

3rd User Workshop 6 – 8 September 2010, Rostock

Programme

Monday, 6th September 2010

09:00	Registration P. Willing / B.Thies
10:00	Opening/Welcome M. Werscheck (DWD; Head CM SAF) K. Trauernicht (Ministry of Transport; Head of Division, Meteorology, Climate Monitoring, Earth Observation, German Meteorological Service) G. Adrian (DWD; President) E. Koenemann (EUMETSAT; Director of Programme Development) S. Sensoy (TSMS; Vice-President of WMO CCI) B. Ryan (WMO; Director Space Programme)
11:00	Developing a Space-based Architecture for Climate Monitoring <i>B. Ryan (WMO, Space Programme)</i>
11:30	EUMETSAT's Remits to Sustained Climate Monitoring from Space <i>L. Schüller (EUMETSAT)</i>
12:00	Lunch
13:15	Group photo
13:30	ESA EO Programmes and Climate Monitoring <i>B. Bojkov (ESA)</i>
14:00	CM SAF: Lessons Learnt and Future Plans <i>M. Werscheck (DWD; Germany)</i>
14:30	The Benefit of Training and Education in the Field of Satellite Meteorology and Climatology <i>V. Nietosvaara (FMI; Finland)</i>
15:00	Coffee
15:30	Status and Plans: Training <i>J. Trentmann (DWD; Germany)</i>
15:45	Status and Plans: Operations <i>P. Fuchs (DWD; Germany)</i>
16:00	The Use of CM SAF Data: Showcase Armenia <i>D. Hovhannisyan (ASHMS; Armenia)</i>
16:15	Comparison of SIS and in-situ Data in Turkey for the Year 2006 <i>E. Karakoc (TSMS; Turkey)</i>
16:30	CM SAF Training Workshop from a User Perspective <i>M. Žák</i>
16:45	Online Presentation <i>C. Träger (DWD; Germany)</i>
17:15	Poster Session I and Marketplace
19:00	Icebreaker

Tuesday, 7th September 2010

- 09:00** **Climate Monitoring and Analysis in the European Context**
G. Verver (KNMI; The Netherlands)
- 09:30** **Status and Plans: Surface Radiation Products and Services**
R. Müller (DWD; Germany)
- 10:00** **The Role of Surface Radiation in Climate Monitoring**
M. Wild (ETH; Switzerland)
- 10:30** **Coffee**
- 11:00** **Integrating CM SAF Data with Photovoltaic Geographical Information System**
T. Huld (JRC)
- 11:30** **Use of Surface Solar Radiation for Solar Energy Applications in Belgium**
C. Bertrand (RMIB; Belgium)
- 12:00** **The Use of CM SAF Radiation Data within the WMO Framework**
H. Nitsche (DWD; Germany)
- 12:20** **The Use of Satellite Data for Regional Climate Model Evaluation**
B. Ahrens (University Frankfurt; Germany)
- 12:50** **Lunch**
- 14:15** **Poster Session II**
- 15:30** **The Use of Satellite Data in Support to the Development and Evaluation of Climate Models**
S. Melo (CSA; Canada)
- 16:00** **Status and Plans: Top of Atmosphere (TOA) Radiation Products and Services**
S. Dewitte (RMIB; Belgium)
- 16:30** **Coffee**
- 17:00** **TOA Radiation Products from GERB and CERES and Analysis with Relation to recent Climate Anomalies**
N. Clerbaux (RMIB; Belgium)
- 17:20** **Extending the TOA Radiation Products back to 1978 using wide FOV and Geostationary Data**
E. Baudrez (RMIB; Belgium)
- 17:40 -** **Aerosol Optical Depth Retrieval from Geostationary Satellites**
18:00 *S. Nevens (RMIB; Belgium)*
- 18:30 -** **Social Event / Dinner**
- 22:00**

Wednesday, 8th September 2010

- 09:30** **Cloud Observations from Space for Climate Monitoring Purposes**
A. Heidinger (University of Wisconsin; USA)
- 10:00** **Status and Plans: Cloud Products and Services**
K.-G. Karlsson (SMHI; Sweden)
- 10:30** **Coffee**
- 11:00** **Use of CM SAF Products in the Arctic Region during the International Polar Year**
A. Devasthale (SMHI; Sweden)
- 11:30** **Evaluation of Model-predicted Top-of-Atmosphere Radiation and Cloud Parameters over Africa with Observations from GERB and SEVIRI**
W. Greuell (KNMI; The Netherlands)
- 12:00** **Monitoring of Cloud Properties and Atmospheric Profiles using IRSounders (TOVS, AIRS, IASI)**
C. Stubenrauch (LMD, France)
- 12:30** **Lunch**
- 14:00** **Use of Satellite-Inferred Water Vapour Transport to understand Atmospheric Circulation Changes**
B. J. Sohn (Seoul National University; Korea)
- 14:30** **Status and Plans: Water Cycle**
M. Schröder (DWD; Germany)
- 15:00** **On the Inter-Calibration of Microwave Radiances for Water Vapour Monitoring**
V. John (UKMO, UK)
- 15:30** **Coffee Break**
- 16:00** **Combined SSM/I and MERIS Water Vapour Products**
R. Preusker (Free University Berlin; Germany)
- 16:30** **Trends in Water Vapour Time Series**
S. Mieruch (University Bremen; Germany)
- 17:00** **Wrap up & Closing**
M. Werscheck (DWD; Germany)
- 17:30** **End of Meeting**