



1 Assessment of the evapotranspiration and surface fluxes in the framework of the LSA-SAF: methodology and first results

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The poster presents the methodology we are currently developing for the estimation of the evapotranspiration (ET) over Europe, in the framework of the EUMETSAT LSA-SAF project. The method we propose follows a physical approach and can best be described as a simplified SVAT (Soil Vegetation Atmosphere Transfer) model in which main input comes from MSG (Meteosat Second Generation) satellite.

Validation of the methodology has been performed, using in situ observations from some measurements sites (e.g. Cabauw in the Netherlands, Murex in France). Results are presented as well as first ET images obtained with real MSG data.

A good consistency with observations is obtained, which is encouraging for the next developments.