

Application of GIS to build an information system to support the management of universities in the northern region.

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Abstract: In the context of the increasingly developing information technology, the application of Geographic Information Systems (GIS) to enhance the management efficiency of universities in the Northern region has become urgent. This topic focuses on the goal of building an effective management support information system based on the GIS platform. The research method includes synthesizing and analyzing existing data along with experimental implementation to identify the requirements and applicability of GIS in this field. The expected results will significantly contribute to improving management quality, while also providing a foundation for further research on the application of information technology in education.

Keywords: GIS, Information System, University Management, Geographic Information Technology, Northern Region