular focus on results specific to their Region; Members to provide feedback to the ET-SUP Chair and the Secretariat; Deadline: 1 Sep 2013.	01-Sep-13	DONE; WMO Survey remains valuable; all technical aspects of the satellite data value chain should be probed at the next survey; space weather should be covered more thoroughly	05/12/2013
Action 7.2: S. English and A. Rea to facilitate the invitation by CMA of an INPE/CPTEC observer to the next NAEDEX-APSDEU meeting in China 2014.	01-Jan-14	Under way, invitation to be forwarded to INPE (Luiz, Daniel)	12-Mar-14
Action 7.3: Regional Satellite Data Requirements Groups should each designate a chair or co-chairs, if not already in place. Deadline: 1 Sep 2013.	01-Sep-13	DONE; RA V: Agnes Lane (BoM) is designated Chair of TT-SUR RA III/IV: Luiz Machado designated Chair; both need formalization	05/12/2013
Action 7.4: S. Wannop, L. Machado, A. Rea, H. Kunimatsu and X. Fang to agree on a common template for gathering requirements for data access and exchange, based on their respective practices. Deadline: 1 Dec 2013.	01-Dec-13	OPEN	24/06/2013
Action 7.5: RA II WIGOS Project co-leads (JMA and KMA) to address the deficiencies and challenges reported by Members in RA II in response to the 2010/2011 user survey. Deadline: 4th AOMSUC in Oct 2013 (for development of a work plan)	01-Oct-13	DONE; many countries report a lack of capacity in using satellite data - addressed by CB activities by JICA and JMA; req for sand and dust products, to be addressed through SCOPE-Nowcasting; report to ET-SUP-8	12/03/2014
Action 7.6: WMO Secretariat, in collaboration with RA II WIGOS Project co-leads (JMA and KMA), to invite Lao PDR to become a member of the Coordination Group for the Project. Deadline: 1 Sep 2013	01-Sep-13	DONE ; Lao PDR invited in WMO letter (23 Sep 2013)	02/12/2013
Action 7.7: ET-SUP task group (R. Eckman in Lead; J.-L. Fellous, I. Gitonga, A. Rea, Secretariat) to develop a paper demonstrating the value of satellite data for the GFCS. Deadline: 15 Dec 2013.	15-Dec-13	OPEN; Progress to be reported to ET-SUP-8	12/03/2014
Action 7.8: In consultation with CMA, JMA and KMA, to develop (i) a product specification document, and (ii) a product dissemination plan, for harmonized RGBs for nowcasting from imagers on Himawari-8, FY-4A and Geo-KOMPSAT-2A. Lead: A. Rea; Co-Leads: H. Kunimatsu, X. Fang.	01-Nov-13	Superseded by SCOPE-Nowcasting Action plan, with May 2014 timeline	05/12/2013
Action 7.9: ET-SUP Chair and WMO Secretariat to explore how SCOPE-Nowcasting could be recognized as a catalyst for attaining globally harmonized satellite-based volcanic ash products for nowcasting. (contact points: D. Lockett, H. Pümpel (WMO); A. Tupper (BoM))	01-Nov-13	Superseded by SCOPE-Nowcasting Action plan, with May 2014 timeline	05/12/2013
Action 7.10: Designated leads for the SCOPE-Nowcasting Pilot Project 4 (Ocean Winds) to revise the plan to include real-time provision of data from multiple sources, including ASCAT, Oceansat-2 and HY-2A, with the possible addition of AMV data. Deadline: 1 Sep 2013	01-Sep-13	Superseded by SCOPE-Nowcasting Action plan, with May 2014 timeline	05/12/2013
Action 7.11: JMA and CMA to carry out test studies based on the GOES-R dust algorithm towards application to Himawari-8 and FY-4A data, and to compare results under a range of meteorological conditions (H. Kunimatsu, X. Fang).	01-May-14	Superseded by SCOPE-Nowcasting Action plan, with May 2014 timeline	02/12/2013
Action 7.12: A. Rea to update the SCOPE-Nowcasting Concept to reflect the discussions at ET-SUP-7, and to develop a high-level summary of the Concept. Deadline: 1 Sep 2013	01-Sep-13	DONE; minor changes still pending	05/12/2013
Action 7.13: WMO Secretariat to integrate data access information currently available on a static webpage into OSCAR. Deadline: 1 Nov 2013	01-Nov-13	DONE; was discussed at WMO Sec; cannot be addressed currently; due to lack of resources and other reasons, no major new features are expected to be added to OSCAR in the near future; data access through OSCAR should only address level 0/1 data (instrument-specific); higher-level data/products should be accessed through the online Product Access Guide	12/03/2014
Action 7.14: WMO Secretariat to distribute promotional material on OSCAR through letters to WMO PRs, to the co-chairs of the International Scientific Working Groups, and through emails to user communities. Deadline: End 2013	01-Jan-14	DONE; OSCAR was advertised at major conferences and by email to user communities	24-Jun-13
Action 7.15: Members of ET-SUP to advertise the OSCAR tool through their own communication channels. Deadline: 1 Oct 2013	01-Oct-13	DONE ; Members should continue through to ET-SUP-8; S English: ECMWF advertised OSCAR in their satellite training course; T Mostek: emails were sent to various NOAA and COMET staff on the OSCAR tool. This tool is relevant as NOAA works to develop a similar capability.	09/12/2013
Action 7.16: ET-SUP members to identify focal points in their institution that could provide input related to satellite data to the ICG-WIGOS Task Team on the WIGOS Metadata. Deadline: 30 June 2013.	30-Jun-13	DONE; Nigel Atkinson (UKMO), Guillaume Aubert (EUMETSAT), Leon Majewski (BoM) provided comments that were forwarded to Task Team on 28 Nov 2013	02/12/2013
Action 7.17: WMO Secretariat to develop a template for a 1-page update provided by satellite agencies at future joint ET-SAT/ET-SUP sessions.	None specified	DONE; communication with CGMS considered more effective than with ET-SAT; 1-pager to be asked from agencies at ET-SAT when it meets in 2014, for ET-SUP information	24/06/2013
Action 7.18: ET-SUP to identify amongst its members leaders for a task team further developing the satellite user perspective on data formats. Linkage to existing frameworks such as the WMO IPET-DRMM and the CEOS WGISS should be sought. Deadline: 30 June 2013.	30-Jun-13	DONE; Enrico Fucile (ECMWF), Simon Elliott (EUMETSAT), Daniele Biron (METEOAM), Simon Keogh (UKMO) to discuss topic at 6 Dec telcon	05/12/2013
Action 7.19: CMA VLab CoE to arrange for a distance lecture on the FY-3 product suite for the benefit of all Regions.	None specified	OPEN	24-Jun-13
Action 7.20: VLab CoE at the Hydrometeorology University of St. Petersburg (Russian Federation) to arrange for a distant lecture on the Meteor-M product suite for the benefit of all Regions in conjunction with a training event in Russia in 2014.	01-Jul-14	OPEN ; to be addressed at ET-SUP-8; Vlab/COSPAR training event planned for 21 Jul-1 Aug 2014 at Tver' University, on Remote Sensing of Water Cycle and Climate Change; expected to cover this Action	12/03/2014

Action 6.30: A. Mostek, with assistance from COMET and the WMO Space Programme office, to investigate whether ESRC (as a portal) and MetEd (as a repository of training material) can be registered in appropriate ways in the WIS, to allow for broad discover	None specified	OPEN; A. Mostek enquiring with COMET whether this can be done before late 2012; Rich Jeffreys new director of COMET - to become a Virtual Training Centre?	08-Mar-12
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Recommendation	Responsible	Observation
Recommendation 7.1: Global WMO surveys on the use of satellite data should be conducted roughly every four years.		
Recommendation 7.2: Region-based efforts to improve the use of satellite data by Members should be informed by data from (i) global surveys and, as necessary, (ii) Region-specific surveys; case and country-specific follow-up is particularly encouraged.		
Recommendation 7.3: Regional mechanisms fostering coordination of requirements for satellite data access and exchange should be strengthened by collocating, where possible: (i) region-based satellite user conferences; (ii) regional training events covering current and upcoming satellite systems, enabling users to utilize data from these systems, practical information on data access, visualization and analysis tools, and (iii) meetings of Regional Satellite Data Requirements Groups.		
Recommendation 7.4: WMO has insufficient resources to fully support such events, therefore Members of the Regional Satellite Data Requirements Groups including satellite providers should consider providing additional resources.		
Recommendation 7.5: Regional Satellite Data Requirements Groups should, at least initially, focus on access and exchange of (i) satellite data, or (ii) any data disseminated via satellite-based (DVB-type) services. As appropriate, the Groups should also work on a Region-based data dissemination plan, with cost/resource-sharing options to ensure sustainability of service.		
Recommendation 7.6: Regional Satellite Data Requirements Groups should regularly report to ET-SUP.		
Recommendation 7.7: The JCOMM Management Committee (MAN) is encouraged to pursue the establishment and effective functioning of the Task Team on Satellite Data Requirements (TT-SAT), with continuous review of its work plan that should be associated with related activities (e.g. International Ocean Vector Wind Science Team).		
Recommendation 7.8: Satellite operators should make near-real time datasets from new missions available to users as soon as possible even if the data are still under evaluation (noting that EUMETSAT made pre-operational Metop-B data available within about two weeks after launch). This enables users to test their reception, processing, archiving and analysis systems.		
Recommendation 7.9: All satellite operators intending to make their products discoverable through the Product Access Guide should follow the requirements specified in the PAG Concept and Specification Document (Appendix B in ET-SUP-7/doc. 10.1).		
Recommendation 7.10: EUMETSAT to provide an update on the Antarctic Data Acquisition initiative at the next session of ET-SUP regarding timeliness of data delivery and further development of the service.		
Recommendation 7.11: In the future, joint meetings of ET-SAT and ET-SUP should be considered, possibly including a panel for discussing matters of mutual interest.		
Recommendation 7.12: ET-SUP stressed that RARS should be continuously supported and that the expansion of RARS services to incorporate hyperspectral sounder data, transmitted either in L or X-band, required additional efforts.		
Recommendation 7.13: ET-SUP recommended that CGMS operators provide regular annual contributions to the WMO VLab Trust Fund in order to ensure sustained technical support to the VLab.		
Recommendation 7.14: ET-SUP expressed its concern about the immediate threats to the COMET resource given its essential role for the VLab, and encouraged all efforts to restore funding to a level necessary for its continuing functioning.		
Recommendation 7.15: Collaborative training activities between COSPAR and the VLab should be fostered and training materials shared.		
Recommendation 7.16: ECMWF to participate in internationally-coordinated observing system simulation experiments to determine the optimal GNSS-RO constellation, in line with CGMS Action 40.23.		
Recommendation 7.17: A roadmap towards a sustainable, enhanced DVB-S service covering RAIII and RA IV should be developed and implemented through discussions among NOAA, INPE, EUMETSAT, GEO and other interested parties, facilitated by WMO as appropriate.		