

UNIVERSITI TEKNOLOGI MARA

**INVESTIGATION AND ANALYSIS
OF CRIME CASES IN SUBANG JAYA
DISTRICT BY USING GEOGRAPHIC
INFORMATION SYSTEM (GIS)
APPROACH**

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Disertation submitted in partial fulfillment
of the requirements for the degree of
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(Hons)**

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AUTHOR'S DECLARATION

I declare that the work in this thesis/disertation was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the results of my own work, unless otherwise indicated or acknowledged as referenced work. This thesis has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and Regulations for Post Graduate, Universiti Teknologi MARA, regulating the conduct of my study and research.

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ABSTRACT

Land use planning plays a crucial role in creating a balance between the needs of society, physical development and the ecosystem. However, most often poor planning and displacement of land uses particularly in urban areas contribute to social ills such as criminal activities. This research explains the spatial relationship of criminal activities on urbanization planning and their implications on the society at large. Spatial statistics was used to show patterns, trends and spatial relationships of crimes and land use planning. Data on crime incidents were obtained from the Royal Malaysia Police Department.

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