

Application of Internet of Things technology in collecting and evaluating environmental temperature and humidity.

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Abstract: In the context of increasing climate change issues, the accurate collection and assessment of environmental temperature and humidity has become an urgent need. This topic focuses on applying Internet of Things (IoT) technology to develop an automatic monitoring system. The goal is to build a comprehensive solution for collecting weather data, thereby providing useful information for environmental experts and area managers. The research method combines both theory and experimentation to ensure the accuracy and efficiency of the system. The expected result is a flexible and easily deployable IoT solution, contributing to raising awareness about climate change and supporting environmental management decisions.

Keywords: Internet of Things (IoT), data collection, environmental monitoring, temperature, humidity