

Geographic information system & spatial analyses in real estate

Synopsis:

The advent of Geographic Information Systems (GIS) now widely available on various computer-based platforms has benefitted numerous fields of discipline, including real estate. Known for its versatility as an integrated system consisting of various functions, GIS is particularly appreciated for its spatial analysis capabilities. As such, GIS is of particular importance to real estate analyses. Inherently spatial, various real estate problems can be more easily dealt with by desynthesising their very essence of concept with respect to location. In this context, GIS provides all the capabilities to capture, store, retrieve, manipulate, analyse, and display geographic data associated with real estate phenomena.

This book is written to provide readers with some examples of such phenomena with which GIS can be used to give some of the answers needed. It demonstrates the use of GIS in dealing with a myriad of location analyses in real estate using mainly local examples in Malaysia, with particular interest in analyses related to urban parking space, market segmentation, site suitability, house price, valuation and appraisal.