

Building a test system for rain and flood warning integrated with IoT technology.

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Abstract: This topic focuses on building and deploying a rain and flood warning system based on Internet of Things (IoT) technology to address the issue of safety for lives and property. The objective of the research is to develop an effective model for collecting weather data from IoT sensors and analyzing this data to provide timely warnings. By applying an experimental method combined with theory, the topic aims to provide a comprehensive solution for areas vulnerable to rain and floods. The expected results of the research will contribute significantly to the field of disaster management and support decision-making in emergency situations.

Keywords: IoT, flood warning, IoT system, disaster management, sensor