

Application of WebGIS technology to build a guest management program in Thai Nguyen city

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Abstract: This topic aims to apply WebGIS technology to build an effective guest management system in Thai Nguyen city. The context of the topic is based on the need to manage and analyze guest information quickly and accurately, meeting the requirements of sustainable tourism development. The objective of the research is to build a WebGIS system to provide a platform for monitoring, controlling, and supporting decision-making in the management of hotels and guesthouses in the city. The research method applies a combined approach between GIS theory and experimental application deployment. The expected results will make an important contribution to tourism management as well as the development of the city's digital infrastructure.

Keywords: WebGIS, guest management, Thai Nguyen City, GIS, sustainable tourism