

NIMH Bulgaria – EUMETSAT Training Workshop
MSG Land Surface Applications: Drought & Fires, SOFIA, 7 – 10 September 2009

	Monday 7 September 2009
13:30 h - 14.00 h	Registration
14:00 h - 14.10 h	Opening
14:10 h – 14:30 h	MSG Land Surface Applications: Introduction to Drought & Fires Problem Julia Stoyanova, NIMH, Bulgaria
14:30 h - 15.15 h	Use of SEVIRI and AVHRR channels for remote fire/smoke detection Jochen Kerkmann, EUMETSAT
15:15 h - 15.45 h	Coffee Break
15:45 h - 16.30 h	Use of SEVIRI and AVHRR channels for remote fire/smoke detection Jochen Kerkmann, EUMETSAT
16:30 h – 17:15 h	The MODIS Active Fire and Thermal Anomalies products Louis Giglio, SSAI/UM, Geography, USA
Evening	Icebreaker cocktail (wine testing restaurant)

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	Tuesday 8 September 2009
9:00 h – 9:45 h	SEVIRI Active Fire products Hans-Joachim Lutz , <i>EUMETSAT</i>
9:45 h – 10:15 h	MPEF SEVIRI satellite fire detection products Sauli Joro , <i>EUMETSAT</i>
10:15 h – 10:45 h	Coffee Break
10:45 h – 11:15 h	Visualization and validation of the Eumetsat fire product in Turkey. Ibrahim Sonmez , <i>TSMS, Turkey</i>
11:15 h – 11:45 h	MPEF SEVIRI satellite fire detection products validation Sauli Joro , <i>EUMETSAT</i>
11:45 h – 12:15 h	MPEF SEVIRI fire products validation in Bulgaria Julia Stoyanova , <i>NIMH, Bulgaria</i>
12:15 h – 13:45 h	Lunch Break
13:45 h – 14:45 h	MODIS Burned Area Products Louis Giglio , <i>SSAI/UM, Geography, USA</i>
14:45 h – 15:30 h	Overview of the Land-SAF: Products and Services Carlos Da Camara , <i>IDL, Portugal</i>
15:30 h – 16:00 h	Coffee Break
16:00 h – 17:30 h	The Fire Disturbance Essential Climate Variable and global monitoring for pre- and post-fire assessment Ivan Csizar , <i>NOAA/NESDIS, Satellite Applications & Research, USA</i>
Evening	

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	Wednesday 9 September 2009
9:00 h – 10:30 h	Integrated system for vegetation fire monitoring Alberto Setzer , <i>INPE, Space Research Institute, Brazil</i>
10:30 h – 11:00 h	Coffee Break
11:00 h – 11:45 h	Global fire monitoring for real-time applications Louis Giglio , <i>SSAI/UM, Geography, USA</i> Ivan Csiszar , <i>NOAA/NESDIS, Satellite Applications & Research, USA</i>
11:45 h – 12:30 h	Fire Detection and Monitoring with SEVIRI/Meteosat: the Land-SAF approach / Risk of Fire - Portugal as case a test case for Southern Europe Malik Amraoui , <i>UTAD, Portuga</i> Teresa Calado , <i>IDL/IM, Portuga</i>
12:30 h – 13:45 h	Lunch Break
13:45 h – 14:30 h	Fire weather severity and Operational forecasting Alberto Setzer , <i>INPE, Space Research Institute, Brazil</i>
14:30 h – 15:15 h	Forest fire forecasting/detection Nuno Moreira , <i>IM, Portugal</i>
15:15 h – 15:45 h	Coffee Break
15:45 h – 16:15 h	Introduction to the IDL FIR tool Sauli Joro , <i>EUMETSAT</i>
16:15 h– 17:15 h	IDL for the prototype FIR detection Sauli Joro , <i>EUMETSAT</i>
Evening	Workshop dinner

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	Thursday 10 September 2009
9:00 h – 9:10 h	Opening
9:10 h – 9:40 h	EUMETSAT presentation <i>Jose Prieto</i>
9:40 h – 10:30 h	Presentations of NIMH, Bulgaria <i>Christo Georgiev, Julia Stoyanova</i>
	National Meteorological Services presentations (<i>Albania, Greece, FYROM, Montenegro, Romania, Turkey</i>) <ul style="list-style-type: none"> ➤ Forecasting and early detection of drought and fires: operational practice and users. ➤ Fire weather forecasting.
10:30 h – 10:45 h	Coffee Break
10:45 h – 12:00 h	General discussion: <ul style="list-style-type: none"> ➤ Operational access to satellite data and products for detection of drought and fires (on vegetated land surface). ➤ Collaboration at a national level for early detection of wild and forest fires by satellites and fire weather forecasting. ➤ Needs for a Fire Warning System by using satellite data for South Eastern Europe (organization and perspectives). ➤ Preparation of recommendations for future activities at national, regional and international level.
12:00 h – 12:30 h	Buffet luncheon
	Closure