

UNIVERSITI PUTRA MALAYSIA

VISITORS' LOYALTY TOWARDS GIANT PANDA CONSERVATION CENTRE AT ZOO NEGARA, MALAYSIA

THOO POH YEE

FH 2018 6



VISITORS' LOYALTY TOWARDS GIANT PANDA CONSERVATION CENTRE AT ZOO NEGARA, MALAYSIA

By

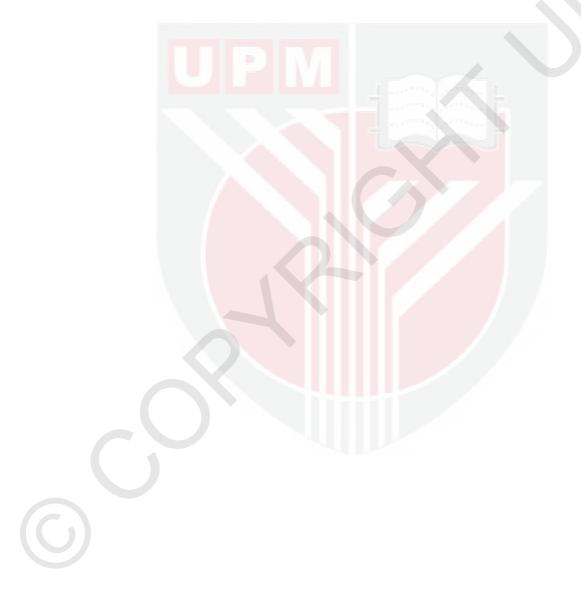
тноо рон уее

Thesis Submitted to the School of Graduate Studies, Universiti Putra Malaysia, in Fulfilment of the Requirements for the Degree of Master of Science

December 2017

All material contained within the thesis, including without limitation text, logos, icons, photographs and all other artwork, is copyright material of Universiti Putra Malaysia unless otherwise stated. Use may be made of any material contained within the thesis for non-commercial purposes from the copyright holder. Commercial use of material may only be made with the express, prior, written permission of Universiti Putra Malaysia.

Copyright © Universiti Putra Malaysia



Abstract of thesis presented to the Senate of Universiti Putra Malaysia in fulfilment of the requirement for the degree of Master of Science

VISITORS' LOYALTY TOWARDS GIANT PANDA CONSERVATION CENTRE AT ZOO NEGARA, MALAYSIA

By

THOO POH YEE

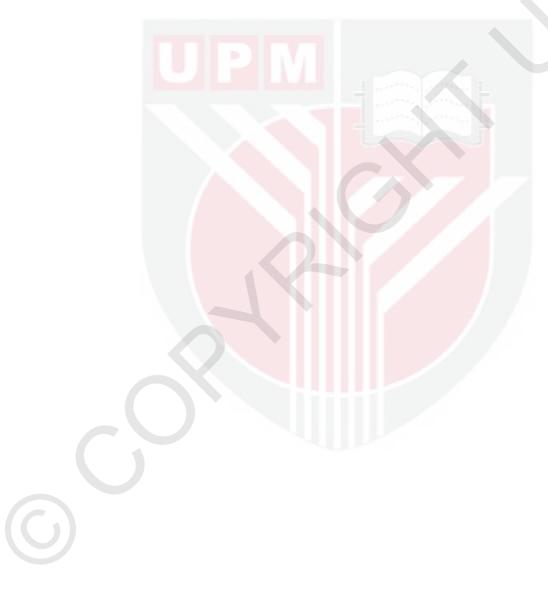
December 2017

Chair : Shazali bin Johari, PhD Faculty : Forestry

Loyalty has been a major highlight in the tourism industry for being a crucial component to a sustainable business by ensuring a stable flow of visitors in future. It has always been a vital objective of service providers. Visitors are the main focus of any successful tourism business as the need to attract and retain visitors is definitely important to face the concept of quality, productivity, efficiency, growth and survival challenge in this field. Many studies of service quality have proven that these will lead to visitors' satisfaction and results in visitors' loyalty. However, many researchers have also identified that a satisfactory purchase experience is not enough to develop loyalty. Visitors' positive memorable tourism experiences (MTEs) are also very crucial as it is proven to be a more potent driver of future behaviour such as loyalty. MTEs have recently emerged to become an important study for tourism destinations to compete in this rapid growing marketplace. Therefore, in order to create a visitors' loyalty, bestowing visitors with great service quality and development of positive memorable tourism experiences (MTEs) are essential. Yet, there are currently lacks of studies regarding the relationship among these three dimensions. In conjunction with the sudden drop of total number of visitors in Zoo Negara Malaysia in the year 2015 even after the establishment of Giant Panda Conservation Centre (GPCC), it is crucial for GPCC, Zoo Negara to understand and gain loyal visitors since the giant pandas will be here for 10 years. Hence, the main objective of this research is to examine the factors that influence loyalty in relation to service quality and memorable tourism experience among visitors at GPCC in Zoo Negara. Moreover, this study is to close the theoretical gap by developing a model with these three dimensions which are still scarce in the literature. A quantitative research design was employed in this study. A selfadministered survey was carried out with a sample of 217 visitors. A pilot survey was done to test the effectiveness of the questions in the instrument prior to the actual survey. Descriptive analysis and multiple regression analysis were used to analyse the data. The results showed that the visitors of GPCC have various socio-demographic and economic backgrounds. Overall, the visitors are positive of service quality, MTEs and loyalty towards GPCC. From the socio-demographic characteristics, visitors' education level and gross monthly salary are found to affect the visitors' loyalty.



Lastly, the relationship among service quality, MTEs and loyalty had been determined and become clearer. Service quality and MTEs are indeed the antecedents of loyalty. In addition, MTEs has been found to mediate the relationship between service quality and loyalty with a full mediation which has helped to expand the current literature. In a nutshell, apart from providing a high quality of service, understanding the visitors' MTEs is important when implementing segmentation and positioning strategies for a tourism destination as it will affect a visitor's loyalty.



Abstrak tesis yang dikemukakan kepada Senat Universiti Putra Malaysia sebagai memenuhi keperluan untuk ijazah Sarjana Sains

KESETIAAN PENGUNJUNG TERHADAP PUSAT KONSERVASI PANDA GERGASI DI ZOO NEGARA, MALAYSIA

Oleh

THOO POH YEE

Disember 2017

Pengerusi Fakulti : Shazali bin Johari, PhD : Perhutanan

Kesetiaan telah menjadi tumpuan utama dalam industri pelancongan kerana ia merupakan komponen yang penting untuk perniagaan yang mampan dengan memastikan aliran pengunjung yang stabil pada masa akan datang. Ia sentiasa menjadi objektif yang penting kepada pembekal perkhidmatan. Pengunjung adalah focus utama dari mana-mana perniagaan pelancongan yang berjaya kerana keperluan untuk menarik dan mengekalkan pengunjung semestinya penting untuk menghadapi konsep kualiti, produktiviti, kecekapan, pertumbuhan dan pertahanan cabaran dalam bidang ini. Banyak kajian tentang kualiti perkhidmatan telah membuktikan bahawa ini akan membawa kepada kepuasan pengunjung dan menghasilkan kesetiaan pengunjung. Walau bagaimanapun, ramai penyelidik juga telah mengenal pasti bahawa pengalaman pembelian yang memuaskan tidak mencukupi untuk menghasilkan kesetiaan. Pengalaman kenangan pelancong an pelancong yang positif juga sangat penting kerana ia terbukti menjadi pemacu tingkah laku masa depan yang lebih kuat seperti kesetiaan. Baru-baru ini pengalaman kenangan pelancongan muncul menjadi kajian yang penting bagi destinasi pelancongan untuk bersaing dalam pasaran yang berkembang dengan pesat ini. Oleh itu, untuk mewujudkan kesetiaan pengunjung, mengurniakan pelawat dengan kualiti perkhidmatan yang hebat dan pembangunan pengalaman kenangan pelancongan yang positif adalah sangat penting. Walau bagaimanapun, pada masa ini terdapat kekurangan kajian yang mengenai hubungan antara ketiga-tiga dimensi tersebut. Bersempena dengan penurunan jumlah pelawat secara tiba-tiba di Zoo Negara Malaysia pada tahun 2015 walaupun selepas penubuhan Pusat Konservasi Panda Gergasi (PKPG), ia adalah penting untuk PKPG, Zoo Negara untuk memahami dan menarik pengunjung yang setia kerana panda gergasi tersebut akan berada di sini selama 10 tahun. Oleh itu objektif utama penyelidikan ini adalah untuk mengkaji faktor-faktor yang mempengaruhi kesetiaan berhubung dengan kualiti perkhidmatan dan pengalaman kenangan pelancongan di kalangan pengunjung di PKPG di Zoo Negara. Selain itu, kajian ini adalah untuk menutup jurang teori dengan membina model menggunakan ketiga-tiga dimensi yang masih serba kurang dalam kesusasteraan. Reka bentuk kajian kuantitatif telah digunakan dalam kajian ini. Kajian tinjauan sendiri telah dijalankan dengan sampel sebanyak 217 pengunjung. Tinjauan

perintis telah dilakukan untuk menguji keberkesanan soalan-soalan dalam instrumen sebelum tinjauan sebenar. Analisis deskriptif dan analisis regresi berganda telah digunakan untuk menganalisis data tersebut. Keputusan menunjukkan bahawa pengunjung PKPG mempunyai pelbagai latar belakang sosio-demografi dan ekonomi. Secara keseluruhannya, pengunjung adalah positif terhadap kualiti perkhidmatan, dan pengalaman kenangan pelancongan dan kesetiaan terhadap PKPG. Dalam ciri-ciri sosio-demografi, tahap pendidikan pengunjung dan gaji bulanan kasar didapati mempengaruhi kesetiaan pengunjung. Akhirnya, hubungan antara kualiti perkhidmatan, pengalaman kenangan pelancongan dan kesetiaan telah diketahui dan menjadi lebih jelas. Kualiti perkhidmatan dan pengalaman kenangan pelancongan memang merupakan penyebab utama kesetiaan. Di samping itu, pengalaman kenangan pelancongan telah didapati menjadi pengantara diantara hubungan kualiti perkhidmatan dan kesetiaan dengan pengantaraan penuh yang membantu mengembangkan kesusasteraan semasa. Singkatnya, selain memberikan perkhidmatan yang berkualiti, memahami pengalaman kenangan pelancongan pengunjung adalah penting apabila melaksanakan strategi segmentasi dan kedudukan untuk destinasi pelancongan kerana ia akan menjejaskan kesetiaan pengunjung.

ACKNOWLEDGEMENTS

First of all, I would like to express my deepest appreciation and sincere thanks to my chairman of my supervisory committee, Dr. Shazali Johari, for his assistance, guidance and advices in completing this project. I would also like to express my appreciation to my supervisory committee member, Dr. Mohd Hafizal Ismail, for his invaluable comments and suggestions during the preparation of this thesis.

I would also like to express my appreciation to the members of the thesis examination committee, Assoc. Prof. Dr. Manohar Mariapan, Assoc. Prof. Dr. Azlizam Aziz and Assoc. Prof. Dr. Md Amin Md Taff, for their constructive feedbacks and suggestions.

My appreciation also goes to the Ministry of Natural Resources and Environment, Zoo Negara and PERHILITAN for having this Giant Panda Conservation Centre project and granted me permission to conduct the project in Zoo Negara.

My deepest gratitude goes to my beloved family (Father Thoo Sin Kooi, Mother Ooi Ah Kiaw and Sister Thoo Poh Kam), friends (esp. Chee Yen, Chin Yin, Gladys, May Sean, Su Ling, Viviene and Weng Fei) and post-graduates friends (Sophie, Lai Ling, Luqman, Wani, Engku, Syamimi, Afifah and Fatin) who have been very understanding, supportive and helpful towards me all the time.

Last but not least, I would like to thank all of those who have participated directly or indirectly in helping me to make my Master research a success.

May God bless all of you. Thank you so much. 🕈 😊

I certify that a Thesis Examination Committee has met on 7 December 2017 to conduct the final examination of Thoo Poh Yee on her thesis entitled "Visitors' Loyalty Towards Giant Panda Conservation Centre at Zoo Negara, Malaysia" in accordance with the Universities and University Colleges Act 1971 and the Constitution of the Universiti Putra Malaysia [P.U.(A) 106] 15 March 1998. The Committee recommends that the student be awarded the Master of Science.

Members of the Thesis Examination Committee were as follows:

Manohar a/l Mariapan, PhD

Associate Professor Faculty of Forestry Universiti Putra Malaysia (Chairman)

Azlizam bin Aziz, PhD

Associate Professor Faculty of Forestry Universiti Putra Malaysia (Internal Examiner)

Md Amin bin Md Taff, PhD

Associate Professor Universiti Pendidikan Sultan Idris Malaysia (External Examiner)

> NOR AINI AB. SHUKOR, PhD Professor and Deputy Dean School of Graduate Studies Universiti Putra Malaysia

Date: 29 January 2018

This thesis was submitted to the Senate of Universiti Putra Malaysia and has been accepted as fulfilment of the requirement for the degree of Master of Science. The members of the Supervisory Committee were as follows:

Shazali Johari, PhD

Senior Lecturer Faculty of Forestry Universiti Putra Malaysia (Chairman)

Mohd Hafizal Ismail, PhD Senior Lecturer Faculty of Forestry Universiti Putra Malaysia

(Member)

ROBIAH BINTI YUNUS, PhD Professor and Dean School of Graduate Studies Universiti Putra Malaysia

Date:

Declaration by graduate student

I hereby confirm that:

- this thesis is my original work;
- quotations, illustrations and citations have been duly referenced;
- this thesis has not been submitted previously or concurrently for any other degree at any other institutions;
- intellectual property from the thesis and copyright of thesis are fully-owned by Universiti Putra Malaysia, as according to the Universiti Putra Malaysia (Research) Rules 2012;
- written permission must be obtained from supervisor and the office of Deputy Vice-Chancellor (Research and Innovation) before thesis is published (in the form of written, printed or in electronic form) including books, journals, modules, proceedings, popular writings, seminar papers, manuscripts, posters, reports, lecture notes, learning modules or any other materials as stated in the Universiti Putra Malaysia (Research) Rules 2012;
- there is no plagiarism or data falsification/fabrication in the thesis, and scholarly integrity is upheld as according to the Universiti Putra Malaysia (Graduate Studies) Rules 2003 (Revision 2012-2013) and the Universiti Putra Malaysia (Research) Rules 2012. The thesis has undergone plagiarism detection software.

Signature:	Date:	
Name and Matric No :	Theo Poh Yee (GS43892)	

Declaration by Members of Supervisory Committee

This is to confirm that:

G

- the research conducted and the writing of this thesis was under our supervision;
- supervision responsibilities as stated in the Universiti Putra Malaysia (Graduate Studies) Rules 2003 (Revision 2012-2013) are adhered to.

Signature: Name of	
Chairman of	
Supervisory	
Committee:	DR. SHAZALI JOHARI
Signature:	
Name of	
Member of Supervisory	
Committee:	DR. MOHD HAFIZAL ISMAIL

TABLE OF CONTENTS

	_		Page
ABSTRAC	Т		1
ABSTRAK			iii
ACKNOW		MENTS	v
APPROVA			vi
DECLARA			viii
LIST OF T			xiii
LIST OF F			XV
LIST OF A	BBREV	IATIONS	XV1
CHAPTER			
1		RODUCTION	1
	1.1	Background of the Study	1
	1.2	Problem Statement	4
	1.3	Research Questions	6
	1.4	Objectives	6
	1.5	Significance of the Study	7
	1.6	Definition of Key Terms	7
	1.7	Research Outline	8
2	LITE	RATURE REVIEW	10
-	2.1	Tourism	10
	2.2	Wildlife Tourism	10
	2.3	Sustainable Wildlife-Based Tourism and Conservation	12
	2.4	Visitor Management	13
	2.5	Service Quality	14
		2.5.1 Technical Quality	15
		2.5.2 Functional Quality	15
	2.6	Memorable Tourism Experience	16
		2.6.1 Hedonism	17
		2.6.2 Novelty	17
		2.6.3 Local Culture	18
		2.6.4 Refreshment	18
		2.6.5 Meaningfulness	19
		2.6.6 Involvement	19
		2.6.7 Knowledge	20
	2.7	Loyalty	20
		2.7.1 Behavioural Loyalty	21
		2.7.2 Attitudinal Loyalty	22
	2.0	2.7.3 Cognitive Loyalty	22
	2.8	Relationship between Service Quality and Loyalty	23
	2.9	Relationship between Memorable Tourism Experience	24
	2 10	and Loyalty Relationship between Service Quality and Memorphic	24
	2.10	Relationship between Service Quality and Memorable Tourism Experience	24
	2.11	Relationship between Service Quality, Memorable	25
	4.11	Relationship between betvice Quality, Memorable	20

Relationship between Service Quality, Memorable Tourism Experience and Loyalty

 $\overline{(C)}$

	2.12	Theoretical Framework	26
3	МЕТ	THODOLOGY	31
	3.1		31
	3.2	Research Design	33
		3.2.1 Sampling Procedure	33
		3.2.2 Instrumentation	34
		3.2.3 Pilot Test	37
	3.3		37
	3.4		38
		3.4.1 Descriptive Analysis	38
		3.4.2 Multiple Regression Analysis	38
4	RES	ULTS AND DISCUSSION	40
	4.1	Visitors' Socio-Demographic Background	40
		4.1.1 Nationality of Visitors	40
		4.1.2 Gender of Visitors	41
		4.1.3 Age of Visitors	42
		4.1.4 Marital Status of Visitors	42
		4.1.5 Ethnic Group of Visitors	42
		4.1.6 Religion of Visitors	43
		4.1.7 Education Level of Visitors	44
		4.1.8 Occupation of Visitors	44
		4.1.9 Gross Monthly Salary of Visitors	45
	4.2	Visit Information	46
	7.4	4.2.1 Mode of Transportation	46
		4.2.2 Method of Reaching GPCC	46
		4.2.3 Accompaniment	40
		4.2.4 Sources of Information	49
	4.3	The Level of Service Quality	50
	4.4	The Level of Memorable Tourism Experience	52
	4.5	The Level of Loyalty	55
	4.6	Factors Affecting Loyalty	57
	4.7	Relationship between Service Quality, Memorable	59
	7.7	Tourism Experience and Loyalty	57
		4.7.1 Relationship between Service Quality and	59
		Loyalty	57
		4.7.2 Relationship between Service Quality and	60
		Memorable Tourism Experience	00
		4.7.3 Relationship between Memorable Tourism	62
		Experience and Loyalty	02
		4.7.4 The Mediation Effect of Memorable	64
		Tourism Experience towards the	-04
		Relationship between Service Quality and	
		Loyalty	
5	IMP	LICATIONS AND CONCLUSION	66
č	5.1	Summary of Results	66
	5.2	Implications of the Study	67
	5.2	5.2.1 Theoretical Implication	67
		5.2.2 Managerial Implication	68
		Siziz munugerur impredutori	00

xi

5.3	Limitations and Recommendation for Future	
	Research	
5.4	Conclusion	

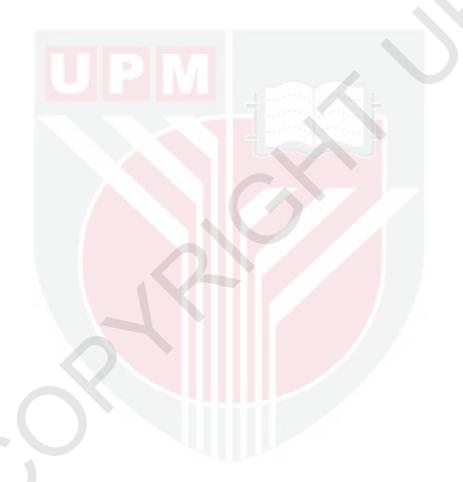
REFERENCES APPENDICES BIODATA OF STUDENT

G

72 93 110

69

71



LIST OF TABLES

Tabl	le	Page
1.1	List of wildlife centres in Malaysia	1
3.1	Cronbach's Alpha	37
4.1	Distribution of respondents by nationality of the GPCC	40
4.2	Distribution of respondents by gender of the GPCC	41
4.3	Distribution of respondents by age range of the GPCC	42
4.4	Distribution of respondents by marital status of the GPCC	42
4.5	Distribution of respondents by ethnicity of the GPCC	43
4.6	Distribution of respondents by religion of the GPCC	43
4.7	Distribution of respondents by education level of the GPCC	44
4.8	Distribution of respondents by occupation of the GPCC	45
4.9	Distribution of respondents by gross monthly salary in range of the GPCC	45
4.10	Distribution of respondents by mode of transportation of the GPCC	46
4.11	Distribution of the method of reaching GPCC by the respondents of the GPCC respondents	46
4.12	2 Distribution of the respondents' accompaniment of the GPCC	47
4.13	Distribution of the number of family members who had accompanied the respondents of the GPCC	48
4.14	Distribution of the number of family members aged 12 and below, 13-17 and 18 and above who had accompanied the respondents of the GPCC	48
4.15	Distribution of the sources of information used by the respondents of the GPCC	49
4.16	Mean and percentage of technical and functional quality level	51
4.17	Mean and percentage of Memorable Tourism Experience level	54
4.18	Mean and percentage of loyalty level	56

4.19	The Multiple	Regression	Analysis	with the	lovalty

4.20 The Multiple Regression Analysis results of Relationship between 59 Service Quality and Loyalty

57

- 4.21 The Multiple Regression Analysis results of Relationship between 60 Service Quality and Memorable Tourism Experience
- 4.22 The Multiple Regression Analysis results of Relationship between 62 Memorable Tourism Experience and Loyalty



LIST OF FIGURES

Figure		Page
1.1	Total number of visitors of Zoo Negara between years 2012-2016	4
2.1	Wildlife based tourism in relation to other types of tourism (Source: Reynolds and Braithwaite, 2001)	11
2.2	Relationship between Service Quality, MTE and Loyalty	25
2.3	Stimulus-Organism-Response Model of Decision Making	26
2.4	Framework of the Theory of Reasoned Action (Source: Fishbein and Ajzen, 1975)	27
2.5	Framework of the Theory of Planned Behaviour (Source: Ajzen, 1991)	27
2.6	ECT Framework	28
2.7	Conceptualization of framework using ECT for GPCC	29
2.8	Conceptual framework of this study	30
3.1	Map of Zoo Negara	32
3.2	GPCC's floor plan	32
3.3	Sample Size Results from G*Power version 3.1.9.2	34
3.4	The relationship of M between X and Y	39
4.1	Distribution of local visitors of GPCC, Zoo Negara	41
4.2	The indirect effect of Service Quality on Loyalty through Memorable Tourism Experience.	65

LIST OF ABBREVIATIONS

GPCC	Giant Panda Conservation Centre
MTE	Memorable Tourism Experience
RM	Ringgit Malaysia
USD	United States Dollar
SPSS	Statistical Package for the Social Sciences
SPSS	Statistical Package for the Social Sciences Words of Mouth

CHAPTER 1

INTRODUCTION

1.1 Background of the Study

A zoological park, or normally known as zoo, is an important tourism destination where the public can view and learn about all types of animals especially animals that are endangered, threatened or rare. In a zoo, animals are confined within enclosures where it is displayed to the public and some animals are trained for animal shows. Therefore, zoos are suitable for people of all ages and abilities especially for family gatherings and company's family days. Zoo was evolved from the ancient time where the royal family had a collection of captive animals, often exotic, kept for display in a menagerie which situated within a garden of a palace.

Currently, zoos not only cater for wildlife observation or viewing, but are also committed to wildlife conservation, education, recreation, training and research. Nowadays, one of the main missions for most of the zoos in the world is mainly for conservation of wildlife. Conservation of wildlife is the practice of protecting wild animal species and their habitats. The goal of conservation is to secure wildlife species for future generations to appreciate and to acknowledge the importance of wildlife towards the environment and humans. Most wildlife conservations are done by government agencies and non-governmental organization (NGOs).

In Malaysia, there are a wide range of wildlife centres apart from zoos such as state mini zoos, wildlife conservation centres, aquariums, wildlife parks, animal parks in integrated resorts and theme parks, and butterfly and reptile farms (Table 1.1).

Categories	Names & Location
Zoos	Zoo Negara, Kuala Lumpur
	Zoo Melaka, Melaka
	Zoo Taiping, Perak
Wildlife Conservation	National Elephant Conservation Centre
Centres	Pahang
	• Kuala Gula Wildlife Conservation Centr
	(Seabirds), Perak
	Malay Tapir Conservation Centre, Selango
	Matang Wildlife Centre, Sarawak
	Bornean Sun Bear Conservation Centre
	Sabah
Aquarias	Aquaria KLCC, Kuala Lumpur
	• Langkawi Underwater World, Langkaw

Table 1.1: List of wildlife centres in Malaysia

	T 1 1
	Island
State M	Green Connection Aquarium, Sabah
State Mini Zoos	Zoo Johor, Johor
	Kuala Krai Mini Zoo, Kelantan
	Taman Teruntum Mini Zoo, Pahang
	 Kemaman Mini Zoo, Terengganu
	Saleng Zoo, Johor
	Turn Red Mini Zoo, Sarawak
Wildlife Parks	Kuala Lumpur Bird Park, Kuala Lumpur
	Penang Bird Park, Pulau Pinang
	• Lok Kawi Wildlife Park, Sabah
	• Langkawi Wildlife Park, Pulau Langkawi
	• Kuala Lumpur Deer Park, Kuala Lumpur
Animal Parks in Integrated	• A' Famosa Animal World Safari, A'
Resorts & Theme Parks	Famosa Resort, Melaka
	• Wildlife Interactive Zoo, Sunway Lagoon,
	Selangor
	Petting Zoo, Lost World Of Tambun, Perak
	• Ecopark, Bukit Merah Laketown Resort,
	Perak
	• Orang Utan Island, Bukit Merah Laketown
	Resort, Perak
	• Mini Zoo, Danga Bay Waterfront City,
	Johor
	KL Tower Animal Zone, Kuala Lumpur
	• Genting Skyway Amazing Ten Animal
	Kingdom, Genting Highlands
Insect & Reptile Farms	• Kuala Lumpur Butterfly Park, Kuala
	Lumpur
	Penang Butterfly Park, Pulau Pinang
	• Cameron Highlands Butterfly Park, Pahang
	Butterfly & Reptile Sanctuary, Melaka
	Snake & Reptile Farm, Perlis
	 Bukit Jambul Orchid, Hibiscus and Reptile
	Farm, Penang
	• Cameron Highlands Honey Bee Farm,
	Pahang
	Langkawi Crocodile Farm, Pulau Langkawi
	Ayer Keroh Crocodile Farm, Melaka
	 Sandakan Crocodile Farm, Sabah
	 Jong Crocodile Farm, Sarawak
	tong orocount i ann, baranak
Adapted f	rom Zoo Chat (Kathir, 2011)
	() - /

Among all these centres, there are three famous zoos in Malaysia which are the Zoo Negara in Kuala Lumpur, Zoo Melaka in Melaka and Zoo Taiping in Perak. All these three zoos are managed by different entities: an NGO for Zoo Negara, private sector for Zoo Melaka and city council for Zoo Taiping. Since there are more and more wildlife centres in Malaysia, zoos are being threatened as wildlife tourism destinations even though they consist of the widest range of wildlife. Being highly dependable on visitors' revenue especially management by NGO where there are limited budgets, visitors' loyalty are indeed very important for the zoos in order to survive for the coming years of growing competitions. According to tourism marketing point of view, retaining repeat visitors to a tourism destination is more cost-effective than attracting new visitors (Meleddu, Paci & Pulina, 2015).

Malaysia has recently loaned two giant pandas from China, and Zoo Negara has been chosen to house the two giant pandas instead of Putrajaya's Wetlands Park as it is wellequipped in terms of facilities provided and well-trained staffs to care for the giant pandas. This has made Zoo Negara as the latest addition to the panda zoo around the world. Currently there are 51 giant pandas that live in 13 different countries around the world besides Malaysia. They are Australia, Austria, Belgium, Canada, France, Japan, Mexico, Scotland, Singapore, Spain, Taiwan, Thailand, and the United States of America. The first giant panda that was sent out of China was called Su Lin. It arrived at the Brookfield Zoo, Chicago, U.S.A. on 8th of February 1937. Malaysia's Zoo Negara received two pandas named Fu Wa and Feng Yi on 21st of May 2014 which is to mark the 40th Anniversary of Diplomatic Relationship between Malaysia and People's Republic of China in 2014. The two giant pandas are on loan from China to Malaysia under the Malaysia-China Giant Panda International Conservation Agreement programme. The agreement was signed on 15th of June 2012 and it was interpreted as an exchange for trade and investment deals. It is a 10 years loan. For China and the recipient countries including Malaysia, the pandas have become important diplomatic symbols. With the pandas, it enhances the image of Malaysia's tourism sector and it also promotes greater awareness on the importance of conservation works in Malaysia. In addition, it is also a way to boost the Malaysia's wildlife tourism industry as it will attract more visitors to visit Zoo Negara since giant panda is ranked as the top species in the world in WWF's "All Time Top 10 Species to See" (World Wildlife Fund, 2012).

Although zoos have always been an important tourist destination, they are remarkably under-researched (Cohen & Fennell, 2016; Mason, 2000; Reade & Waran, 1996). Tomas, Scott and Crompton (2002) investigated the relationships between quality of service performance, benefits sought, satisfaction and future intention to visit among visitors to a zoo where their findings confirmed that there is a strong relationship between overall quality of service performance and visitor satisfaction. However, they suggested that managements' evaluations should concentrate on the service quality performance rather than visitors' satisfaction level. Woods (2002) has done a study on the visitor experiences in captive settings which came out with the best and worst experiences in captive environments while O'hara et al. (2007) did a study about augmented visitor experience in London zoo. For GPCC, studies have shown a relationship between service quality and visitors' satisfaction (Nuraishah & Siow, 2016), and also the MTE with visitors' loyalty dimensions such as willingness to recommend and re-visit intention (Chan & Kunasekaran, 2015). According to Chan and Kunasekaran (2015), the visitors of GPCC have positive memorable experiences with all 8 MTE dimensions adapted from Kim, Ritchie and McCormick (2012) but the author suggested that further testing on the MTE scale and establishing the relationships with other constructs such as loyalty should be done.

1.2 Problem Statement

Giant Panda Conservation Centre (GPCC) is the centre in Zoo Negara where the enclosure of the two giant pandas named Fu Wa and Feng Yi are located. The construction of this centre was started in July 2013 and completed in December 2013. Currently, for Malaysians, the entrance fees to GPCC are included in the Zoo Negara's entrance fees which are RM 44 per adult (RM 21 for senior citizen 60 years and above) and RM 16 per child (free admission for kids below 36 months). Therefore, GPCC is the latest main attraction in Zoo Negara.

Even though the giant pandas have boosted the number of visitors in year 2014, it was not sustainable. The total number of visitors to Zoo Negara has been decreasing since 2015 (Figure 1.1). According to Malaysian Zoological Society's Giant Panda Conservation Centre and Veterinary Services Director Dr. Mat Naim Ramli, the total number of visitors in 2015 is the lowest number in the last 20years and it shows that the giant pandas factor did not help to increase the number of visitors for its second year, even though it started to bring crowds back to the zoo in the first year (M. N. Ramli, Director of Giant Panda Conservation Centre and Veterinary Services, Zoo Negara, personal communication, March 20, 2016). Visitors are important income generation source for Zoo Negara as their main revenue comes from the entrance fees of the visitors. Therefore, it is crucial for them to have loyal visitors and also new visitors especially for GPCC since the giant pandas will be here for 10 years and all their maintenance expenses are borne solely by Zoo Negara.



Figure 1.1: Total number of visitors of Zoo Negara between years 2012-2016

Loyalty has been a vital objective of service providers since determining long-term profit levels come from the high retention or a low defection rate of visitors (Zeithaml, Berry & Parasuraman, 1996). Visitors' lovalty has been a powerful tool in tourism marketing as it helps a destination to retain their visitors and also attract more new visitors. Enhancing visitors' loyalty at a destination and managing visitors' service satisfaction effectively have been addressed by marketing practitioners (Zeithaml et al., 1996). Through loyalty, the costs for marketing can be reduced as loyal visitors will help to recommend the destination to others by providing positive word-of-mouth (WOM) and revisiting the destination again willingly (Meleddu et al., 2015). In addition, with the current technology, most people will share their experiences at a particular destination through their social networking websites where positive words from them are very crucial to the destination. Research shows good quality of services and positive memorable tourism experiences are some of the elements that can highly influence visitors' loyalty towards a destination (Alegre & Juaneda, 2006; Ali, Hussain & Ragavan, 2014; Baker & Crompton, 2009; Boulding, Kalra, Staelin & Zeithaml, 1993; Chandralal & Valenzuela, 2013; Ganesh & Haslinda, 2014; Kim & Ritchie, 2014; King, 2002; Thomas & Earl, 1995; Wirtz, Kruger, Scollon & Diener, 2003; Wu, 2016; Wu, 2017).

Recently, there are several studies that have been done specifically at GPCC in Zoo Negara which include effects of preference and nutritional values of local bamboo towards growth performance of captive giant pandas (Ishak et al., 2016), visitors' attitudes (Afiq Akmal & Shazali, 2016) and awareness of domestic visitors (Nurul Afifah & Siow, 2016) towards Giant Panda Conservation Programme, visitors' satisfaction towards facilities (Thoo & Shazali, 2016), performance of services and facilities (Nuraishah & Siow, 2016), motivation to visit (Fatin & Ramachandran, 2016), wildlife value orientations (Wan Ainnur & Kunasekaran, 2016), and types of MTEs (Chan & Kunasekaran, 2016). Despite that, none of the studies has linked service quality, MTE and destination loyalty in their studies. This shows that there is a significant gap in the extant literature for GPCC and also for the services marketing. Hence, this study will close up the gap that exists by combining the service quality, memorable tourism experiences and destination loyalty as a model. Since the competition of tourist destinations is increasing, differentiating one's offerings base on the experiences they offer definitely can benefit the tourism companies and destinations (Lee & Smith, 2015). Therefore, this study is to help GPCC in Zoo Negara to increase their understanding of their service quality, MTE and destination loyalty at the same time covers the gap between the three dimensions for zoo setting.

1.3 Research Questions

From the problem statement, this research was intended to answer a question on "How do we need to determine loyalty among visitors at Giant Panda Conservation Centre (GPCC), Zoo Negara?". To answer this, a sub-question of "What are the factors that influence loyalty among visitors at GPCC, Zoo Negara?" was imposed. This study argues by integrating constructs of service quality and memorable tourism experiences to understand loyalty among visitors. Sub-questions related to research are:

- 1) Do the visitors of GPCC covers a wide range of socio-demographic characteristics?
- 2) Are the visitors loyal towards GPCC?
- 3) Do the visitors feel that GPCC is providing high service quality?
- 4) Do the visitors have positive memorable tourism experiences?
- 5) Do the socio-demographic characteristics influence the visitors' loyalty towards GPCC?
- 6) Does memorable tourism experience play a mediating role in the relationship between service quality and loyalty?

1.4 Objectives

The main objective is to examine the factors that influence loyalty in relation with service quality and memorable tourism experience among visitors at Giant Panda Conservation Centre (GPCC) in Zoo Negara. The specific objectives of the study are listed as below:-

- 1. To identify the socio-demographic characteristics of visitors of Giant Panda Conservation Centre (GPCC).
- 2. To determine the level of visitors' loyalty, service quality and memorable tourism experiences for GPCC.
- 3. To determine the factors that influence visitors' loyalty towards GPCC.
- 4. To examine the mediating effect of memorable tourism experience on relationship between service quality and loyalty.

1.5 Significance of the Study

The rationale of this study is to expand the body of knowledge of Expectation Confirmation Theory (ECT) in tourism sector especially in the context of wildlife tourism. The exchanging of the Satisfaction dimension of ECT into Memorable Tourism Experience (MTE) is to blend in the tourism essence into ECT to make it more robust in the tourism environment. In addition to that, MTE will be tested as the mediator variable between service quality and loyalty.

Furthermore, from marketing and business perspective, this study enables marketing managers of GPCC to understand the quality of service and memorable experiences demanded by visitors. Moreover, in terms of management, this study will assist the management of GPCC in making better informed-planning decisions to create more loyal visitors through providing the best service quality and positive memorable tourism experiences for the visitors. Although results are relatively specific to the study area, the research process can be applied to other wildlife tourism areas, especially captive breeding conservation centres.

1.6 Definition of Key Terms

1. Visitor

A visitor is a person who travels to a destination outside his or her usual environment for not more than a year and with purposes such as business, leisure or other personal purposes such as visiting relatives except being employed by a resident entity in the place visited (World Tourism Organization [WTO], 2008). In this study, visitor refers to the visitor who had visited Giant Panda Conservation Centre (GPCC) at Zoo Negara, Malaysia.

2. Loyalty

Loyalty represents an irrational behaviour which is resulted from a deeply held commitment to re-patronise or re-purchase a preferred product or service consistently (Oliver, 1999). In this study, loyalty is interpreted as a commitment to re-visit GPCC consistently and spread positive Word of Mouth of GPCC.

3. Visitors' Loyalty

A visitor is one who is willing to continue to patronize a company or business over a long period, purchasing and using its services and goods on a repeated and preferably exclusive manner, and recommend the firms' products to others such as family and friends voluntarily (Lovelock, 2010). In this study, visitors' loyalty refers to visitors who are willing to re-visit GPCC, recommend GPCC to others and pay for a higher entrance fees for GPCC. It is measured by items related with revisit intention, intention to recommend and high tolerance for price premium.

4. Service Quality

Service quality is an overall assessment of a destination on the quality of opportunities available there, and it is also considered mostly to be related to a visitor's quality of experience (Crompton & Love, 1995). In this study, service quality refers to the overall evaluations of GPCC's service experience that visitors had at GPCC as measured by functional and technical qualities.

5. Tourism

Tourism is the consumption of experience which assigns those aspects of visitor behaviours that are related to the fantasy, emotive and multisensory aspects of a person's experience of a destination (Hirschman & Holbrook, 1982).

6. Memorable Tourism Experience

A tourism experience that can be remembered positively or negatively and recalled even after the event has occurred (Kim et al., 2012). In this study, memorable tourism experience refers to the positive memorable experience of the visitors at GPCC which are measured by the 7 positive MTE dimensions confirmed by Kim et al. (2012) namely hedonism, novelty, local culture, meaningfulness, involvement and knowledge.

1.7 Research Outline

This thesis is composed of five chapters: chapter one for introduction, chapter two for literature review, chapter three for methodology, chapter four for result and discussion and, lastly, chapter five for conclusion and implications.

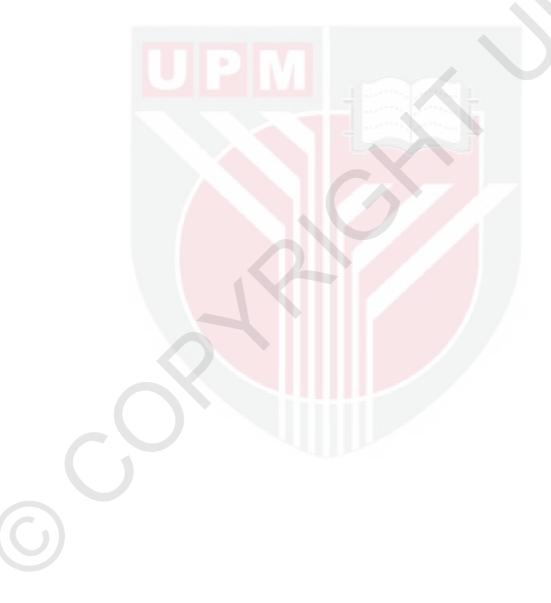
Chapter one begins with the background of the study and the problem statement. It reveals the research questions and the objectives of the study. Besides that, it also explores significance of the study, definition of key terms and research outline.

Chapter two covers a review of literatures related to tourism, wildlife tourism, sustainable wildlife-based tourism and conservation and visitor management. Furthermore, a comprehensive review of literatures related to the concept of service quality, memorable tourism experience and loyalty is discussed. In addition, a proposed conceptual framework is also included.

Chapter three discusses on the methodology of the study where it reveals the research design, technique and procedure used in this research. It covers the sampling, instrumentation, pilot test, data collection process and data analysis procedures using Statistical Package for Social Science (SPSS).

Chapter four is about the results and discussions. Generally, it shows the results gained from the descriptive analysis and multiple regression analysis, and the discussions on the results.

Chapter five summarises this study by concluding the results and reviewing the implications of the study. Apart from that, it recommends for future research directions and limitations of the current study.





REFERENCES

- Afiq Akmal, A., & Shazali, J. (2016). Visitors' attitude towards Giant Panda Conservation Programme in Zoo Negara, Malaysia. Asia-Pacific Journal of Innovation in Hospitality and Tourism, 5(3), 107-122.
- Akroush, M. N., Jraisat, L. E., Kurdieh, D. J., Al-Faouri, R. N., & Qatu, L. T. (2016). Tourism service quality and destination loyalty - the mediating role of destination image from international tourists perspectives. *Tourism Review*, 71(1), 18-44.
- Alegre, J., & Juaneda, C. (2006). Destination Loyalty Consumers' Economic Behavior. Annals of Tourism Research, 33, 684-706.
- Alexandris, K., Kouthouris, C., & Meligdis, A. (2006). Increasing Customers' Loyalty in a Skiing Resort. *International Journal of Contemporary Hospitality Management*, 18(5), 414-25.
- Ali, F., Hussain, K., & Ragavan, N. A. (2014). Memorable customer experience: examining the effects of customers experience on memories and loyalty in Malaysian resort hotels. *Procedia – Social and Behavioral Sciences*, 144, 273-279.
- Ali, F., Kim, W. G., Li, J., & Jeon, H. (2016). Make it delightful: Customers' experience, satisfaction and loyalty in Malaysian themeparks. *Journal of Destination Marketing & Management*, http://dx.doi.org/10.1016/j.jdmm. 2016.05.003
- Almeida-Santana, A., & Moreno-Gil, S. (2017). New trends in information search and their influence on destination loyalty: Digital destinations and relationship marketing. *Journal of Destination Marketing & Management*, 6(2), 150-161.
- Agustin, Clara, & Singh, J. (2005). Curvilinear Effects of Consumer Loyalty Determinants in Relational Exchanges. *Journal of Marketing Research*, 42(1), 96–108.
- Aihara, Y., Hosaka, T., Yasuda, M., Hashim, M., & Numata, S. (2016). Mammalian Wildlife Tourism in South-East Asian Tropical Rainforests: The Case of Endau Rompin National Park, Malaysia. *Journal of Tropical Forest Science*. 28(2), 167–181.
- Ajzen, I. (1985). From intentions to actions: A theory of planned behavior. In *Action control* (pp. 11-39). Springer Berlin Heidelberg.
- Ajzen, I. (1991). The theory of planned behavior. Organizational behavior and human decision processes, 50(2), 179-211.
- Ajzen, I. (2006). Behavioral interventions based on the theory of planned behavior: Brief description of the theory of planned behavior. Retrieved from http://people.umass.edu/aizen/pdf/tpb.intervention.pdf

- Ajzen, I., & Fishbein, M. (1980). Understanding attitudes and predicting social behaviour. New Jersey: Prentice Hall.
- Anderson, E. W. (1996). Customer satisfaction and price tolerance. *Marketing letters*, 7(3), 265-274.
- Ap, J., & Wong, K. K. F. (2001). Case Study on Tour Guiding: Professionalism, Issues, and Problems. *Tourism Management*, 22, 551-63.
- Arnould, E., & Price, L. (1993). River Magic: Extraordinary Experience and the Extended Service Encounter. *Journal of Consumer Research*, 20, 24-45.
- Arora, R., & Stoner, C. (1996). The effect of perceived service quality and name familiarity on the service selection decision. *Journal of Services Marketing*, 10(1), 22-34.
- Auld, C. J., & Case, A. J. (1997). Social exchange processes in leisure and non-leisure settings: A review and exploratory investigation. *Journal of Leisure Research*, 29(2), 183.
- Awang, Z. (2011). *Research Methodology for Business and Social Science*. Shah Alam: Universiti Publication Centre, UPENA.
- Backman, K. F., Backman, S. J., & Malinovsky, J. (2000). An assessment of service quality in a nature-based tourism setting. *Journal of Quality Assurance in Hospitality & Tourism*, 1(2), 9-29.
- Backman, S. J., & Crompton, J. L. (1991). The usefulness of selected variables for predicting activity loyalty. *Leisure Science*, 13, 205–220.
- Bagozzi, R., Gurhan-Canli, Z., & Priester, J. (2002). *The social psychology of consumer behaviour*. McGraw-Hill Education (UK).
- Baker, D. A., & Crompton, J. L. (2000). Quality, satisfaction, and behavioral intentions. *Annals of Tourism Research*, 27, 785–804.
- Ballantyne, R., Packer, J., & Falk, J. (2011a). Visitors' learning for environmental sustainability: Testing short-and long-term impacts of wildlife tourism experiences using structural equation modelling. *Tourism Management*, 32(6), 1243-1252.
- Ballantyne, R., Packer, J., & Hughes, K. (2009). Tourists' support for conservation messages and sustainable management practices in wildlife tourism experiences. *Tourism Management*, 30, 658-664.
- Ballantyne, R., Packer, J., & Sutherland, L. A. (2011b). Visitors' memories of wildlife tourism: Implications for the design of powerful interpretive experiences. *Tourism Management*, *32*(4), 770-779.

- Baloglu, S. (1997). The relationship between destination images and sociodemographic and trip characteristics of international travellers. *Journal of vacation marketing*, 3(3), 221-233.
- Bansal, H. S., & Taylor, S. F. (1999). The service provider switching model (spsm) a model of consumer switching behavior in the services industry. *Journal of service Research*, 2(2), 200-218.
- Battalio, R. C., Dwyer, G. P., & Kagel, J. H. (1987). Tests of competing theories of consumer choice and the representative consumer hypothesis. *The Economic Journal*, 97(388), 842-856.
- Beck, L., & Ajzen, I. (1991). Predicting dishonest actions using the theory of planned behavior. *Journal of research in personality*, 25(3), 285-301.
- Bello, D. C., & Etzel, M. J. (1985). The role of novelty in the pleasure travel experience. *Journal of Travel Research*, 24(1), 20-26.
- Blackshaw, T. (2003). Leisure Life: Myth, Modernity, and Masculinity. New York: Routledge.
- Bloch, P. H., & Richins, M. L. (1983). A theoretical model for the study of product importance perceptions. *Journal of Marketing*, 47(3), 69-81.
- Blodgett, J. G., & Granbois, D. H. (1992). Toward an integrated conceptual model of consumer complaining behavior. *Journal of Consumer Satisfaction, Dissatisfaction, and Complaining Behavior, 5,* 93-103.
- Bloemer, J., De Ruyter, K. O., & Wetzels, M. (1999). Linking perceived service quality and service loyalty: a multi-dimensional perspective. *European journal of marketing*, 33(11/12), 1082-1106.
- Bolla, P., Dawson, D., & Harrington, M. (1991). The Leisure Experience of Women in Ontario. *Journal of Applied Recreation Research*, 16(4), 322-48.
- Boo, S., & Jones, D. (2009). Using a validation process to develop market segmentation based on travel motivation for major metropolitan areas. *Journal of Travel and Tourism Marketing, 26*, 60-79.
- Boulding, W., Kalra, A., Staelin, R., & Zeithaml, V. A. (1993). A Dynamic Process Model of Service Quality: From Expectations to Behavioral Intentions. *Journal of Marketing Research*, 30(1), 7-27.
- Bowen, J., & Shoemaker, S. (2003). Loyalty: A Strategic Commitment. *Cornell Hotel* & *Restaurant Administration Quarterly*, 44(5), 31-46.
- Brandenburg, A. M., Carroll, M. S., & Blatner, K. A. (1995). Towards successful forest planning through locally based qualitative sociology. *Western Journal of Applied Forestry*, 10(3), 95-100.

- Bray, J. P. (2008). *Consumer behaviour theory: approaches and models*. Bournemouth: Bournemouth University.
- Brogowicz, A. A., Delene, L. M., & Lyth, D. M. (1990). A synthesized service quality model with managerial implications. *International Journal of Service Industry Management*, 1(1), 27-46.
- Bruner, E. (1991). Transformation of Self in Tourism. Annals of Tourism Research, 18(2), 238-50.
- Bushell, R., & Griffin, T. (2006). Monitoring visitor experiences in protected areas. Int. J. Protect. Area Manage, 16(2), 25-33.
- Butcher, K., Sparks, B., & O'Callaghan, F. (2001). Evaluative and relational influences on service loyalty. *International Journal of Service Industry Management*, 12(4), 310-327.
- Callanan, M., & Thomas, S. (2005). Volunteer tourism Deconstructing volunteer activities within a dynamic environment. Oxford: Butterworth-Heinemann.
- Carmichael, B. (2005). Understanding the wine tourism experience for winery visitors in the Niagara Region, Ontario, Canada. *Tourism Geographies*, 7(2), 185-204.
- Caruana, A. (2002). Service loyalty: The effects of service quality and the mediating role of customer satisfaction. *European journal of marketing*, 36(7/8), 811-828.
- Chan, I. I., & Kunasekaran, P. (2016). Types of Memorable Tourism Experiences at GPCC in Zoo Negara Malaysia. *Asia-Pacific Journal of Innovation in Hospitality and Tourism*, 5(3), 171-181.
- Chandralal, L., Rindfleish, J., & Valenzuela, F. (2015). An Application of Travel Blog Narratives to Explore Memorable Tourism Experiences. *Asia Pacific Journal of Tourism Research*, 20(6), 680-693.
- Chandralal, L., & Valenzuela, F. (2015). Memorable Tourism Experiences: Scale Development. *Contemporary Management Research*, 11(3), 291-310.
- Celsi, R. L., & Olson, J. C. (1988). The Role of Involvement in Attention and Comprehension Process. *Journal of Consumer Research*, 15, 210-24.
- Chen, C. F., & Chen, F. S. (2010). Experience quality, perceived value, satisfaction and behavioral intentions for heritage tourists. *Tourism management*, *31*(1), 29-35.
- Chi, C. G. Q. (2011). Destination loyalty formation and travelers' demographic characteristics: A multiple group analysis approach. *Journal of Hospitality & Tourism Research*, 35(2), 191-212.
- Chi, C. G. (2012). An Examination of Destination Loyalty: Differences between Firsttime and Repeat Visitors. *Journal of Hospitality & Tourism Research*, 36(1), 3-24.

- Chi, C. G. Q., & Qu, H. (2008). Examining the structural relationships of destination image, tourist satisfaction and destination loyalty: an integrated approach. *Tourism Management*, 29, 624-636.
- Cohen, E. (1979). A Phenomenology of Tourist Types. Sociology, 13, 179-201.
- Cohen, E., & Fennell, D. (2016). The elimination of Marius, the giraffe: humanitarian act or callous management decision?, *Tourism Recreation Research*, 1-9.
- Cong, L. C. (2016). A formative model of the relationship between destination quality, tourist satisfaction and intentional loyalty: An empirical test in Vietnam. *Journal of Hospitality and Tourism Management*, 26, 50-62.
- Cong, L., Wu, B., Morrison, A. M., Shu, H., & Wang, M. (2014). Analysis of wildlife tourism experiences with endangered species: An exploratory study of encounters with giant pandas in Chengdu, China. *Tourism Management*, 40, 300-310.
- Connell, J., & Meyer, D. (2009). Balamory revisited: An evaluation of the screen tourism destination-tourist nexus. *Tourism Management*, *30*, 194-207.
- Copeland, M.T. (1923). Relation of consumer's buying habits to marketing method. Harvard Business Review, 1, 282-289.
- Crompton, J. L., & Love, L. L. (1995). The predictive validity of alternative approaches to evaluating quality of a festival. *Journal of travel research*, 34(1), 11-24.
- Cronin, J. J., & Taylor, S. A. (1992). Measuring service quality: a re-examination and extension. *Journal of Marketing*, 56, 55–68.
- Cunningham, J. B., & McCrum-Gardner, E. (2007). Power, effect and sample size using GPower: practical issues for researchers and members of research ethics committees. *Evidence-Based Midwifery*, 5(4), 132-137.
- Cziko, G. (2000). The Things We Do: Using the Lessons of Bernard and Darwin to Understand the What, How, and Why of Our Behavior. Cambridge: MAMIT Press.
- Dabholkar, P. A., Shepard, C. D., & Thorpe, D. I. (2000). A Comprehensive Framework for Service Quality: An Investigation of Critical Conceptual and Measurement Issues Through a Longitudinal Study. *Journal of Retailing*, 76(2), 139-173.
- Dabholkar, P., & Walls, S. (1999). Service evaluation and switching behavior for experiential services: an empirical test of gender differences within a broader conceptual framework. *Journal of Consumer Satisfaction, Dissatisfaction and Complaining Behavior, 12.*

- Day, G. (1969). A Two-Dimensional Concept of Brand Loyalty. *Journal of Advertising Research*, *9*, 29-36.
- Day, G. S. (1976). A two-dimensional concept of brand loyalty. *Mathematical models in marketing, 132,* 89-89.
- Department of Statistics. (2010). *Preliminary Count Report*. Malaysia: Population and Housing Census of Malaysia 2010.
- De Ruyter, K., Wetzels, M., & Bloemer, J. (1998). On the relationship between perceived service quality, service loyalty and switching costs. *International journal of service industry management*, 9(5), 436-453.
- Dick, A. S., & Basu, K. (1994). Customer loyalty: toward an integrated conceptual framework. *Journal of the academy of marketing science*, 22(2), 99-113.
- Digance, J. (2003). Pilgrimage at contested sites. Annals of tourism research, 30(1), 143-159.
- Duffus, D. A., & Dearden, P. (1990). Non-consumptive wildlife-oriented recreation: A conceptual framework. *Biological Conservation*, 53(3), 213-231.
- Dunman, T., & Mattila, A. S. (2005). The role of affective factors on perceived cruise vacation value. *Tourism Management, 26,* 311-323.
- Dwyer, L., & Kim, C. (2003). Destination competitiveness: determinants and indicators. *Current issues in tourism*, 6(5), 369-414.
- Elands, B. H., & van Marwijk, R. (2008). Keep an eye on nature experiences: Implications for simulation and management. *Monitoring, Simulation, and Management of Visitor Landscapes*, 59-83.
- Farber, M. E., & T. E. Hall. (2007). Emotion and Environment: Visitors' Extraordinary Experiences Along the Dalton Highway in Alaska. *Journal of Leisure Research*, 39(2), 248-70.
- Fatin, R., & Ramachandran, S. (2016). Motivation to Visit the Giant Panda Conservation Centre in Zoo Negara, Malaysia. Asia-Pacific Journal of Innovation in Hospitality and Tourism, 5(3), 155-169.
- Fatt, B. S., Johnny, C., & Bakansing, S. M. (2014). Man-Made Wildlife Tourism Destination: The Visitors Perspective on Lok Kawi Wildlife Park, Sabah, Malaysia. SHS Web of Conferences, 12, 1-9.
- Faul, F., Erdfelder, E., Lang, A. G., & Buchner, A. (2007). G* Power 3: A flexible statistical power analysis program for the social, behavioral, and biomedical sciences. *Behavior research methods*, 39(2), 175-191.
- Ferguson, R. J., Paulin, M., Pigeassou, C., & Gauduchon, R. (1999). Assessing service management effectiveness in a health resort: implications of technical and

functional quality. *Managing Service Quality: An International Journal*, 9(1), 58-65.

- Fishbein, M., & Ajzen, I. (1975). Belief, attitude, intention and behavior: An introduction to research and theory. *Reading, PA: Addison-Wesley*.
- Fornell, C., & Wernerfelt, B. (1987). Defensive Marketing Strategy by Customer Complaint Management: A Theoretical Analysis. *Journal of Marketing Research*, 24(4), 337-346.
- Fourie, M., & Kruger, M. (2015). Festivalscape' factors influencing visitors' loyalty to an agri-festival in South Africa. *Acta Commercii*, 15(1), 1-11.
- Fournier, S. (1998). Consumers and their brands: Developing relationship theory in consumer research. *Journal of consumer research*, 24(4), 343-373.
- Funk, D. C., Toohey, K., & Bruun, T. (2007). International sport event participation: Prior sport involvement; destination image; and travel motives. *European Sport Management Quarterly*, 7(3), 227-248.
- Ganesh, R., & Haslinda, A. (2014). Evolution and Conceptual Development of Service Quality in Service Marketing and Customer Satisfaction. *International Review* of Management and Business Research, 3(2), 1189-1197.
- Gentile, C., Spiller, N., & Noci, G. (2007). How to Sustain the Customer Experience: An Overview of Experience Components that Cocreate Value with the Customer. *European Management Journal*, 25(5), 395–410.
- George, B. P., & George, B. P. (2004). Past visits and the intention to revisit a destination: Place attachment as the mediator and novelty seeking as the moderator. *Journal of Tourism Studies*, 15(2), 37-50.
- Giles, M., & Cairns, E. (1995). Blood donation and Ajzen's theory of planned behaviour: an examination of perceived behavioural control. *British Journal of Social Psychology*, 34(2), 173-188.
- Goldsmith, R. E., & Emmert, J. (1991). Measuring product category involvement: a multitrait-multimethod study. *Journal of Business Research*, 23(4), 363-371.
- Gremler, D., & Brown, S. (1996). Service Loyalty: Its nature, Importance, and Implications. Jamaica, NY: International Service Quality Association.
- Grigoroudis, E., & Siskos, Y. (2010). Customer Satisfaction Evaluation: Methods for Measuring and Implementing Service Quality. Greece: Springer.
- Grönroos, C. (1982). Strategic Management and Marketing in Service Sector, Marketing Science Institute. MA: Cambridge.
- Grönroos, C. (1984). Service Quality Model and its Marketing Implications. *European Journal of Marketing*, 18(4), 46-44.

- Grönroos, C. (1990). Relationship Approach to Marketing in Service Contexts: The Marketing and Organizational Behavior Interface. *Journal of Business Research, 20,* 3-11.
- Grönroos, C. (2001). The perceived Service Quality concept a mistake?. *Managing* Service Quality, 11(3), 150-152.
- Gummesson, E., & Grönroos, C. (2012). The emergence of the new service marketing: Nordic School perspectives. *International Journal of Service Industry Management*, 23(4), 479-497.
- Gursoy, D., & Gavcar, E. (2003). International leisure tourists' involvement profile. *Annals of tourism research*, *30*(4), 906-926.
- Haas, G., Driver, B., & Brown, P. (1980). *Measuring wilderness recreation experiences. Proceedings of the Wilderness Psychology Group.* Durham, New Hampshire: Wilderness Pschology Group.
- Hale, J. L., Householder, B. J., & Greene, K. L. (2002). *The theory of reasoned action*. Thousands Oaks, CA: Sage Publications.
- Hallman, B. C., & Benbow, S. M. P. (2007). Family leisure, family photography and zoos: Exploring the emotional geographies of families. Social & Cultural Geography, 8(6), 871-888.
- Hansen, A. S. (2016). Testing visitor produced pictures as a management strategy to study visitor experience qualities – A Swedish marine case study. *Journal of Outdoor Recreation and Tourism*, 14, 52-64.
- Hayes, A. F. (2012). PROCESS: A versatile computational tool for observed variable mediation, moderation, and conditional process modeling. Retrieved from http://www.afhayes.com/public/process2012.pdf.
- Haywood-Farmer, J. (1988). A Conceptual Model of Service Quality. International Journal of Operations & Production Management, 8(6), 19 29.
- Hill, T., & Lewicki, P. (2006). Statistics: Methods and Applications. US: StatSoft.
- Holbrook, M. B., & Hirschman, E. C. (1982). The experiential aspects of consumption: Consumer fantasies, feelings, and fun. *Journal of consumer research*, 9(2), 132-140.

Higginbottom, K. (2004). Wildlife tourism. Altona: Common Ground.

- Howard, E. A., Tinsley, J. A. H., Tinsley, D. J., & Holt, M. S. (1993). Attributes of Leisure and Work Experiences. *Journal of Counseling Psychology*, 40(4), 447-55.
- Hosany, S., & Witham, M., (2010). Dimensions of cruisers' experiences, satisfaction, and intention to recommend. *Journal of T ravel Research*, *49*(3), 351–364.

- Hughes, M., Newsome, D., & Macbeth, J. (2005). Visitor perceptions of captive wildlife tourism in a Western Australian natural setting. *Journal of Ecotourism*, 4(2), 73-91.
- Hull, R. B., & Michael, S. E. (1995). Nature-Based Recreation, Mood Change, and Stress Reduction. *Leisure Sciences*, 17, 1-14.
- Isaid, E. N., & Faisal, M. N. (2015). Consumers' repurchase intention towards a mobile phone brand in Qatar: An exploratory study utilizing theory of reasoned action framework. *Global Business Review*, 16(4), 594-608.
- Ishak, I. C., Rovie-Ryan, J. J., Ramli, M. N., Caiwu, L., Haidi, Y., Zainudin, A. N., et al. (2016). Effects of Preference and Nutritional Values of Local Bamboo towards Growth Performance of Captive Giant Pandas (*Ailuropoda Melanoleuca*) In Zoo Negara, Malaysia. *Journal of Sustainability Science and Management*, 11(1), 92-98.
- Jacob, G. R., & Schreyer, R. (1980). Conflict in outdoor recreation: A theoretical perspective. *Journal of leisure research*, 12(4), 368.
- Jacobsen, J. K. S. (2007). Use of Landscape Perception Methods in Tourism Studies: A Review of Photo-Based Research Approaches. Tourism Geographies. An International Journal of Tourism Space, Place and Environment, 9(3), 234– 253.
- Jacoby, J., & Chestnut, R.W. (1978). Brand Loyalty: Measurement and Management. New York: John Wiley & Sons.
- Jacoby, J., & Kyner, D. (1973). Brand Loyalty versus Repeat Purchasing Behaviour. Journal of Marketing Research, 10, 1-9.
- Jain, A. K., Pinson, C., & Malhotra, N. K. (1987). Customer loyalty as a construct in the marketing of banking services. *International Journal of Bank Marketing*, 5(3), 49-72.
- Jang, S. S., & Feng, R. (2007). Temporal destination revisit intention: The effects of novelty seeking and satisfaction. *Tourism management*, 28(2), 580-590.
- Raj G., Javalgi, R., & Moberg, C. R. (1997). Service loyalty: implications for service providers. *Journal of services marketing*, *11*(3), 165-179.
- Johannesen, A. B., & Skonhoft, A. (2005). Tourism, poaching and wildlife conservation: what can integrated conservation and development projects accomplish?. *Resource and Energy Economics*, 27(3), 208-226.
- Jones, M. A., Mothersbaugh, D. L., & Beatty, S. E. (2000). Switching barriers and repurchase intentions in services. *Journal of retailing*, *76*(2), 259-274.
- Jones, T., & Taylor, S. (2007). The Conceptual Domain of Service Loyalty: How Many Dimensions?. *Journal of Services Marketing*, 26(1), 36-51.

- Kandampully, J. (1998). Service Quality to Service Loyalty: A Relationship Which Goes Beyond Customer Services. *Total Quality Management*, 9(6), 431-443.
- Kang, G. D., & James, J. (2004). Service Quality dimensions: an examination of Gronroos' Service Quality model. *Managing Service Quality*, 14(4), 266-277.
- Kasiri, L. A., Cheng, K. T. G., Sambasivan, M., & Sidin, S. M. (2017). Integration of standardization and customization: Impact on service quality, customer satisfaction, and loyalty. *Journal of Retailing and Consumer Services*, 35, 91-97.
- Kathir. (2011, March 15). Zoos in Malaysia: List of Zoos in Malaysia. [Web log comment]. Retrieved from https://www.zoochat.com/community/threads/ zoos-in-malaysia.206066/
- Keiningham, T., & Vavra, T. (2001). *The Customer Delight Principle*. New York: McGraw-Hill
- Kerstetter, D., & Cho, M. (2004). Tourists' Information Search Behavior: The Role of Prior Knowledge and Perceived Credibility. *Annals of Tourism Research*, 31(4), 961-85.
- Keyser, A. D., & Lariviere, B. (2014). How technical and functional service quality drive consumer Happiness. *Journal of Service Management*, 25(1), 30 48.
- Kim, J. (2010). Determining the Factors Affecting the Memorable Nature of Travel Experiences. *Journal of Travel & Tourism Marketing*, 27(8), 780-796.
- Kim, J. (2014). The antecedents of memorable tourism experiences. The development of a scale to measure the destination attributes associated with memorable experiences. *Tourism Management*, 44, 34-45.
- Kim, A. K., & Brown, G. (2012). Understanding the relationships between perceived travel experiences, overall satisfaction, and destination loyalty. *Anatolia*, 23(3), 328-347.
- Kim, K., Hallab, Z., & Kim, J. N. (2012). The moderating effect of travel experience in a destination on the relationship between the destination image and the intention to revisit. *Journal of Hospitality Marketing & Management, 21,* 486-505.
- Kim, S. H., Holland, S., & Han, H. S. (2013). A structural model for examining how destination image, perceived value, and service quality affect destination loyalty: A case study of Orlando. *International Journal of Tourism Research*, 15(4), 313-328.
- Kim, J., & Ritchie, J. R. B. (2014). Cross-Cultural Validation of a Memorable Tourism Experience Scale (MTES). *Journal of Travel Research*, *53*(3), 323-335.

- Kim, J. H., Ritchie, J. R. B., & McCormick, B. (2012). Development of a scale to measure Memorable Tourism Experiences. *Journal of Travel Research*, 51(12), 12-25.
- Kim, J. H., Ritchie, J. R., & Tung, V. W. S. (2010). The effect of memorable experience on behavioral intentions in tourism: A structural equation modeling approach. *Tourism Analysis*, 15(6), 637-648.
- King, J. (2002). Destination marketing organisations Connecting the experience rather than promoting the place. *Journal of Vacation Marketing*, 8(2), 105-108.
- Kleiber, D., Larson, R., & Csikszentmihalyi, M. (1986). The experience of leisure in adolescence. *J Leisure Research*, 18(3), 169-176.
- Kuehn, A. (1962). Consumer Brand Choice-A Learning Process? Homewood: Irwin.
- Larsen, S., & Jenssen, D. (2004). The School Trip: Travelling with, Not to or from. Scandinavian Journal of Tourism Research, 4, 43-57.
- Lassar, W. M., Manolis, C., & Winsor, R. D. (2000). Service quality perspectives and satisfaction in private banking. *Journal of Services Marketing*, 14(3), 244 271.
- Lawrence, R. (1969). Patterns of Buyer Behaviour: Time for a New Approach?. Journal of Marketing Research, 6(2), 137-44.
- Lawton, L. J. (2005). Resident Perceptions of Tourist Attractions on the Gold Coast of Australia. *Journal of Travel Research*, 44, 188-200.
- Leblanc, M. (2003). Tourist characteristics and their interest in attending festivals & events: an Anglophone/Francophone case study of New Brunswick, Canada. *Event Management*, 8(4), 203-212.
- Lee, M.C. (2009). Understanding the behavioural intention to play online games: An extension of the theory of planned behaviour. *Online Information Review*, 33(5), 849–872.
- Lee, S. H. (2013). Major Moderators Influencing The Relationships Of Service Quality, Customer Satisfaction and Customer Loyalty. *Asian Social Science*, 9(2), 1-11.
- Lee, T. H., & Crompton, J. (1992). Measuring novelty seeking in tourism. Annals of tourism research, 19(4), 732-751.
- Lee, M., & Cunningham, L. F. (2001). A cost/benefit approach to understanding service loyalty. *Journal of services Marketing*, 15(2), 113-130.
- Lee, J., Graefe, A. R., & Burns, R. C. (2007). Examining the antecedents of destination loyalty in a forest setting. *Leisure Sciences*, 29, 463–481.

- Lee, J., Graefe, A. R., & Burns, R. C. (2004). Service quality, satisfaction, and behavioral intention among forest visitors. *Journal of Travel & Tourism Marketing*, 17(1), 73-82.
- Lee, S.Y., Petrick, J. F., & Crompton, J. (2007). The roles of quality and intermediary constructs in determining festival attendees' behavioural intention. *Journal of Travel Research*, 45(4), 402–412.
- Lee, H. M., & Smith, S. L. J. (2015). A Visitor Experience Scale: Historic Sites and Museums. Journal of China Tourism Research, 11(3), 255-277.
- Lehtinen, U., & Lehtinen, J. R. (1991). Two approaches to service quality dimensions. *Service Industries Journal*, 11(3), 287-303.
- Li, X., Petrick, J. F., & Zhou, Y. (2008) Towards a Conceptual Framework of Tourists' Destination Knowledge and Loyalty. *Journal of Quality Assurance in Hospitality & Tourism*, 8(3), 79-96.
- Lovelock, J. (2010). The vanishing face of Gaia: A final warning. Basic Books (AZ).
- MacCannell, D. (1989). *The Tourist: A New Theory of the Leisure Class*. New York: Schocken Books.
- MacKinnon, D. P., Lockwood, C. M., & Williams, J. (2004). Confidence limits for the indirect effect: Distribution of the product and resampling methods. *Multivariate behavioral research*, 39(1), 99-128.
- Manfredo, M. J., Driver, B. L., & Brown, P. J. (1983). A test of concepts inherent in experience based setting management for outdoor recreation areas. *Journal of leisure research*, 15(3), 263.
- Mannell, R. C., & Iso-Ahola, S. E. (1987). Psychological nature of leisure and tourism experience. *Annals of tourism research*, 14(3), 314-331.
- Mannell, R., & Kleiber, D. (1997). *A social psychology of leisure*. PA: Venture Publishing.
- Manning, R. E. (2011). Studies in outdoor recreation: search and research for satisfaction (3rd ed.). Corvallis: Oregon State University Press.
- Marion, J. L., & Reid, S. E. (2007). Minimising visitor impacts to protected areas: The efficacy of low impact education programmes. *Journal of sustainable tourism*, 15(1), 5-27.
- Mason, P. (2000). Zoo Tourism: The Need for More Research. *Journal of Sustainable Tourism*, 8(4), 333-339.
- Mathisen, L. (2012). The Exploration of the Memorable Tourist Experience. *Advances in Hospitality and Leisure*, *8*, 21-41.

- McConnell, D. (1968). Repeat-Purchase Estimation and the Linear Learning Model. *Journal of Marketing Research*, 5(3), 304-306.
- McIntyre, N., & Pigram, J. J. (1992). Recreation specialization reexamined: The case of vehicle-based campers. *Leisure Sciences*, 14(1), 3-15.
- Mechinda, P., Serirat, S., & Gulid, N. (2009). An examination of tourists' attitudinal and behavioral loyalty: Comparison between domestic and international tourists. *Journal of vacation marketing*, *15*(2), 129-148.
- Meleddu, M., Paci, R., & Pulina, M. (2015). Repeated behaviour and destination loyalty. *Tourism Management*, 50, 159-171.
- Mels, G., Boshoff, C., & Deon, N. (1997). The dimensions of service quality: the original European perspective revisited. *The Service Industries Journal*, 17, 173-89.
- Mitra, A., & Lynch, J. (1995). Toward a reconciliation of market power and information theories of advertising effects on price elasticity. *Journal of Consumer Research*, 21(4), 644-60.
- Mohd Nor, N. (2012). Writing Research and Thesis Proposal: guidelines and examples. Shah Alam: Penerbit Press UITM.
- Moital, M. L. (2007). An Evaluation of the factors influencing the adoption of ecommerce in the purchasing of leisure travel by the residents of Cascais, Portugal. *In*: Bournemouth University.
- Monroe, K. B., & Guiltinan, J. P. (1975). A path-analytic exploration of retail patronage influences. *Journal of Consumer research*, 2(1), 19-28.
- Morgan, M., & Xu, F. (2009). Student travel experiences: Memories and dreams. *Journal of Hospitality Marketing & Management*, 18(2-3), 216-236.
- Murray, N., Foley, A., & Lynch, P. (2010). Understanding the tourist experience concept. Internet source: http://repository. wit. ie/1543/1/F% C3% 81ILTE_GO_SL%C3%81INTE_UNDERSTANDING_THE_TOURIST_EXPE RIENCE_CONCEPT. pdf Consulted on, 5, 2012.
- Mykletun, R. J., Crotts, J. C., & Mykletun, A. (2001). Positioning an island destination in the peripheral area of the Baltics: a flexible approach to market segmentation. *Tourism Management*, 22(5), 493-500.
- Newsome, D., Dowling, R. K., & Moore, S. A. (2005). *Wildlife tourism* (Vol. 24). Channel View Publications.
- Newsome, D., & Hughes, M. (2016). Understanding the impacts of ecotourism on biodiversity: a multiscale, cumulative issue influenced by perceptions and politics, in D. Geneletti (ed.), Handbook on biodiversity and ecosystem

services in impact assessment (pp. 276-298). Cheltenham, UK: Edward Elgar Publishing.

- Newsome, D., Rodger, K., Pearce, J., & Chan, K. L. J. (2017). Visitor satisfaction with a key wildlife tourism destination within the context of a damaged landscape. *Current Issues in Tourism, 1,* 1-18. Doi: 10.1080/13683500.2017.1312685
- Normann, R. (1991). Service Management–Strategy and Leadership in Service Business, 2. Aufl., Chichester ua.
- Noy, C. (2004). This trip really changed me: Backpackers' narratives of self change. *Annals of Tourism Research*, 31(1), 78-102.
- Nunnally, J. C. (1978). Psychometric theory (2nd ed.). New York: McGraw-Hill.
- Nuraishah, M. B., & Siow, M. L. (2016). Performance of Services and Facilities in Zoo Negara, Malaysia. *Asia-Pacific Journal of Innovation in Hospitality and Tourism, 5*(3), 135-154.
- Nurul Afifah, N., & Siow, M. L. (2016). Awareness of Domestic Visitors towards Giant Panda Conservation Programme in Zoo Negara, Malaysia. Asia-Pacific Journal of Innovation in Hospitality and Tourism, 5(3), 89-106.
- O'hara, K., Kindberg, T., Glancy, M., Baptista, L., Sukumaran, B., Kahana, G., & Rowbotham, J. (2007). Collecting and Sharing Location-based Content on mobile phones in a zoo visitor experience. *Computer Supported Cooperative Work, 16,* 11-44.
- Oh, H., Fiore, A. M., & Jeong, M. (2007). Measuring Experience Economy Concepts: Tourism Applications. *Journal of Travel Research*, *46*, 119-32.
- Oh, H., Parks, S. J., & DeMicco, F. J. (2002). Age and gender based market segmentation: A structural understanding. *International Journal of Hospitality* and Tourism Administration, 3, 1-21.
- Oliver, R. L. (1980). A cognitive model of the antecedents and consequences of satisfaction decisions. *Journal of Marketing Research*, 17(4), 460-469.
- Oliver, R. L. (1999). Whence consumer loyalty?. Journal of Marketing, 63, 33-44.
- Ooi, C. S. (2003). Identities, museums, and tourism in Singapore: Think regionally, act locally. *Indonesia and the Malay world*, *31*(89), 80-90.
- Oppermann, M. (2000). Tourism destination loyalty. *Journal of Travel Research, 39,* 78-84.
- Ostrowski, P. L., O'Brien, T. V., & Gordon, G. L. (1993). Service quality and customer loyalty in the commercial airline industry. *Journal of travel research*, *32*(2), 16-24.

- Otto, J. E., & Ritchie, J. R. B. (1996). The Service Experience in Tourism. *Tourism Management*, 17(3), 165-74.
- Packer, J., & Ballantyne, R. (2012). Comparing captive and non-captive wildlife tourism. *Annals of tourism research*, 39(2), 1242-1245.
- Parasuraman, A., Zeithaml, V.A., & Berry, L.L. (1985). A conceptual model of service quality and its implications for future research. *Journal of Marketing*, 49, 41-50.
- Parasuraman, A., Zeithaml, V.A., & Berry, L.L. (1988). SERVQUAL: a multiple item scale for measuring customer perceptions of service quality. *Journal of Retailing*, 64, 12-40.
- Park, J., & Hastak, M. (1994). Memory-Based Product Judgments: Effects of Involvement at Encoding and Retrieval. *Journal of Consumer Research*, 21, 534-47.
- Patterson, P. G., & Ward, T. (2000). Relationship marketing and management. *Handbook of services marketing and management*, 317-342.
- Pearce, P. L., & Lee, U. I. (2005). Developing the travel career approach to tourist motivation. *Journal of travel research*, 43(3), 226-237.
- Petrick, J. F., & Backman, S. J. (2002). An examination of the determinants of golf travelers' satisfaction. *Journal of Travel Research*, 40(3), 252-258.
- Pine, B. J., & Gilmore, J. H. (1998). *Welcome to the experience economy*. Boston, MA: Harvard Business.
- Preacher, K. J., & Hayes, A. F. (2004). SPSS and SAS procedures for estimating indirect effects in simple mediation models. *Behavior research methods*, 36(4), 717-731.
- Preacher, K. J., & Hayes, A. F. (2008). Assessing mediation in communication research. The Sage sourcebook of advanced data analysis methods for communication research, 13-54.
- Priskin, J., & McCool, S. F. (2006). The visitor experience: An essential component of protected area stewardship. *Int. J. Prot. Area Manage*, *16*(2), 1-2.
- Pritchard, M. P., & Howard, D. R. (1997). The loyal traveler: Examining a typology of service patronage. *Journal of Travel Research*, 35(4), 2–10.
- Poria, Y., Reichel, A., & Brian, A. (2006). Heritage Site Management: Motivations and Expectations. *Annals of Tourism Research*, 33(1), 162-78.
- Quadri-Felitti, D., & Fiore, A. M. (2013). Destination loyalty: Effects of wine tourists' experiences, memories, and satisfaction on intentions. *Tourism and Hospitality Research*, 0(0), 1–16.

- Rahman, M. S., Khan, A. H., & Haque, M. M. (2012). A Conceptual Study on the Relationship between Service Quality towards Customer Satisfaction: Servqual and Gronroos's Service Quality Model Perspective. Asian Social Science, 8(13), 201-210.
- Rajaratnam, S. D., Munikrishnan, U. T., Sharif, S. P., & Nair, V. (2014). Service quality and previous experience as a moderator in determining tourists' satisfaction with rural tourism destinations in Malaysia: A partial least squares approach *Procedia -Social and Behavioral Sciences*, 144, 203-211.
- Raju, P., & Reilly, M. (1979). Product Familiarity and Information-Processing Strategies: An Exploratory Investigation. *Journal of Business Research*, 8, 187-212.
- Rauyruen, P., & Miller, K. (2007). Relationships Quality as a Predictor of B2B Customer Loyalty. *Journal of Business Research*, 60, 21-31.
- Reade, L. S., & Waran, N. K. (1996). The modern zoo: How do people perceive zoo animals?. *Applied Animal Behaviour Science*, 47, 109-118.
- Reichheld, F. F. (1993). Loyalty-Based Management. *Harvard Business Review*, 71, 64-73.
- Reichheld, F. F., & Sasser, W. E. (1990). Zero Defections: Quality Comes to Services. *Harvard Business Review*, September-October 1990 issue. Retrieved from https://hbr.org/1990/09/zero-defections-quality-comes-to-services
- Reynolds, K. E., & Beatty, S. E. (1999). A relationship customer typology. *Journal of retailing*, 75(4), 509-523.
- Reynolds, P. C., & Braithwaite, D. (2001). Towards a conceptual framework for wildlife tourism. *Tourism Management*, 22, 31-42.
- Reynolds, K. E., & Arnold, M. J. (2000). Customer loyalty to the salesperson and the store: Examining relationship customers in an upscale retail context. *Journal of personal selling & sales management*, 20(2), 89-98.
- Richards, G. (2002). Tourism attraction systems: exploring cultural behavior. *Annals of Tourism Research*, 29(4), 1048-1064.
- Ritchie, J. R. B., & Crouch, G. I. (2003). *The competitive destination: A sustainable tourism perspective*. Wallingford, UK: CABI.
- Ritchie, J. R. B., & Hudson, S. (2009). Understanding and Meeting the Challenges of Consumer / Tourist Experience Research. *International Journal of Tourism Research*, 11, 111–126.
- Robinson, M., & Novelli, M. (2005). Niche tourism: an introduction. *Niche tourism: Contemporary issues, trends and cases*, 1-11.

- Rodger, K., & Moore, S. A. (2004). Bringing science to wildlife tourism: the influence of managers' and scientists' perceptions. *Journal of Ecotourism*, *3*(1), 1-19.
- Rodger, K., Moore, S. A., & Newsome, D. (2007). Wildlife tours in Australia: Characteristics, the place of science and sustainable futures. *Journal of Sustainable Tourism*, 15(2), 160-179.
- Rodger, K., Taplin, R. H., & Moore, S. A. (2015). Using a randomised experiment to test the causal effect of service quality on visitor satisfaction and loyalty in a remote national park. *Tourism Management*, 50, 172-183.
- Ryan, C. (2000). Tourist experiences, phenomenographic analysis, post-postivism and neural network software. *The International Journal of Tourism Research*, 2(2), 119.
- Ryan, C., & Saward, J. (2004). The Zoo as Ecotourism Attraction Visitor Reactions, Perceptions and Management Implications: The Case of Hamilton Zoo, New Zealand. *Journal of Sustainable Tourism*, 12(3), 245-266.
- Samdahl, D. M. (1991). Issues in the Measurement of Leisure: A Comparison of Theoretical and Connotative Meanings. *Leisure Sciences*, 13, 33-50.
- Sanbomatsu, D. M., & Fazio, R. H. (1990). The Role of Attitudes in Memory-Based Decision Making. *Journal of Personality and Social Psychology*, *59*, 614-22.
- Sawe, B. E. (2017, April 25). Ethnic Groups of Malaysia. [Web log comment]. Retrieved from http://www.worldatlas.com/articles/ethnic-groups-of-malaysia.html
- Schiffman, L. G., & Kanuk, L. L. (1997). *Consumer Behavior* (6th ed.). Englewood Cliffs, NJ: Prentice Hall
- Schiffman, L. G., & Kanuk, L. L. (2007). Consumer Behavior. Its Origins and Strategic Applications. *Consumer Behavior. 9th Edition. Upper Saddle River: Pearson Education Inc*, 2-4.
- Segoro, W. (2013). The Influence of Perceived Service Quality, Mooring Factor, and Relationship Quality on Customer Satisfaction and Loyalty. *Procedia - Social and Behavioral Sciences*, *81*, 306-310.
- Semeniuk, C. A., Haider, W., Cooper, A., & Rothley, K. D. (2010). A linked model of animal ecology and human behavior for the management of wildlife tourism. *Ecological Modelling*, 221(22), 2699-2713.
- Sharpley, R., & Sundaram, P. (2005). Tourism: A Sacred Journey? The Case of Ashram Tourism, India. *International Journal of Tourism Research*, 7(3), 161-71.
- Shaw, D., Shiu, E., & Clarke, I. (2000). The contribution of ethical obligation and selfidentity to the theory of planned behaviour: An exploration of ethical consumers. *Journal of marketing management*, 16(8), 879-894.

- Sherif, C., Sherif, M., & Nevergall, R. (1965). *Attitude and Attitude Change: The Social Judgment-Involvement Approach*. Westport, Connecticut: Greenwood Press.
- Silvestri, C., Aquilani, B., & Ruggieri, A. (2017). Service quality and customer satisfaction in thermal tourism. *The TQM Journal*, 29(1), 55-81.
- Sipe, L. J., & Testa, M. R. (2017). From Satisfied to Memorable: an Empirical Study of Service and Experience Dimensions on Guest Outcomes in the Hospitality Industry. *Journal of Hospitality Marketing & Management*, DOI: 10.1080/19368623.2017.1306820
- Smith, V. L., & Eadington, W. R. (Eds.). (1992). *Tourism alternatives: Potentials and problems in the development of tourism*. University of Pennsylvania Press.
- Snyder, D. R. (1986). Service loyalty and its measurement: a preliminary investigation. Chicago, IL: AMA.
- Solomon, M. R., Bamossy, G., Askegaard, S., & Hogg, M. K. (2006). Customer behavior, A European Perspective. New Jersey: Prentice Hall.
- Sthapit, E. (2013). Tourists' perceptions of memorable experiences: testing the Memorable Tourism Experience scale (MTEs) among tourists to Rovaniemi, Lapland (Master's thesis, University of Lapland).
- Sthapit, E., & Coudounaris, D. N. (2017). Memorable tourism experiences: antecedents and outcomes. *Scandinavian Journal of Hospitality and Tourism*, 18 (1), 1-23.
- Stigler, G. J. (1950). The development of utility theory. I. Journal of Political *Economy*, 58(4), 307-327.
- Stokes, D., & Lomax, W. (2002). Taking control of word of mouth marketing: the case of an entrepreneurial hotelier. *Journal of small business and enterprise development*, 9(4), 349-357.
- Swinyard, W. R. (1993). The Effects of Mood, Involvement, and Quality of Store Experience on Shopping Intentions. *Journal of Consumer Research*, 20, 271-80.
- Tapper, R. (2006). Wildlife watching and tourism: a study on the benefits and risks of a fast growing tourism activity and its impacts on species. UNEP/Earthprint.
- Thomas, O. J., & Earl, W. J. S. (1995). *Why Satisfied Customers Defect*. Brighton, MA: Harvard Business Review.
- Thoo, P. Y., & Shazali, J. (2016). Visitors' satisfaction towards facilities of the Giant Panda Conservation Centre, Zoo Negara Malaysia: An exploratory analysis. *Asia-Pacific Journal of Innovation in Hospitality and Tourism*, 5(3), 71-88.

- Tian-Cole, S., & Crompton, J. L. (2003). A conceptualization of the relationships between service quality and visitor satisfaction, and their links to destination selection. *Leisure Studies, 22,* 65-80.
- Tomas, S., Scott, D., & Crompton, J. (2002). An investigation of the relationships between quality of service performance, benefits sought, satisfaction and future intention to visit among visitors to a zoo. *Managing Leisure*, 7(4), 239-250.
- Tongco, C., & Dolores, M. (2007). Purposive Sampling as a Tool for Informant Selection. *A Journal of Plants, People, and Applied Research, 5,* 147-158.
- Tosun, C., Dedeoğlu, B. B., & Fyall, A. (2015). Destination service quality, affective image and revisit intention: The moderating role of past experience. *Journal of Destination Marketing & Management*, 4(4), 222-234.
- *Tourism Malaysia.* N. d. Retrieved June 18 2017 from http://mytourismdata.tourism.gov.my/
- Trauer, B., & Ryan, C. (2005). Destination image, romance and place experience—an application of intimacy theory in tourism. *Tourism Management*, 26(4), 481-491.
- Trochim, W., & Donnelly, J. (2006). The research knowledge methods base. *Cincinnati, OH: Atomic Dog Publishing*.
- Tse, D. K., & Wilton, P. C. (1988). Models of Consumer Satisfaction: An Extension. Journal of Marketing Research, 25, 204-212.
- Tsiotsou, R. H., & Goldsmith, R. E. (2012). *Strategic marketing in tourism services*. Emerald Group Publishing.
- Tucker, W. T. (1964). The Development of Brand Loyalty. Journal of Marketing Research, 1(3), 32-35.
- Tung, V. W. S., & Ritchie, J. R. B. (2011). Exploring the Essence of Memorable Tourism Experiences. Annals of Tourism Research, 38(4), 1367-1386.
- Turley, S. K. (2001). Children and the demand for recreational experiences: The case of zoos. *Leisure Studies*, 20(1), 1-18.
- UNWTO Tourism Highlights (2017). World Tourism Organization: Madrid, Spain.
- Uriely, N. (2005). The tourist experience: Conceptual developments. *Annals of Tourism research*, 32(1), 199-216.
- Uysal, M., Perdue, R., & Sirgy, M. J. (Eds.). (2012). Handbook of tourism and qualityof-life research: Enhancing the lives of tourists and residents of host communities. Springer Science & Business Media.

- Velazquez, B. M., Saura, I. G., & Molina, M. E. R. (2011). Conceptualizing and measuring loyalty: Towards a conceptual model of tourist loyalty antecedents. *Journal of Vacation Marketing*, 17(1), 65-81.
- Wan Ainnur, B. W. M., & Kunasekaran, P. (2016). Wildlife Value Orientations towards Giant Panda Conservation Centre (GPCC) at Zoo Negara, Malaysia. *Asia-Pacific Journal of Innovation in Hospitality and Tourism*, 5(3), 123-134.
- Wang, C. (2016). University Students' Travel Motivation, Memorable Tourism Experience and Destination Loyalty for Spring Break Vacation (Unpublished doctoral dissertation). Auburn University, Alabama, US.
- Wang, Y. (2017). Expectation, Service Quality, Satisfaction, and Behavioral Intention
 Evidence from Taiwan's Medical Tourism Industry. Advances in Management & Applied Economics, 7(1), 1-16.
- Weaver, D. B. (2005). Comprehensive and minimalist dimensions of ecotourism. *Annals of tourism research*, 32(2), 439-455.
- Weiler, B., & Hall, C. M. (1992). Special interest tourism. London: Belhaven Press.
- Williams, A. (2006). Tourism and hospitality marketing: Fantasy, feeling and fun. International Journal Contemporary Hospitality Management, 18(6), 482-495.
- Wilson, E., & Harris, C. (2006). Meaningful travel: Women, independent travel and the search for self and meaning. *Turizam: Znanstveno-strucni Casopis*, 54(2), 161-172.
- Wirtz, D., Kruger, J., Scollon, C. N., & Diener, E. (2003). What To Do on Spring Break? The Role of Predicted, On-line, and Remembered Experience in Future Choice. *Psychological Science*, 14, 520-24.
- Wittink, D. R. (1988). The application of regression analysis. London.
- Woods, B. (2002). Good zoo/bad zoo: Visitor experiences in captive settings. Anthrozoös, 15(4), 343-360.
- Woodside, A., & Lysonski, S. (1989). A General Model of Traveler Destination Choice. *Journal of Travel Research*, 27, 8-14.
- WTO, World Tourism Organization. (1992). Guideline: Protection of National Parks and Protected Area for Tourism. Madrid.
- World Tourism Organization (2008). 2008 International recommendations for tourism statistics. Madrid: World Tourism Organization.
- World Wildlife Fund's All Time Top 10 Species to See. N. d. Retrieved March 18 2016 from http://wwf.panda.org/about_our_earth/teacher_resources/best_place _species/alltime_top10/

- Wray, K., Harbrow, M., & Kazmierow, B. (2005). Planning for visitor management at Mason Bay (Rakiura National Park, Stewart Island). Wellington: Science & Technical Publishing, Department of Conservation.
- Wu, C. (2016). Destination loyalty modeling of the global tourism. *Journal of Business Research*, 69(6), 2213-2219.
- Wu, P. (2017). Make a loyal visitor: a study of leisure experience at Farglory corporate museum in Taiwan. Asia Pacific Journal of Tourism Research, 22(5), 554-564.
- Yoon, Y., & Uysal, M. (2005). An examination of the effects of motivation and satisfaction on destination loyalty: A structural model. *Tourism Management*, 26(1), 45–56.
- Zaibaf, M., Taherikia, F., & Fakharian, M. (2013). Effect of Perceived Service Quality on Customer Satisfaction in Hospitality Industry: Gronroos' Service Quality Model Development. *Journal of Hospitality Marketing & Management, 22*(5), 490-504.
- Zeithaml, V. A., Berry, L., & Parasuraman, A. (1996). The Behavioural Consequences of Service Quality. *Journal of Marketing*, *60*, 31-46.
- Zinkhan, G. M., & Hirschheim, R. (1992). Truth in marketing theory and research: an alternative perspective. *The Journal of Marketing*, 80-88.

