

Real time monitoring of observations by Regional WIGOS Centres  
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The registration and monitoring of observations exchanged in real time, globally, is a functionality critical to the quality of weather forecasts. In regions where the observations are sparse, the absence of data for prolonged periods introduces significant gaps. WMO has established a set of tools, which implemented sustainably, would enable an effective detection of missing observations. Regional WIGOS metadata management are designed to work with data providers to facilitate collection, updating and provision of quality control for WIGOS metadata in OSCAR/Surface, while the WIGOS Data Quality Monitoring System (WDQMS) function, in particular evaluation and incident management, by following-up with data providers on availability/quality issues. The presentation will outline the functionality and the benefits of establishing regional WIGOS centre capabilities.