NEW TRAINING COMPONENTS WITHIN EUMETSAT: 
MSG INTERPRETATION GUIDE AND TRAINING PROJECT

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ABSTRACT

The presentation discusses and presents new components of training material produced by an international co-operation within EUMETSAT.

The MSG Interpretation Guide

The idea behind the development of an MSG Interpretation Guide was the early information of forecasters about the usefulness, the advantages and the application possibilities of the new MSG channels and channel combinations. The aim was to have the training material ready at the same time when MSG data are being declared operational.

The concept was a co-operation among interested institutes which contribute in form of interesting investigations and image interpretations. ZAMG was responsible for the collection of input and the preparation of an interpretation guide after an expert team reviewed the content.

First priority for the MSG Interpretation Guide are at the time being the needs of the user group of the forecasters; but step by step other priorities will be handled concerning land use aspects, chemical aspects, climate aspects and specific products.

In the presentation the Interpretation Guide will be shown in its overall structure and by selected parts.

EUMettrain - A 5-Years Training Project

In the last years different Training Material was developed by the EUMETSAT training department as well as by member states within the frame of the training department. An international Training Project called EUMettrain shall collect and combine all these training aspects under a common roof. Training Tasks mentioned within the Training Plan of EUMETSAT will be treated within EUMettrain through an international co-operation between interested member and co-operating member states. Some aspects are: development of MSG and EPS basic training material; development and collection of case studies of typical and catastrophic weather events in different parts of Europe from the viewpoint of satellite data; preparation of the developed material with help of different CAL methods for learning and also testing the gained knowledge; maintenance of already developed training material to keep it up to date.

The above mentioned MSG Interpretation Guide (although started before the legal formation of EUMettrain) is a typical example for the planned work and will be taken over by the project and consequently further developed.

At the time being there exist several other training projects like for instance Eumetcal and the virtual laboratory; EUMettrain shall co-operate with these programs by producing material in the field of satellite meteorology which can be regarded as input for the other training projects.