

Application of GIS technology to build software for managing tourist attractions in Thai Nguyen province

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Abstract: In the context of the vibrant tourism development of Thai Nguyen province, applying GIS technology to build effective management software for tourist destinations is necessary to improve service quality and enhance visitor attraction. The objective of this study is to develop a geographic information system (GIS) integrated with tourism management functions, thereby solving the problem of organizing tourism information comprehensively. The approach is based on a combination of theoretical and experimental research to create a product suitable for the specific requirements of Thai Nguyen province. The expected result is to build an effective tourism management system, contributing to the promotion of the local tourism industry.

Keywords: GIS, tourism management, Thai Nguyen, information technology