

## Early Flood Detection and Avoidance System

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### Abstract

Flood is unavoidable natural disaster, causing heavy flow of traffic and can also cause severe damage to properties and lives. Early flood detection and avoidance is an intelligent system which keeps close watch over various natural factors to predict a flood, so we can embrace ourselves for caution to minimize the damage caused by the flood. Main objective is to provide information on current water level in the particular area, such as river and drain. When, the water level increases beyond water level, using different sensors at different fields can detect water level and water flow at different sources can avoid flood in the areas near water bodies and then system sends alert notification to the citizens.

**Keywords:** Flood detection, Flood notification, IoT, Sensors.

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