



**UNIVERSITI TEKNOLOGI MARA**

**AN IMPACT OF TOURISM DEVELOPMENT ON  
SOCIO-ECONOMIC STATUS TOWARD  
LOCAL COMMUNITY AT KAMPUNG  
SEBERANG RAMAI, PERLIS**

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Thesis submitted in fulfilment of requirements for the degree of  
**Bachelor of Surveying Science and Geomatics (Hons)**

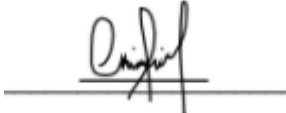
**Faculty of Architecture, Planning and Surveying**

**February 2022**

## **AUTHOR'S DECLARATION**

I declare that the work in this thesis/dissertation 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.

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## ABSTRACT

Tourism development activities like coastal development, construction and mangrove deforestation not only has a positive impact on the local economy. However, also adversely affects changes in education, income, social participation, and infrastructure. Therefore, the aim of this study is to determine the impact of tourism development on social and economic elements toward residents at Kampung Seberang Ramai, Perlis. The objective of this study is (i) to examine socioeconomic status toward local community at Kampung Seberang Ramai using questionnaire approach, (ii) to determine LULC due to tourism development in years 2004 and 2020 using google earth, and (iii) to validate the accuracy land use land cover and socio-economic status of Kampung Seberang Ramai. The questionnaires were answered by 260 respondents through google form and hand to hand answers. Then, socioeconomic data been analyze using Kolmogorov-Smirnov, Wilcoxon, Kruskal-Wallis, and Mann-Whitney U test using SPSS software. Next, digitizing process for image in year 2004 and 2020 from Google Earth Pro using ArcGIS software. The result reveals there are significant different in age, education level and income changes among residents. However, the result also show not significant different in gender, race, household and occupation change among resident at Kampung Seberang Ramai. The most significant changes in land use are built-up area was increased by 3.8 hectares including houses and shops which is from 659 buildings to 1,156 buildings from 2004 to 2020. The output of this study is beneficial for planning and making strategies to improve resident's lifestyle, health, income, and future planning development at Kampung Seberang Ramai.

**Keywords:** Non-parametric analysis, Census, Resident's perceptions, landuse/landcover, Geographic Information System (GIS).

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