

Application Of Geographic Information System to Phranakhon Si Ayutthaya Province Local Wisdom Database Management

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KEY WORD: Geographic Information System, Database Management, Local wisdom, Global Positioning System, Art and craft

ABSTRACT

The goal of the research is to explore local wisdom and create Phranakhon Si Ayutthaya tourism database by using Geographic Information System (GIS) to compose travel maps for local wisdom-based Phranakhon Si Ayutthaya tourism promotion.

Citing Phranakhon Si Ayutthaya cultural and local wisdom data, Phranakhon Si Ayutthaya Rajabhat University already has the local wisdom database of this province. The leverage of such database is to promote local wisdom among the public and reach to interested people to a greater degree. A local wisdom database with GIS-based data analysis is to be created so communities can have local wisdom tourist maps available for further study.

The research will be approached by using applied GIS programs and Global Positioning System (GPS) to observe the locations where local art and craft wisdom have been passed on from forefathers and create travel maps.

The observation results show there are 21 local art and craft wisdom places in 15 districts in Phranakhon Si Ayutthaya province. The travel maps are available in the provincial overview, district-based and transportation-based ones to meet various demands of people interested. The result shows the tourism maps the all target group can be acknowledging about local wisdom tourism map.