Products and Software Working Group

Review of past Action Items

ITSC20

Actions from ITSC-19

Number	Description	Person	Status
PSWG-1	Nigel Atkinson and Liam Gumley to test the FY-3C software and report back to the PSWG members.	NA/LG	Completed. Presentations given at CSPP meeting (Apr 2015) and ITSC-20 (Oct 2015)
PSWG-2	Nigel Atkinson and Nathalie Selbach to review the visualization package list on the PSWG webpage periodically.	NA/NS	Completed. The list of processing and visualisation packages has been reviewed in 2015 and is available on the PSWG web page.
PSWG-3	Thomas August to assemble a list of available surface emissivity validation datasets.	TA	Open. TA reports a lack of useful validation datasets. Still an important topic. Could be discussed further in the WG.
PSWG-4	Graeme Martin to contact KMA and explore the mechanism for transferring algorithms to CSPP GEO.	GM	Open. This refers to KMA algorithms for processing data from AMI on GEO-KOMPSAT-2A (≥2018). Awaiting news from KMA. May learn more from Asia/Oceania Meteorological Satellite Users' Conference (Nov 15)
PSWG-5	Liam Gumley to convey to SSEC the need to come up with a plan for continued IAPP support, perhaps under the umbrella of CSPP.	LG	Completed. IAPP is released under the CSPP umbrella (April 2015)

Actions carried over from ITSC-18

Number	Description	Person	Status
PSWG-1	Decide on a solution for working group user driven content and set up logins. This is needed because the group needs to add and edit content online without needing a web admin.	SSEC	Update March 2015 from Bill B: SSEC has chosen to use WordPress Multisite (based on WordPress). Plan to move the ITWG website, and all of it's sub-group pages, after installation and a trial period.
PSWG-11	Review links on the validation section of the website and add any new sources of information.	LL	Dependent on web site re-design
PSWG-14	In order to maintain a record of product provenance, create a set of guidelines for metadata to be associated with satellite products	GC/NS	Not done; refer back to the WG to decide whether to take it further, in the light of developments in the last 3 years.
PSWG-19	Write an "ADL Lessons Learned" document and submit to JPSS Program.	GM	
PSWG-20	Write a guide to "Compiling Portable Binary Code" and make available to ITWG online.	GM/RG	A draft document has been produced by Ray Garcia and Scott Mindock. Needs circulating.
PSWG-21	Advertise on ITWG website and associated software package websites that users can contribute their own algorithms or software for product generation.	KS	Addressed through conferences, meetings and workshops. Propose to close.

Recommendations from ITSC19

Number	Description (summary)	To	Comment
1	Noting launch of Meteor-M N2: 1) Provide real-time DB data and DB processing software. 2) Provide global data via a web portal.	Roshydromet	Some progress: global MTVZA-GY data planned via EUMETCast. Roshydromet have been encouraged to provide DB software.
2	Early release of format details etc.; use of self-describing formats; use of metadata	Agencies	General
3	Provide information on algorithm, software, LUT, and format changes, and comparisons between IDPS and NASA radiance products.	NASA/JPSS	Any news? Discuss in WG
4	Provide routine DB data and processing software for GCOM-W1 AMSR2	JAXA	Any news?
5	Continue to provide unencrypted DB, and software	Agencies	General
6	Create product generation software for GEO sensors including ABI, AHI, AMI via common algorithms.	SSEC	See various posters at ITSC20
7	NOAA and EUMETSAT should work together to make the DBRTN data available to the global community	NOAA/EUM	Being addressed through DBNet
8	Create online status sites, using the POES status page as a model	Agencies	General
9	Provide information on the quality and evaluation of their respective products to users. [i.e. products from software packages]	Met Office / SSEC	NWP SAF monitoring activities have expanded since ITSC19, and more planned
10	Provide DB data and processing software for AMI.	KMA	AMI on GEO-KOMPSAT-2A (≥2018)
11	Continue support for funding of DB software packages	NASA / NOAA / EUM	General