

Building a monitoring application for flood points in the city

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Abstract: In the context of increasing flooding issues due to climate change, this topic focuses on building an application to effectively monitor and manage flood points in the city. Through theoretical research combined with experimentation, the goal is to develop a system capable of forecasting, early warning, and decision support in flood management. The expected outcomes of this topic not only contribute to improving the quality of life for residents but also promote the sustainable development of the city.

Keywords: Flooding, Smart City, Weather Forecasting, Data Management, GIS Technology