

Building a geographic information system for mineral resource management in Thai Nguyen province using GIS.

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Abstract: This topic aims to research and develop a Geographic Information System (GIS) for mineral management in Thai Nguyen province. Based on an analysis of the current status of existing mineral reserves, the main objective of the topic is to build and deploy an effective GIS system to support planning, monitoring, and sustainable management of geological resources. Through a combination of theoretical research and experimentation, the topic hopes to contribute to improving local mineral management capacity and minimizing negative environmental impacts. The expected results of the topic will bring significant practical value in terms of application for the management and rational use of mineral resources.

Keywords: Geographic Information System, GIS, Mineral Management, Thai Nguyen, Practical Research