



## **SwissMetNet: Renewal of the Swiss ground-based measurement network and its operational quality control**

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Among its duties, MeteoSwiss is responsible for the operation and maintenance of a meteorological (Nowcasting) and climatological (Climate Change) network guaranteeing regular measurements on the entire Swiss territory. The ground-based network is currently being renewed by MeteoSwiss, under the project SwissMetNet. With this project, MeteoSwiss will have a state-of-the-art unified and secured network, composed of 130 automatic weather stations measuring ca. 20 meteorological parameters and 20 housekeeping values.

This contribution focuses on the network description and on the tools for operational data quality control and for the monitoring of sensors' performance.