

Building a GIS website on dust pollution levels in Thai Nguyen city

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Abstract: This topic focuses on building a GIS website to analyze and display information about dust pollution levels in Thai Nguyen city. The context for selecting this topic is based on the need for effective environmental management and support for local policy decisions. The objective is to develop an automatic monitoring system to track, collect, and present air quality data. The research methodology includes synthesizing information from reference sources and conducting GIS analysis based on environmental sensor data. The expected outcome of the project is to provide a useful tool for local authorities in managing and reducing dust pollution, while also raising community awareness about air quality.

Keywords: GIS, Dust pollution level, Thai Nguyen City, Environmental management, Sensor data