

Abstract

Project ID : SURDI นวท./2559/07

Project title : Development of Historic Tourism Routes Applying
Information and Communication Technology

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Duration 1 Year (9 March 2017 – 9 March 2018)

This research aims to: 1) assess and select important historical attractions in Muaeng Phetchaburi district in Phetchaburi Province that can be developed as a tourist attraction; 2) develop geographic information system for supporting historical tourism activities; and 3) develop geographic information system to build model for historical tourism routes. By classifying tourist information to groups and assessing quality standard for historical sites; the research found out that there were 7 historical sites in Phetchaburi province that are of an excellent quality, 4 of those were in a very good quality, 5 were in a medium quality and 6 of them were in a low quality. The finding from the assessment can be used as a guideline for designing an information system which can be categorized into 4 groups: information systems, knowledge management, social media and the notifications group which can support historical tourism activities and create historical travel routes for 4 areas consisting descriptive section management, image section management, mapping management and distance calculations and historical travel routes.

Keywords: Geographic Information System, Tourism, Amphoe Muaeng Phetchaburi, historical tourism attractions.