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# FACTORS CONTRIBUTING TO VACANT AND IDLE HOUSES PHENOMENON IN RURAL AREA FROM THE VILLAGE HEADS' PERSPECTIVE. CASE STUDY: SERI MENANTI, KUALA PILAH

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### Abstract:

Rapid urbanization process has had an impact on the rural population thus to its settlements. Rural depopulation and idle houses are among the effects that occur; disrupting the sustainability of rural settlements. If this situation continues, it will eventually lead to 'hollow village' phenomenon as happened for example in China and Japan. Previous studies conducted in other countries found that this phenomenon was due to the migration of people from rural to urban areas in their search for opportunities as well as for better housings offered in urban areas. However, very little understanding has been offered by the current literature about the vacant and idle houses phenomenon in Malaysia. Therefore, this paper intends to examine the factors that have led to this phenomenon, based on the observation and the knowledge of the village heads in Seri Menanti, District of Kuala Pilah, Negeri Sembilan. Interviews were conducted with 12 village heads selected from the case study area and the collected data were then analysed using descriptive and thematic methods. This study found that there are five major causes that contributing to the emergence of vacant and idle houses in the case study area namely: the economic factors particularly due to the various attractions of the urban areas; social factors such as deaths of both parents; and youth migration; policy factor particularly due to restrictions imposed by the authorities; lack of basic facilities – especially technology and infrastructure; and environment factor that refers to lifestyle. Each factor has its own characteristics that describe the factors themselves. Thus, further study is necessary to improve the solutions of rural decline and to suggest viable recommendations so that vacant and idle houses can be transformed into beneficial solutions towards meeting the current needs of the population.



**Keywords:** 

Factor, Vacant, Idle, House, Village Head

### Introduction

Rural-urban migration flows are a global issue that affects people all over the world, reshaping cultures of different intensities and shapes based on local conditions. The key drivers of this migration are the pursuit of economic growth, which is fueled by a broader variety of job opportunities in urban areas, as well as significantly higher revenues (Semprebon *et al.*, 2019). The inadequacy of rural housing, combined with insufficient and declining rural facilities (Dunn *et al.*, 1981), resulted in a major drive towards emigration, while the perceived attractions of the cities exerted a strong pull (Weekley *et al.*, 1988). In other words, rural-urban migration is emphasized as a continuous process that occurs at various levels of complexity in most countries (Akin L. Mabogunje, 1970).

Rural decline is an inevitable phenomenon as human society transforms from agriculture to urban-industrial and knowledge-based economies (Li *et al.*, 2019). Today, rural decline is an undisputed reality and has become a worldwide concern as the world continues to encourage urbanization and industrial growth (Liu and Li, 2017). Countries like the United States (UK), Canada, Sweden, Australia, China and Japan have either experienced rural decline (Markey *et al.*, 2008; Wood, 2008; Luck *et al.*, 2011; Hedlund and Lundholm, 2015; Li *et al.*, 2018). Rural decline in physically refers to the neglect and vacancy houses, both which can lead damage and will resulted the emergence of rural hollowing phenomenon commonly found in rapidly industrializing countries all over the word (Gracia and Ayuga, 2007; White et al., 2009).

So, this research is aimed at discovering the factors that are closely related to the emergence of vacant and idle houses in Malaysia, before this situation becoming more serious and will resulted the emergence of rural hollowing phenomenon like other countries; that commonly is much more pronounced and widespread in China than elsewhere. This research was conducted by the authors in District of Kuala Pilah, Negeri Sembilan. Based on the results of a preliminary study, Seri Menanti is one of the areas where the phenomenon of vacant and idle houses can be found. This selection was taken based on a snowball sampling interview to the right person in control of this phenomenon. As a result of this, 12-village heads<sup>1</sup> were interviewed to learn about their perspectives on how the issue of vacant and idle houses arises in their villages.

# **Vacant And Idle House**

In each country, the definition and investigative scope of vacant and idle houses vary and the results indicate their standard of use.

Based on Gu and Asami (2016), vacant houses are residential houses without residences, including rental houses, sale houses, second dwellings, and others like abandoned houses. Nam *et al.*, (2016) have also pointed that Korean law defines, vacant house as having empty since its residents moved to another region, and the house subsequently not being used for an extended period of time. Meanwhile, Rutherford and Springer (2005) found that a vacancy can be defined as a house where the owner who intends to sell the house or the investor who owns the house without a tenant has moved.

<sup>&</sup>lt;sup>1</sup> The term use in this paper of 'village heads' were reflected to the MPKK (Majlis Pengurusan Komuniti Kampung) of each Kampung Induk. Copyright © GLOBAL ACADEMIC EXCELLENCE (M) SDN BHD - All rights reserved



Crowe and Engagers (2019) also describe vacant as unused for the purposes for which it is held; considered as suitable for development; must have had previous development or preparatory work in anticipation of potential development; situated within the context of a settlement as specified by the local authority. Zulkifli (2011) stated in a study conducted in the United Kingdom, a house is considered vacant when the house has been uninhabited for a period of six months and more. In the US, the United States Census Bureau (1993) defines vacant house as a unit of house that has no inhabitants at the time of the study unless its occupants are at home for a short and temporary period of time. The Bureau also suggests that vacant homes may often consist of homes owned by individuals who have more than one home where the homeowner prefers to reside in another home.

According to Liu *et al.*, (2010), the house is left empty by the occupants when they are offered to serve in urban areas for a long time. Thus, there are two vacant housing situations (Li, 2014):

- (i) The acquisition of agricultural land in rural areas caused the villagers to lose land, so they decided to migrate which eventually increased the vacant houses in the village;
- (ii) The villagers who have good economic condition build new houses in the vicinity causing the old houses to be abandoned and increase the vacancy.

In conclusion, a clear definition that can be used in translating a vacant house in this article is a unit of the house that is no longer inhabited for a certain period of time; and the vacancy rate determines the number of vacant and unsold houses out of the total number of houses. The house can be considered vacant either because the owner of the house has another residence or the house is in the process of sale or rental.

In addition of being called "vacant", they may be labelled with such negative terms as "abandoned", "blighted", "derelict" or "idle" (Cohen, 2001; Eisenberg, 2018; Loures and Vaz, 2018; Zhang, 2018; Abdullah *et al.*, 2019; Liu *et al.*, 2020). Strictly speaking, however for whatever reason a vacant property implies any property that is not currently occupied. Thus, it is important to distinguish between all vacant properties and those that are a problem. Problematic properties are often referred to as "abandoned" or "idle", meaning that the owners have left and allowed them to fall into disrepair (Li, 2014; Eisenberg, 2018). If an owner is not maintaining her property but continues to pay taxes on it, is it truly abandoned? Some property laws might consider it such, but not all. More specifically, abandonment may take two forms: literal abandonment, where the owner might be present nominally, but has ceased to maintain the property and has allowed it to deteriorate or become a hazard (Li, 2014).

The term "idle building" connotes an image of a building that is unoccupied and in a state of grave disrepair, perhaps boarded up, strewn with trash, and scrawled with graffiti. The vacancy of a residential house refers to the condition of the unoccupied house, while the neglect of the house when maintenance activities are not carried out on the house either periodically or daily. Neglecting the physical condition of this house will make the house unsafe to live in again. **Figure 1** shows the best indicator of the vacant and idle houses definition.



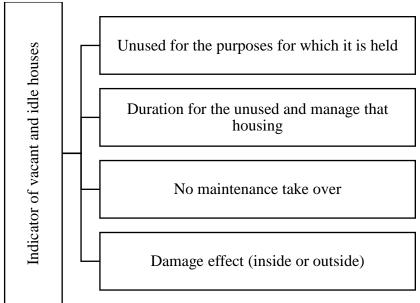


Figure 1: Indicator of Vacant and Idle Houses

Figure above shows the relation between each indicator in order to classify the right definition for the phenomenon of vacant and idle house. The level of damage will be mentioned in the next sub-topic as in Figure 2.

# Level of Damage

Outward migration of the rural population has resulted in many vacant/abandoned houses. Although vacant and idle houses are symptomatic of other problems, they also contribute to neighborhood decline and frustrate revitalization. Also, the physical conditions of destruction will give an impact on environmental pollution. According to Liu *et al.*, (2010), the level of damage ranging from slight, moderate to severe. Figure 2 indicates the level of damage houses.

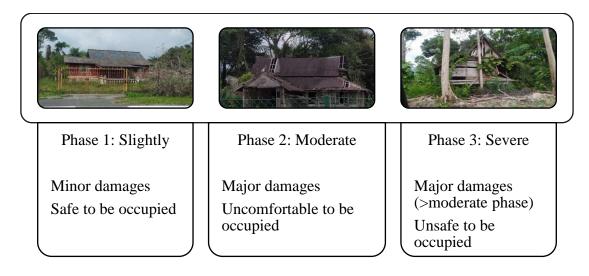


Figure 2: Level of Damage Houses<sup>2</sup>

Source: (PLANMalaysia, 2016)

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<sup>&</sup>lt;sup>2</sup> The picture taken during preliminary survey (study area).

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The level of damages that have been classified by PLANMalaysia (2016), shows that the vacant and idle houses differ by their physical condition and based on vacancy period, as well as on how long they have not been maintained.

# Theoretical Background of Pull & Push Factor in Rural and Urban Area

Recently, the emergence of vacant and idle houses phenomenon was one of the challengers to continuing rural population with significant changes in demographic structures, employment opportunities, community organization, lifestyles and standards of living, accessibility and rural culture (Mukherjee and Zhang, 2007; Goodman, 2008; Long *et al.*, 2010). Many of the vacant and idle houses in rural areas comes from cases of rural-urban migration due to urbanization process. These may include the owner who died or moved to better area especially to urban area. Basically, depopulation refers to very closely related to the outflow of rural individuals to urban areas especially young people who want to find better job opportunities in urban areas (Muilu and Rusanen, 2003; Amcoff and Westholm, 2007; Luck *et al.*, 2011; Afroditi Manakou, 2018).

However, based on the System Theory, there are two forces that give meaning to every decision made whether to stay or migrate (Akin L. Mabogunje, 1970). Due to poor living conditions and few job opportunities in rural areas, a vast number of farmers, especially young ones, make their living in big cities. At the end, this situation has contributed to the emergence of rural hollowing phenomenon (Liu *et al.*, 2010; Sun *et al.*, 2011; Li, 2014; Thorbeck *et al.*, 2014; Eisenberg, 2018).

# Methodology

The study was conducted in the State of Negeri Sembilan using the qualitative phenomenological approach to address the issues raised in the study. According to Creswell (2013), qualitative methods can help researchers to obtain more accurate data, and help researchers to understand a phenomenon that occur in real context.

The research paradigm method was exploratory which is this research want to investigate the phenomena happen in rural area and to identify/discover important variables (which means the factor of emergence vacant and idle houses). The research questions in this article are list as below:

- (i) What is happening in rural houses?
- (ii) What are the salient themes or categories of the emergence vacant and idle houses factor, from village head's perspective?
- (iii) How are these categories (factors) linked with one another?

Thus, an exploratory research design was adopted in this research. Therefore, in-depth interviews have been done with 12 village heads regarding their powers in monitoring to combat rural areas. Data collected was analysed using the descriptive and thematic research method.

The case study has taken place in Mukim Seri Menanti, District Kuala Pilah, Negeri Sembilan, Malaysia (Figure 3). Negeri Sembilan is a state in Malaysia situated in the central region of Peninsular Malaysia with an area of 665 374.77 hectares.



Figure 3: Study Area in Selected Mukim Seri Menanti, District of Kuala Pilah

Seri Menanti is a town, a mukim and a state assembly constituency in Kuala Pilah District in central Negeri Sembilan, Malaysia.

# A Selection Of Informants

Our research is aimed at discovering the factors that are closely related to the vacant and idle houses. Data collected in this study consists of primary data acquired from interviews, and observations. To identify potential informants, a preliminary survey was done. A snow ball sampling was done by clustering the areas. The following procedure was used to select the clusters of informants:

- (i) A preliminary survey found that there were two clusters in the case study area. There were traditional village and aboriginal village. From this arrangement, traditional village clusters of Kuala Pilah District were selected;
- (ii) From the preliminary survey, it is shown that, Seri Menanti is experiencing vacant and idle houses phenomenon. This selection was based on the interview through snow ball sampling to get the right person in charge of this situation;
- (iii) From this result, 12-village heads identified to be interviewed, to know their perception on how the emergence of vacant and idle houses phenomenon happen in their village.

The researcher explores a few general topics to help uncover the participant's meaning perspective, but otherwise respects how the participant frames and structures the responses. This, in fact is an assumption fundamental to qualitative research – the participant's perspective on the phenomenon of interest should unfold as the participant views it, not as the researcher views it.

Analysis was based largely on the perceptions of the 12-village heads in Seri Menanti; involving 12 villages namely Kampung Bukit Perah, Kampung Gamin, Kampung Tengah,



Kampung Tengah Ulu, Kampung Seri Menanti, Kampung Buyau/Tanah Datar, Kampung Merual, Kampung Pulau, Kampung Mertang, Kampung Sikai, Kampung Gunong Pasir and Kampung Tanjung Ipoh.

# **Result and Discussion**

The interview was patterned to facilitate data collection and capture the views of different village heads. Data collected was analyzed using the descriptive (Table 1) and thematic (Table 2) research method.

Table 1 shows the number of houses occupied in 2017 and 2019 at the respective villages as data obtained from KEMAS and village heads during the preliminary study.

Table 1: Number of Houses at 12 villages in 2017 and 2019

Table 1: Number of Houses at 12 villages in 20	Number of Houses	
	Occupied	
	2017	2019
Kampung Bukit Perah	159 units	125 units
Kampung Sawah Liat, Kampung Bukit Perah Ulu, Kampung		
Bukit Perah Hilir, Kampung Perigi Jernih, Kampung Bukit		
Perah Seberang		
Kampung Gamin	208 units	84 units
Kampung Gamin, Kampung Gamin Tengah, Kampung Gamin		
Ulu, Kampung Gamin Hilir, Kampung Gamin Solok	101	10.5
Kampung Tengah	106 units	106 units
Kampung Tengah, Kampung Kubang Gajah, Kampung Pulau,		
Kampung Panglang Hilir	100	
Kampung Tengah Ulu	103 units	*not update
Kampung Tengah Ulu, Kampung Ampang Batu, Kampung		
Palang	• • • •	1.12
Kampung Seri Menanti	260 units	142 units
Kampung Juar, Kampung Seri Menanti, Kampung Baru Seri		
Menanti, Kampung Bukit, Kampung Tanjung Bacang, Kg		
Tanjung Beringin,	011	ale i di
Kampung Buyau	311 units	*not update
Kampung Buyau Kanan, Kampung Buyau Kiri, Kampung		
Bukit Tempurung, Kampung Tanah Datar, Kampung Masjid		
Terbakar, Kampung Buyau, Kampung Batu Hampar	74 :	7.4
Kampung Merual	74 units	74 units
Kampung Merual, Kampung Sungai Layang, Kampung Umor,		
Kampung Padang Biawas	26 :	40 '4
Kampung Pulau  Vangang Pulau Vangang Pulait Lintaga Vangang Tanjang	36 units	48 units
Kampung Pulau, Kampung Bukit Lintang, Kampung Tanjung		
Sepam, Kampung Lereng, Kampung Galau	201 :	40 '4
Kampung Mertang	201 units	48 units
Kampung Mertang, Kampung Mertang Seberang, Kampung		
Lereng, Kampung Tanjung Galau	02	25 yeita
Kampung Sikai  Vampung Sikai Vampung Tanjung Limau Vampung Sungai	92 units	35 units
Kampung Sikai, Kampung Tanjung Limau, Kampung Sungai		

Lepok		
Kampung Gunong Pasir	250 units	110 units
Kampung Gunong Pasir, Kg Simpai, Kg Paya Kumbah, Kg		
Tanjung Juan, Kg Kubur, Kg Seri Lemak, Kg Bukit, Kg		
Sekolah		
Kampung Tanjung Ipoh	170 units	*not update
Kampung Tanjung Ipoh, Kampung Ampang Serong, Kampung		
Gementir Hilir		

Table 1 shows that most of the total number of occupied houses are decreasing due to increasing number of vacant houses.

Next, the head of villagers who were interviewed (to answer the factor of the emergence vacant and idle houses) identified five factors that have caused the increase of vacant housing in Seri Menanti (Table 2).

**Table 2: Factor That Led to The Emergence of Vacant and Idle Houses** 

Fa	ctore
ra	ctors

### 1. Economic Factor

- Low incomes
- Less job opportunities
- Low living standard
- Only small-scale manufacturing

## 2. Social Factor

- Youth migration
  - Received an offer to further studies
  - Job conditions
- Deaths of both parents
- Customary land

# 3. Policy Factor

- Customary Tenure Enactment (Customary land law in Adat Perpatih)
  - Limited landowner power
  - Restrictions on the importance of property rights only to women
  - Encourage the younger generation especially men to travel

# 4. Technology & Infrastructure Factor

- Low accessibility
- Inadequate access
- Lack of basic facilities
- Lack of social facilities
- Lack of public facilities

# 5. Environment Factor

- Lifestyle
- Land not economic to develop
- Natural disaster

The push factor from rural area itself, will result to migration of rural people to urban area. The low incomes, lack of job opportunities (whereby, there are only small-scale manufacturing industries in the rural areas) and low living standard, are the reason why they migrate especially for young generation, while the old one remains in the rural area. Other than that, most of the young generation will migrate to urban area, when they get offer to further their studies or get a better job offer in the cities. Apart from that, Customary Tenure Enactment (Customary Land Law in Adat Perpatih), also one of the factors, whereby it was said to have given the landowner power limited only to women. Having less power on land ownership thus encourages men to move to urban areas. For the technology and infrastructure factor, the lacking of facilities like public, social, and also basic facilities are also the reason why they choose to migrate to the urban area, which is offers much enough facilities. Next for the last factors of environment itself being a push factor from rural area; like the lifestyle.

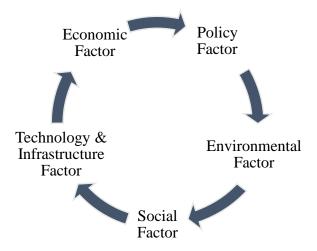


Figure 4: Main Factors of the Emergence of Vacant and Idle Houses Phenomenon

The five factors shown in Figure 4 were identified to be the main factors that contributing to the emergence of vacant and idle houses phenomenon, based on the perspective of the interviewed village heads. It also shows that, is the factors were connected to one another, and will give a big negative or positive impact to that area, depends on how each factor contributes negatively and positively to the development.

### **Conclusion**

This paper has investigated the factors of vacant and idle houses emergence and attempted to provide some answers to the question of why some rural areas decline. Actually, each of these factors that have been discussed in this paper, depends on the study area that had been chosen. Each factor has its own characteristics that describe the factors themselves. Thus, further study is necessary to improve the solutions of rural decline and to suggest viable recommendations so that vacant and idle houses can be transformed into beneficial solutions towards meeting the current needs of the population. As a conclusion, the five factors discussed in this paper reflect the country that seems to face the rural hollowing issues like China if left unsolved.

### References

- Abdullah, N., Zainudin, A. Z. and Idris, N. H. (2019). Review on manifestations of rural hollowing. *International Journal of Engineering and Advanced Technology*. Blue Eyes Intelligence Engineering and Sciences Publication, 8(5), 480–485.
- Afroditi Manakou (2018). The phenomenon of rural depopulation in the Swedish landscape. Karlskrona Sweden.
- Akin L. Mabogunje (1970). Systems Approach to a Theory of Rural-Urban Migration.
- Amcoff, J. and Westholm, E. (2007). Understanding rural change-demography as a key to the future. *Futures*, 39(4), 363–379.
- Cohen, J. R. (2001). Abandoned housing: Exploring lessons from Baltimore. *Housing Policy Debate*, 12(3), 415–448.
- Cresswell, J.W. (2013). Research Design Qualitative, Quantitative, and Mixed Methods Approaches. 4th Edition, SAGE Publications, Inc., London.
- Crowe, P. and Engagers, S. (2019). How data on vacancy is created and used: Case studies from Scotland, Denmark and Philadelphia.
- Dunn M, Rawson M and Rogers A (1981). Rural Housing: Competition and Choice (George Allen and Unwin, London)
- Eisenberg, A. M. (2018). Rural Blight', Haedvard Law & Policy Review, 13, 188–239.
- Goodman, D.S.G., (2008). China's Regional Development.
- Gracia A.I., Ayuga F., (2007). Reuse of abandoned buildings and the rural landscape: The situation in Spain. *Transactions of the ASABE*, 50(4), 1383-1394.
- Gu, J. and Asami, Y. (2016). Vacant Houses, Duration for Search and Optimal Vacancy Rate in the Rental Housing Market in Tokyo 23 Wards: Based on Landlords' Optimal Search Model. *Urban and Regional Planning Review*, 3, 31–49.
- Hedlund, M., Lundholm, E. (2015). Restructuring of rural Sweden employment trasition and out-migration of three cohorts born 1945-1980. *Journal Rural Studies*, 42, 123-132.
- Li, S. (2014). The Renewal of Hollow Village, Master of Science Programme in Spatial Planning with an Emphasis on Urban Design in China and Europe, Blekinge Institute of Technology (BTH).
- Li, Y., Westlund, H. and Liu, Y. (2019). Why some rural areas decline while some others not: An overview of rural evolution in the world. *Journal of Rural Studies*. Elsevier, 68(February), 135–143.
- Liu, Y. and Li, Y. (2017). Revitalize the world's countryside. *Nature*, 548, 275–277.
- Liu, Y., Zang, Y. and Yang, Y. (2020). China's rural revitalization and development: Theory, technology and management. *Journal of Geographical Sciences*, 30(12), 1923–1942.
- Liu, Yansui, Liu, Yu, Chen, Y. and Long, H. (2010). The Process and Driving Forces of Rural Hollowing in China Under Rapid Urbanization. *Journal of Geographical Sciences*, 20(6), 876–888.
- Loures, L. and Vaz, E. (2018). Exploring expert perception towards brownfield redevelopment benefits according to their typology. *Habitat International*, 72, 66–76.
- Luck, Gary W., Black, Rosemary, Race, Digby (2011). Demographic change in rural Australia: future opportunities and challenges, 375-384.
- Markey, S., Halseth, G. and Manson, D. (2008). Challenging the inevitability of rural decline: Advancing the policy of place in northern British Columbia. *Journal of Rural Studies*, 24(4), 409–421.
- Muilu, T. and Rusanen, J. (2003). Rural young people in regional development-the case of Finland in 1970-2000. *Journal of Rural Studies*, 19(3), 295–307.



- Nam, J., Han, J. and Lee, C. (2016). Factors contributing to residential vacancy and some approaches to management in Gyeonggi Province, Korea. *Sustainability*, 8, 1–22.
- PLANMalaysia (Jabatan Perancangan Bandar dan Desa) Kementerian Kesejahteraan Bandar, P. dan K. T. (2016) Dasar Perancangan Fizikal Desa Negara 2030.
- Semprebon, G., Marinelli, M. and Valente, I. (2019). Towards Design Strategies for Requalifying the Rural: A Comparative Study of Hollow Settlements in China and Italy, in *XJTLU International Conference: Architecture across Boundaries, KnE Social Sciences*, 195–208.
- Sun, H., Liu, Y. and Xu, K. (2011). Hollow Villages and Rural Restructuring in Major Rural Regions of China: A Case Study of Yucheng City, Shandong Province. *Chinese Geographical Science*, 21(3), 354–363.
- Thorbeck, D., Isalou, A. A. and Bayat, M. (2014). Rural Growth and Decay: Analysis of Physical-Spatial Transformation of Rural Area in Iran. *International Journal of Architecture and Urban Development*. 4(1), 25–32.
- Weekley, I., Division, G., Polytechnic, T. and Ng, N. (1988). Rural depopulation and counterurbanisation: a paradox. *Area*, 20(2), 127–134.
- Wood, R. E. (2008). Survival of Rural America: Small Victories and Bitter Harvests. *The Annals of Iowa*, 68(1), 93–94.
- Zhang, R. (2018). The Problems and Measures Existed in the Hollow Village Improvement. *IOP Conference Series: Earth and Environmental Science*, 170(2).
- Zulkifli, A. S. (2011). Persepsi Penduduk Terhadap Imej Negatif Kawasan Kejiranan dan Rumah Kosong Kawasan Kajian: Taman Sri Skudai, Johor, Tesis Ijazah Sarjana Muda Perancangan Bandar dan Wilayah, Fakulti Alam Bina, Universiti Teknologi Malaysia.