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To cite this article: Mohd Jaki Mamat and Muhammad Firzan Abdul Aziz 2018 IOP Conf. Ser.: Mater. Sci. Eng. 401 012007

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# **Relationships of Early British Amenities with the Formation of Small Towns in Perak**

#### Mohd Jaki Mamat<sup>1</sup>, Muhammad Firzan Abdul Aziz<sup>2</sup>

Senior Lecturer, School of Housing Building and Planning, Universiti Sains Malaysia, Penang, Malaysia<sup>1,2</sup>

E-mail: mohdjaki@usm.my<sup>1</sup>, nazrif87@gmail.com<sup>2</sup>

Abstract. The British was influential in shaping the early urban and town planning of Malaysia. In this regard, several types of amenities in the likes of police station, post-office, administrative building, religious building, educational institution and many more were built during the mid 19th Century until the post-independence era. This study objectively focuses on identifying early amenities built by the British, understanding their relationships with early towns' socioeconomic activities as well as seeking the factors which had cause the arising needs of such amenities. Data were acquired through the means of seminal documents and historical manuscripts as well as interviews, using case studies of 14 early small towns in Perak. The current study found that the British prioritised on providing security-based amenities for the early towns that they have economic interests on. On the other facet, the British also emphasised on communication and accessibility aspects for the early towns located in distance from the main cities in Perak, which socioeconomic activities were based on agricutural industry.

Keywords; amenities, first British built, early small towns.

#### 1. Introduction

One of the factors in urban planning as affirmed theoretically is on the provision of amenities (Ibrahim 2009). Being considered as an important criteria for any township development, amenities are regarded essential be on the aspects of economic expansion, population increment or physical enhancement (Mitra 2015; MacLachlan, 2015; Garretsen, 2017). Their presence signifies a township's significance (Powe, 2012) and is indicative on the township's density level and future potential (Bantjes, 2011). Provision of public amenities nowadays is focused on creating a better and quality lifestyle- as seen through the creation of public parks, sports and recreational areas, cultural enclaves and events, as well as, shopping and entertainment centres (Perloff, 1966; Kloosterman 2014; Garretsen, 2017).

Studies on early amenities in Malaysia are necessary to promote a better understanding on the significance of the country's early townships. As proven historically, the British's arrival in Malaya (Malaysia) Has caused certain transformations in the local town planning system. This scenario is especially apparent in Perak, which was the very first state in the Malay Peninsula intervened by the British in 1874 (post-signing of the Pangkor Treaty). Hence, scrutinising the remaining amenities built during the British era may lead us to the revelation on the significance of the early townships, besides fostering our understanding on their early socioeconomic activities and scenarios.

This paper focuses on early amenities built by the British in 14 out of 22 small townships available in Perak, selected based on their varying economical backgrounds. Qualitative data were gathered through compiling and analysing old manuscripts and historical documents, which later were validated by interviews conducted with the locals.

## 2. Literature Review

Development of small townships in the past were catalysed by the expansion of early settlements (Wang, 2010). These early settlements were formerly based on agricultural industry (Choguill, 1989) and later transformed into local economic centres (Powe, 2012). Implying from that, public amenities were then equipped by former authoritities to such places to cater their socioeconomic activities and needs (Choguill, 1989). Apart from supporting the agricultural industry, public amenities were also built to cater community needs through the provision of post office, day market, assembly hall etc. (Mayer, 2010). In turn, such places inreased in significance and became the centre of attention for both locals and outsiders (Yamu, 2015).

Prior to the British era, the royal authorities were the influential parties in shaping the early townships and traditional settlements. During this period, they were in direct control of constructing public buildings which mostly concerned with the aspects of defence and security of the royal palaces. Mosque buildings were highly significant as a public amenity at that time. Apart from their primary function as a place to perform Islamic congregational prayers, mosques were multi-functioning as educational centre as well as for ceremonial and gathering place (Harun, 2012). Only after the British's arrival, public amenities were provided to commensurate their interests which further cater the local needs (Sanusi, 2009; Taylor, 2010; Harun, 2012). It can be understood that the British remained their urban development approach practised in England at Malaya, whereby provision of public amenities at a place was mainly to cater its economic activities (Powe, 2012; Harun, 2012).

Accordingly, Mohd Hairy (2014) theorised that increment of population, due to concentration of settlements into local economic centres, was also influential in the provision of public amenities by the British. The aspects of security, health and recreation were prioritised by the British during the initial stage of town or city formation to ensure the safety of its own citizen as well as other Europeans. Apart from that, the British appllied the theory of racial segregation by building separating wall, gate and security hut for the sake of safety (Home, 1997; Ambe, 2008). These, then were extended to cater healthcare needs through building hospitals for areas affected with diseases such as Malaria for instance (Mizushima, 1997; Ambe, 2008).

It is evident that economic factor was influential in the formation of early towns by the British in Malaya (Lockard, 1974; Suriati, 2013; William, 2014). Types of amenities provided at early towns were basically dependent on economic activities held at that time (Ambe, 2008; William, 2014). Stability and security aspects then were considered to ensure the smoothness of economic agenda, as apparent in the planning of early settlements whereby racial segregation concept was enabled trough the setting-up of gated community with security huts (Sanusi, 2009; Yuen, 2011). Upgrading of transportation roads and communication system, which is considered as the next phase of town formation (William, 2014), then follow suit as the British intended to enhance inter-towns accessibility and reachability.

Implying from the literature, the two main factors influencing the British to build public infrastructures and amenities are safety and communication, which vary respectively to correspond with the socioeconomic needs of a town or city. Table 1 details out such relationship for the 14 small towns in Perak.

<b>Table 1</b> ; Early Amenities Built by the British in Small Towns of Perak.	

No.	Town/Year	Early British amenities	Sosioeconomic activitie
1	Gopeng (1870s)	Police Station (1879)	Tin mining
		Court House (1880s)	
		Hospital (1884)	
		Post Office (1891)	
		Sanitary Building Office (1890s)	
2	Papan (1880s)	Police Station (1887)	Tin mining
	<b>-</b> · · ·	Post Office (1895)	-
		Railway Station (1908)	
3	Tanjung Rambutan (1893)	Railway Station (1896)	Tin mining
		Police Station (1896)	C
		Post Office (1896)	
		Court House (1897)	
		Psyciatric Hospital (1911)	
4	Pusing (1890s)	Market (1897)	Tin mining
	8 ( 11 14)	Police Station(1890s)	6
		Railway Station (1908)	
		Post Office (1924)	
5	Sungkai (1900)	Railway Station (1894)	Agriculture
C	2 ungilur (1900)	Post Office (1905)	
		Police Station (1936)	
6	Kuala Kurau (1900s)	Post Office (1908)	Fishery & agriculture
0	<b>Haula Haila</b> (19005)	Fishery Department (1922)	
		Police Station (1920s)	
		Fire Fighting & Rescue (1920s)	
		Jetty (1934)	
		Customs Office (1934)	
7	Padang Rengas (1900s)	Post Office (1894)	Agriculture
	1 uuung 1001gus (1) 000)	Police Station (1937)	
		Railway Station (1950s)	
8	Karai (1900s)	Post Office (1898)	Coal mining
0	<b>Kului</b> (19003)	Police Station (1905)	Cour mining
9	Klian Intan (1909)	Police Station (1909)	Tin mining
/	Tenan Intan (1909)	Post Office (1910)	Thi hinning
		Hospital (1910s)	
10	Beruas (1910)	Post Office (1913)	Agriculture
10	Defuds (1910)	Police Station (1920s)	Agriculture
		Court House (1930s)	
11	Lenggong (1915)	Post Office (1904)	Agriculture
11	Lenggoing (1913)	Police Station (1930s)	Agriculture
		Public Work (late 1930s)	
12	Lumut (1920s)	Jetty/Port (1920)	Trading, fishery &
14	Lumut (19208)	Post Office (1933)	agriculture
		Police Station (1930s)	agriculture
		Hospital (1930s)	
13	Parit (1928)	Post Office (1911)	Agriculture
13	r allt (1920)	. ,	Agriculture
		Public Work (1920s) Police Station (1940)	
1.4	Deces Detal (1021)	Police Station (1940)	The dimension $f'(1)$
14	Bagan Datuk (1931)	Police Station (1890)	Trading, fishery,
		Jetty/port (1890s)	agriculture
		Post Office (1908)	

3

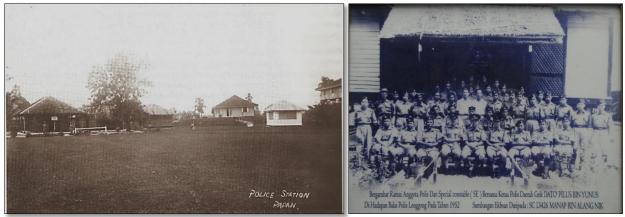
## 3. Analysis and Findings

Interpretively from Table 1, the built years of the first shop houses row can be highly associated with the existential years of their respective towns. Although it can be understood that those towns had emerged from the development of traditional settlements, it is imperative to note that shop houses, nevertheless, were either built in separate areas or close to the original settlements. As a result, the first row of shop houses had transformed to a new place of central attention and later developed into townships which remains until today.

Based on the trend yielded, the British apparently favoured in providing amenities in the forms of police station and post office to the small towns. Although school buildings existed at that time, they were however built by the locals and Chinese immigrants in order to carry their vernacular educational system respectively.

Meanwhile, religious buildings (churches) were initially built for the Europeans and not to cater for the locals. Other socioeconomic-based amenities such as market, hospital and shipping port were not being considered as these amenities merely involve the townships partially. They were not significant in relative to police station and post office which functionally cater the entire townships. Police stations were crucial for the sake of stability and protection of the small towns, especially when military bases at that time were only placed at main cities of Perak. Post offices meanwhile were such an important and effective communicational needs following the past limitations in public transportation and traffic system.

The British basically prioritised on stability and security aspects for towns that they had economic interests on. This scenario is apparent at Gopeng, Pusing, Papan and Tanjung Rambutan which were the chains of Lembah Kinta's mining spot, formerly renowned as the world's largest tin producer during its peak era in the late 19th and 20th Centuries. The feud between the Siamese (Thailand) and the State of Perak in acquiring Klian Intan, known as the largest tin mining spot at Perak's northern side meanwhile has led in the intervention of the British. As a resolution, the Bangkok Treaty 1909 was met by both of the British and Siamese, causing the latter to release Hulu Perak District back to the State of Perak. Subsequently, police station was built as a security measure to ensure the place's stability.



Papan Police Station (1887). Source; National Archives of Malaysia

Lenggong Police Station (1930s). Source; Lenggong Police Station.

On the other facet, Bagan Datuk was significant as the largest coconut producer in South East Asia. There were 13 large-scale farms owned by the British and other Europeans over there, which products were marketed to all over Europe and the United States. Security aspect was also emphasised in Lumut which is a part of the Straits Settlements comprising Penang, Malacca and Singapore. Before Lumut was returned to the State of Perak in 1934, the town became an international trading port despite its smaller size in relative to other places of the Straits Settlements. Conclusively, the British prioritised on the aspects of political stability and security for the towns that benefiting them economically.

The British also emphasised on communication and reachability aspects for emerging towns in Perak, particularly to providing post office. In total, seven towns were first equipped with post office instead of other types of amenities namely Sungkai, Kuala Kurau, Padang Rengas, Karai, Beruas, Lenggong and Parit. These agriculural and fishery-based towns basically share a common similarity in terms of their remote locations, in which they were situated away from the main cities of Perak such as Ipoh, Kuala Kangsar, Teluk Intan and Taiping for instances. In this regard, communication system was emphasised to ensure the smoothness of British administration at these places. In addition, railway network provided across Karai has enabled the British to manage and supervise the coal industry activities at the town from a more developed city which is in close proximity namely Kuala Kangsar.

The current study also found that police station and post office were built on the very same year for three towns namely Tanjung Rambutan, Klian Intan dan Lumut. The underlying reason for such case can be associated with the construction of railway station in Tanjung Rambutan which necessitated an efficient communication system. In this manner, Tanjung Rambutan can be linked appropriately via railway transportation with Butterworth (Penang) and Singapore. Simulataneous development of Klian Intan and Lumut meanwhile can be linked with the political events occured at those towns, based on the Bangkok Treaty 1909 and the Pangkor Treaty 1874 respectively.



Existing conditions of the abandoned Bagan Datuk Post Office (left) and Tanjung Rambutan Post Office (right).

#### 4. Conclusion

In a nutshell, a town's significance in the past has a direct relationship with its economic contributions. The British administration had prioritise mainly on stability and security aspects to protect their interests, particularly for small towns of mining-industry and port-based. The former aspect was essential for the British in ensuring those small towns to remain economically contributive and stable. The latter aspect meanwhile was inevitable mainly for political needs and reasoning, especially when

the British and other Europeans were trading businesses during the formation of those early towns. Communication aspect meanwhile was prioritised by the British to ease their administratitive agendas at small towns in distance from the main cities. Since these small towns were mainly agriculturalbased, communication aspect was prioritised instead of stability and security aspects considering that they were less profitable in relative to the small towns of mining-industry and port-based. The existence of post offices per se has also enabled the British to be vigilant on the updates and development of those remote areas.

#### Acknowledgements

The authors would like to appreciate the Federal Department of Town and Country Planning Peninsular Malaysia (Perak) for funding the current studies on morphology of small town in Perak under the project grant received in 2015 and 2016. Special credits also go to the lecturers and students of Ungku Omar Polytechnic, Perak Heritage Society (PHS), local councils and district offices, local communities, respective building owners and individuals who have directly and indirectly contributed in the process and conduct of this study.

#### References

- [1] Ambe J. Njoh 2008 Colonial Philosophies, Urban Space, and Racial Segregation in British and French Colonial Africa, Journal of Black Studies, Volume 38 Number 4.
- [2] Arup M, Rajnish K 2015 *New Patterns in Indian Urbanization: Emergence of Census Towns*, Environment and Urbanization Asia, 6(1) 18–27.
- [3] Belinda Y 2011 Urban planning in Southeast Asia: Perspective from Singapore. TPR, 82 (2). Charles L. Choguill 1989 Small town and development: A tale from two countries, Urban Studies, 26, 267-274.
- [4] Claudia Y & Pierre F 2015 Spatial accessibility to amenities, natural areas and urban green spaces: Using a multiscale, multifractal simulation model for managing urban sprawl, and Planning B: Planning and Design, volume 42, pages 1054 – 1078
- [5] Craig A. L 1974 The Southeast Asian Town In Historical Perspective: A Social History Of Kuching, Malaysia, 1820-1970, The University of Wisconsin, Ph.D Thesis, 1973
- [6] Harun, NZ and Jalil, RAJ 2012 *The Morphological History of the Malaysian Urban Form*, IPEDR, vol 48. 24.
- [7] Harry G & Gerard M 2017 Amenities and the attraction of Dutch cities, Regional Studies, Vol. 51, NO. 5, 724–736.
- [8] Harvey S. Perloff 1966 New Towns in Town, Journal of the American Institute of Planners, 32:3, 155-161.
- [9] Heike M & Paul K 2010 Small-Town Sustainability: Prospects in the Second Modernity, European Planning Studies, 18:10, 1545-1565.
- [10] Ian MacLachlan and Julia H 2015 New Town in the Bush: Planning Knowledge Transfer and the Design of *Kwinana, Western Australia, Journal of Planning History, Vol.* 14(2) 112-134.
- [11] Ibrahim Mohd, Faizah Ahmad and, Wan Norazriyati Wan Abd Aziz 2009 Exploiting town planning factors in land development; Case study of urban housing in Kuala Lumpur, Malaysia, , Journal of Facilities Management, Vol. 7 No. 4, pp. 307-318.
- [12] Lan W, Ratoola K and Xiangming C 2010 Building for what and whom? New Town Development as Planned Suburbanization In China and India, Suburbanization in Global Society, Volume 10, 319–345.
- [13] Mohd Hairy Ibrahim, Azmi Ahmad Baharom, Khairi Arifin, Baharuddin Jabar, Mazdi Marzuki & Kamal Kamaudin 2014, *Investigation of the landscape change in old Malaysian railway; Special references to Port Weld-Taiping Railway*, The Social Sciences, 9 (5): 357-361.
- [14] Neil A P & Dave B 2012, *Localising activity within the context of relational complexity: exploring the relevance of rural centre and town centre conceptions, Environment and Planning B*: Planning and Design, volume 39, pages 501 517
- [15] Nigel T 2010 What is this thing called spatial planning? An analysis of the British government's view, TPR, 81 (2).

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- [16] Peter J. L & John P 2008 *Reconstruction planning and the small town in early post-war Britain*, Planning Perspectives, 23:3, 291-321.
- [17] Rod B 2011 "*Rural sustainability and the built environment*", Journal of Enterprising Communities: People and Places in the Global Economy, Vol. 5, Issue: 2, pp.158-178.
- [18] Robert C. K 2014 Cultural Amenities: Large and Small, Mainstream and Niche-A Conceptual Framework for Cultural Planning in an Age of Austerity, European Planning Studies, Vol. 22, No. 12, 2510–2525.
- [19] Robert H, E & FN Spon 1997 Of Planting and Planning: The Making of British Colonial Cities, an Imprint of Chapman & Hall, London, ISBN 0-203-46106-1 (Adobe e-reader format), (1<sup>st</sup> edition)
- [20] Suriati A, David J 2013, Investigating the Mining Heritage Significance for Kinta District, the Industrial Heritage Legacy of Malaysia, Procedia Social and Behavioral Sciences, 105, 445 457
- [21] William W L H, David Yoon Kin Tong and Gerald Guan Gan Goh 2014 *Revitalisation of the Old Township of Ipoh, Malaysia*, Journal of Place Management and Development, Vol. 7 No. 1, pp. 57-73.
- [22] Tsukasa M 1997, A Historical Study on Land Transaction in a Local Town in Malaysia Kuala Kangsar Shop Lots between 1885 and 1995, Reprin ted from Regional Views, Number 10.