Land Surface Analysis SAF

2013 User Workshop

17-19 June: Karlsruhe, Germany

Programme

Monday, 17 June		
09:00	Registration	
09:30	Opening including practical information	
09:35	Welcome KIT	Johannes Orphal (TBC)
09:45	The EUMETSAT SAF Network	Lothar Schueller
10:15	Overview of the Land SAF	Isabel Trigo
10:45	**Coffee Break**	
Session 1 – Monitoring Land Surfaces from Space: Vegetation, Wild Fires and Drought		
11:15	The vegetation monitoring in LSA SAF: overview and potential applications	J. García-Haro
11:35	Usage of remote sensing derived data for drought monitoring in Slovenia	M. Bostjan
11:55	Global analysis of canopy-scale chlorophyll fluorescence retrievals from MetOp-A/GOME-2 data	M. Voigt
12:15	Global monitoring of terrestrial sun-induced chlorophyll fluorescence from GOSAT/FTS and MetOp-A/GOME-2 space measurements	L. Guanter
12:35	**Lunch Break**	
14:05	LSA-SAF evapotranspiration products: state, updates & perspectives	A. Arboleda
14:25	Assessment of the EUMETSAT LSA-SAF Evapotranspiration Product for Agricultural Drought Monitoring in Europe	G. Sepulcre-Canto
14:45	The ESA WACMOS-ET project: advancing in the production of evapotranspiration from satellite observations	C. Jimenez
15:05	Daily maps of fire danger over Mediterranean Europe	C. DaCamara
15:25	**Tea Break**	
15:55	Pyrogeography of the Iberian Peninsula	T. Calado
16:15	Global Land Products from Copernicus	B. Smets
Session 2- Monitoring Land Surfaces from Space: Surface Radiation		
16:35	Land Surface Albedo and Downwelling Shortwave Radiation from MSG Geostationary Satellite: Method for retrieval, validation, and impact assessment in NWP and LSM Models	J.-L. Roujean
16:55	Extrapolation of in-situ measurements of Land surface temperature (LST) to satellite spatial resolution	A. Bork-Unkelbach

17:15 – 18:15	**Poster Session (& Tea)** Posters stay on display for 17 and 18 June
18:15	**Adjourn**

Tuesday, 18 June		
Session 2 (cont)- Monitoring Land Surfaces from Space: Surface Radiation		
09:30	US JPSS S-NPP Land Surface Temperature Product: Beta and Provisional Releases	Y. Yu
09:50	Validating LST and inter comparing observations from polar orbit and geostationary satellites by means of a model of illumination and viewing geometries	S. Ermida
10:10	Exploring RTTOV to retrieve Land Surface Temperature from a geostationary satellite constellation	V. Bento
10:30	Permanent validation of land surface products with ground based measurements	F. Olesen
10:50	**Coffee Break**	
11:20	Using satellite-derived land surface characteristics for land surface analysis at the UK Met Office	S. Pullen
11:40	All-weather estimates of the land surface skin temperatures from a combined analysis of microwave and infrared satellite observations	C. Jimenez
12:00	Application of ground measurements from KIT-run stations to the validation of LST from AATSR	D. Ghent (F. Göttsche)
12:20	**Lunch Break**	
13:50	Wetland inventory and variability over the last two decades at a global scale	C. Jimenez
14:10	LSA SAF 'Derived LST products' for MSG/SEVIRI	F. Göttsche
14:30	Overview of Climate Data Records of the EUMETSAT Satellite Application Facility on Climate Monitoring	R. Hollmann
14:50 – 15:30	Combined Use of Vis/IR and Microwave Remote Sensing Data to Diagnose the Closure Relationship Between Land-Surface Water and Energy Balance	D. Entekabi
15:30 – 16:30	**Poster Session (& Tea)** Posters stay on display for 17 and 18 June	
16:30	**Adjourn**	
18:00	**Conference Dinner at the 'Badische Weinstuben'**	

Wednesday, 19 June	
Working group discussions; drafting of recommendations / user requirements	
09:30	Introduction to working groups	
09:45	Working groups	
10:45	**Coffee Break**
11:00	**Plenary Session**
12:00	**Adjourn**

	Poster Presentations, 17 and 18 June	
Mon, 16:50 – 18:00 **and** Tue, 15:10 – 16:10	Analysis of snow-free vegetation and bare soil albedos and application to numerical weather prediction	D. Carrer
	Downwelling shortwave surface flux from MSG satellite: current LSA-SAF product and improvements under clear sky conditions based on aerosol modeling	X. Ceamanos
	An algorithm for burned area detection based on NIR and the reflected component of MIR as derived from MODIS	C. DaCamara
	A 10-daily NDVI composite derived from METOP-AVHRR	B. Smets
	Reference Crop Evapotranspiration: a new LSA SAF product	H. de Bruin (I. Trigo)
	CM SAF cloud datasets derived from SEVIRI on geostationary Meteosat Second Generation satellites	A. Kniffka
	LSA SAF 'Derived LST products' for MSG/SEVIRI	F. Göttsche
	LSA SAF Training Activities	C. Barroso
	LSA SAF – A General Overview of Current Plans	LSA SAF Team