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A Near Real-Time Meteorological Data Depository for Atmospheric Research in Africa

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Development of a remotely accessible meteorological data depository from an online server located at Obafemi Awolowo University (OAU). Using resources based on existing RENs this facility will allow researchers anywhere in the world to download reliable atmospheric data (in near real-time) from an array of low-cost automatic (and autonomous) weather stations to be deployed across Nigeria. This online database will be useful for the study of the atmospheric phenomena (regional climate modelling, aerosol loading and pollution, etc.).

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Session Classification: Presentation of use cases and their implementation strategies