



Quality assessment of meteorological measurement data for the KLIMZUG-NORD project

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Recently, a project named KLIMZUG (<http://www.klimzug.de/>) has been initiated. The main aim of this project is to investigate climate change adaptation strategies. This project is divided into seven sub-regions in Germany, of which one is KLIMZUG-NORD, which is investigating the metropolis Hamburg (<http://klimzug-nord.de/>). As part of this project the DWD (German Meteorological Service) is collecting and evaluating the quality of external (no standard quality proof DWD) measurement data for the metropolis Hamburg.

Several approaches to evaluate and quantify the quality of the meteorological measurement data and a project plan to study the representativity of individual observation locations are introduced on this poster. An approach is also presented to investigate homogeneity of the measurement data, also based on previous experience of methods used for DWD measurement data.