

IMPACT OF UITM TO PERLIS DEVELOPMENT AND PROGRAMME REVIEW OF PPSUG

SITI KHADIJAH BINTI ANUAR

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

Faculty of Architecture, Planning and Surveying

February 2021

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.

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.

Name of Student : Siti Khadijah binti Anuar

Student I.D. No. : 2017978387

Bachelor of Surveying Science and

Programme : Geomatics (Honours) – AP220

Faculty : Architecture, Planning & Surveying

Thesis/Dissertation Title :

Day

Signature of Student :

Date : 16th July 2020

ABSTRACT

Developed area is an indicator to show the growth in economic and social aspects due to the establishment of educational institutions. Furthermore, the program's improvement is necessary to make sure it is relevant to industry and nation vision are necessary for students. This study is carried out by focusing on two (2) objectives which are: to i) identify the growth of development within 20 years establishment of UiTM Perlis Branch and ii) determine curriculum relevance of PPSUG program. Landuse was extracted for Landsat imagery from the year 1999 to 2019 within 5 to 10 km in radius from the UiTM Perlis branch. The questionnaire has been distributed to determine the feedbacks from alumni and students for program review and relevancy. This study is beneficial for UiTM administration to trace the graduate student career and improve the current curriculum of PPSUG program. It is useful for the local authority for future planning on improvising the opportunity of industry expansion and attracting the investor for plan development surrounding UiTM Perlis Branch.

TABLE OF CONTENT

		Page	
CON	CONFIRMATION BY PANEL OF EXAMINERS		
SUPERVISOR'S DECLARATION			
ABS	ABSTRACT		
ACK	ACKNOWLEDGEMENT		
TAB	LE OF CONTENT	vii	
LIST	OF TABLES	X	
LIST	OF FIGURES	xii	
LIST	OF ABBREVIATIONS / NOMENCLATURE	xiv	
СНА	PTER 1	15	
INTI	RODUCTION	15	
1.1	Research Background	15	
1.2	Problem Statement	16	
1.3	Research Question	17	
1.4	Aim and Objectives	17	
1.5	Scope and Limitation	18	
1.6	Significant of Study	18	
1.7	Summary	19	
СНА	PTER 2	20	
LITE	ERATURE REVIEW	20	
2.1	Introduction	20	
2.2	Studies on Impact of Institutional Establishment on Economic Growth	20	
2.3	Graduate Tracer Study	21	
2.4	GIS and RS-based on Urban Expansion Mapping	22	
2.5	Impact assessment of university development	23	
2.6	Summary	24	
СНА	PTER 3	25	
MET	THODOLOGY	25	
3.1	Introduction	25	
3.2	Flow Chart of Methodology	25	
3.3	Study Area	27	

3.4	Da	ta Acquisition	27
	3.4.1	Questionnaire Development and Distribution	28
	3.4.2	Landsat Imagery Description	28
3.5	Data Processing		
	3.5.1	Software Used	29
	3.5.2	Image Pre-Processing	30
3.6	Comparison between Impact Studies in 2007 and Impact Studies of 2020		
3.7	Sui	mmary	31
CH	APTER	4	32
RES	SULT A	ND ANALYSIS	32
4.0	Int	roduction	32
4.1	Im	pact Studies of UiTM Perlis in 2007	32
	4.1.1	Students' Tendency to Live in Arau Without the Existence of UiTM	32
	4.1.2	Staffs' Tendency to Live in Arau Without the existence of UiTM	33
	4.1.3	Analysis for State's Residents	34
	4.1.4	Economy Development around UiTM	36
	4.1.5	Analysis on the Impact of UiTM Perlis on Industries or Businesses	40
	4.1.6	Analysis for State Government Category	46
	4.1.7	The 2010 Population and Housing Census of Malaysia (Census 20	10)
		49	
	4.1.6	Finding of Impact Study in 2007	53
4.2	Ide	ntification of the changes of land-use within 20 years around 5 to 10	km
fron	n UiTM	Perlis Branch	55
	4.2.1	Summarization of the land use	55
	4.2.2	Map of the land use	59
	4.2.3	Verification Points	63
4.3	Graduate tracer study of PPSUG's student and Curriculum relevancy		for
Prog	gram Im	provement	64
	4.3.1	Graduate Tracer Study of PPSUG's Students	71
	4.3.2	Program Review on Determination of Program Relevancy	85
4.4	Sui	mmary	90
CH	APTER	5	91
COI	NCLUS	ION	91