

Thesis Title GIS Development for Analyzing Appraised Values of
Real Estate in Chiangmai Municipal Area

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ABSTRACT

This study presents the development of Geographic Information System (GIS) for real estate appraisals. The descriptive data of real estate information and their associated spatial features were collected and transferred into the GIS-based environment. Such spatial and attribute data sets are called GIS database, which can then be manipulated and analyzed for appraised values of real estates. Chiang Mai municipality, the largest and most economically and culturally significant city in northern Thailand, were chosen for assessing the GIS capabilities. The approach of using GIS-based real estate appraisals shows the appraised values close to those obtained by market comparison approach. Such a computer-assisted approach is of practical worth to aid valuers for asset assessments without ground truth

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