

## **EUMETSAT Data and Services for Climate Services and Research**

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In this presentation, after introducing the mandate of EUMETSAT for climate monitoring and major findings from the WCRP/EUMETSAT Climate Symposium in 2014, the presentation contains a description of the past, current and future EUMETSAT space segment capabilities strongly supporting climate monitoring including the detection of extremes. The presentation also highlights the need for carefully re-calibrated mission data enabling the detection and characterisation of extremes in longer climate data records. In addition it shows one example how the climate data record of surface albedo derived from Meteosat data is used to support climate studies of the Sahel drought. Finally the presentation provides information on the EUMETSAT climate product feedback mechanism and access points to EUMETSAT data and services.