

**RURAL TOURISM DEVELOPMENT AND
POVERTY ALLEVIATION:
SABARAGAMUWA PROVINCE
IN SRI LANKA**

K.M.L.M. MANJULA GUNARATHNA



**UNIVERSITI MALAYSIA SABAH
UNIVERSITI MALAYSIA SABAH**

**FACULTY OF BUSINESS, ECONOMICS AND
ACCOUNTANCY
UNIVERSITI MALAYSIA SABAH
2015**

**RURAL TOURISM DEVELOPMENT AND
POVERTY ALLEVIATION:
SABARAGAMUWA PROVINCE IN SRI LANKA**

K.M.L.M. MANJULA GUNARATHNA



**THIS THESIS SUBMITTED IN FULFILLMENT FOR
THE DEGREE OF DOCTOR OF PHILOSOPHY**

**FACULTY OF BUSINESS, ECONOMICS AND
ACCOUNTANCY
UNIVERSITI MALAYSIA SABAH
2015**

UNIVERSITI MALAYSIA SABAH

BORANG PENGESAHAN STATUS TESIS

JUDUL: RURAL TOURISM DEVELOPMENT AND POVERTY ALLIVIATION:
SABARAGAMUWA PROVINCE IN SRI LANKA

IJAZAH: DOCTOR OF PHILOSOPHY


Saya K. M. L. M. MANJULA GUNARATHNA, Sesi Pengajian 2011-2014, mengaku membenarkan tesis Sarjana ini disimpan di Perpustakaan Universiti Malaysia Sabah dengan syarat-syarat kegunaan seperti berikut:-

1. Thesis ini adalah hak milik Universiti Malaysia Sabah.
2. Perpustakaan Universiti Malaysia Sabah dibenarkan membuat salinan untuk tujuan pengajian sahaja.
3. Perpustakaan dibenarkan membuat salinan tesis ini sebagai bahan pertukaran antara institusi pengajian tinggi.
4. Sila tandakan (/)


SULIT (Mengandungi maklumat yang berdarjah keselamatan atau kepentingan Malaysia seperti yang termaktub di dalam AKTA RAHSIA RASMI 1972)

TERHAD (Mengandungi maklumat TERHAD yang telah ditentukan oleh organisasi/badan di mana penyelidikan dijalankan)

TIDAK TERHAD


.....
(Tandatangan Penulis)

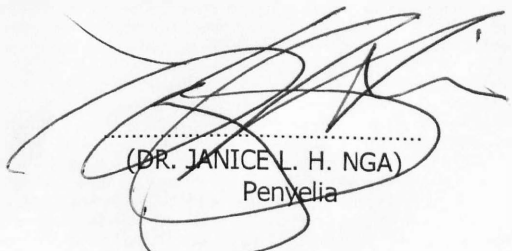
Disahkan oleh,


.....
(Tandatangan Pustakawan)

NURULAIN BINTI ISMAIL
LIBRARIAN
UNIVERSITI MALAYSIA SABAH

Alamat Tetap:

Tarikh: 27 February 2015


.....
(DR. JANICE L. H. NGA)
Penyelia

CERTIFICATION

NAME : **KONARA MUDIYANSELAGE LEEL MANOJ MANJULA
GUNARATHNA**

MATRIC NO : **PE 20109076**

TITLE : **RURAL TOURISM DEVELOPMENT AND POVERTY
ALLEVIATION: SABARAGAMUWA PROVINCE IN SRI LANKA**

DEGREE : **DOCTOR OF PHILOSOPHY
(TOURISM)**

VIVA DATE : **04 SEPTEMBER 2014**



UMS
UNIVERSITI MALAYSIA SABAH
DECLARED BY

Signature

1. SUPERVISOR

Dr. Janice L.H. Nga

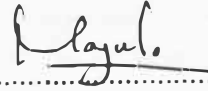
2. CO-SUPERVISOR

Associate Professor Dr. Jennifer Chan Kim Lian

DECLARATION

I hereby declare that the material in this thesis is my own except for quotations, excerpts, equations, summaries and references which have been duly acknowledged.

24th February, 2015



.....
K.M.L.M. Manjula Gunarathna
PE 20109076



UMS
UNIVERSITI MALAYSIA SABAH

ACKNOWLEDGEMENTS

This thesis of rural tourism development and poverty alleviation: Sabaragamuwa Province in Sri Lanka represents not only my work at the keyboard; it is a benchmark in three years full time PhD journey at Universiti Malaysia Sabah (UMS). My supervisors' amazing knowledge and experiences directly contributed to the completion of this thesis. I want to sincerely and graciously express my thanks to so many distinguished people that were involved directly or indirectly to the success of my PhD.

First of all, I wish to express my deepest gratitude to both of my supervisors. They have provided enough guidance and assistance towards my research since early 2011. Moreover they dedicated their valuable time for me. I am most grateful to have learned and gained so much from my supervisors, Dr. Janice L. H. Nga and Associate Professor Dr. Jennifer K. L. Chan. Their knowledge and consistent commitment in guiding me through this PhD process are much appreciated.

Many thanks to Professor Sunanda Madduma Bandara, the Vice Chancellor, University of Kelaniya; Professor A. H. M. Abayarathna, the Dean, Faculty of Social Sciences; Professor Upali Hettiarachchi, Senior Lecturer, Department of Economics; Dr. W. M. Semasinghe, Senior Lecturer, Department of Economics; Mr. Osantha Thalpapwila, Senior Lecturer, Department of Economics; Ms. Dilma Koggalage, Senior Lecturer, Department of History. I would like to thank Dr Chaminda, Ms. Seetha, Ms. Prasansa, Mr. Buddika, Mr. Namal, Ms. Sandya, Mr. Mudalige, Mr. Nilantha, Mr. Chathuranga, Ms. Chamila, Ms. Sajee, Mr. Dimuth and all academic staffs of the Faculty of Social Sciences. Many Thanks to Ms. Shirani, Ms. Ruwani, Mr. Stanly and all supporting staffs of the University of Kelaniya.

I would like to thank the proposal defense examination committee and pre-viva examination committee of the Faculty of Business, Economics and Accountancy. The committees guided me through their significant commitment. Many thanks to Dr. Caroline Geetha A/P Arokidasan, Chairperson of proposal defense examination committee; Dr. Noor Fzlinda Febeil, Chairperson of pre-viva examination committee; Associate Professor Dr. Remali Yousoff, examiner of proposal defense examination committee and pre-viva examination committee and Deputy Dean; Dr. Awangku Hassanal Bahar Pengiran Bagul, examiner of proposal defense examination committee and pre-viva examination committee; Dr. James Mohd Alin, examiner of proposal defense examination committee.

I would like to thank the Universiti Malaysia Sabah and the Faculty of Business, Economics and Accountancy. Many thanks to Associate Professor Dr. Hjh. Arsiyah Bahron, the Dean; Dr. Mohd Rahimie Abd Karim, the Deputy Dean, Student Affairs and Postgraduate; Dr. Raman Noordin, Former Deputy Dean, Student Affairs and all academic staffs of Faculty of Business Economics and Accountancy. I would like to thank Mr. Ruby Salam Abd Latip; Ms. Siti Nur Fatimah J Abdullah and all supporting staffs of the Faculty of Business, Economics and Accountancy.

I would like to thank all academics and supporting staffs of the Center of Post Graduate Studies (CPS), UMS. Many thanks to Professor Datin Dr. Mariam Abd. Latip, the Dean of the CPS. I would like to thank Mr. Faddili bin Kasin.

I wish to express my gratitude to Associate Professor Datuk Dr. Hj. Kasim B. Hj. Md. Mansur and the staff for providing me KF hostel facilities during my terms as PhD student.

I would like to thank the staff of international office, UMS for their kind administrative support.

I would like to thank the organizing and scientific committees of the conferences, editors of the journals and the reviewers. The conferences and journals provided good platform for me to discuss new findings and absorb new researches regarding rural tourism. The reviewers guided me through their constructive comments. Many thanks to the organizing and scientific committees of 3rd RCTR, Universiti Sains Malaysia; International Conference on Rural Tourism, University of Aveiro, Portugal and International Conference of Social Sciences, University of Kelaniya, Sri Lanka. I wish to express my thanks to Dr. Ku Azam Tuan Lonik, Head of scientific committee and editor; Dr. Shardy Abdullah, Chair of the session; Dr. Gary Genosko, Chief Editor of International Journal of Education and Research (IJER), Australia and Associate Professor Belinda V. de Castro, Managing Editor of Asian Journal of Tourism and Hospitality Research (AJTHR), Philippine.

I would like to thank Ken, Saizal, Charial, Gu, Umar and all my friends of Faculty of Business Economics and Accountancy for sharing their knowledge, culture, language and friendship with me.

I must also thank all the kind support throughout my Malaysian PhD journey especially to those who encouraged me in my study and research process directly and indirectly. In particular, I must thank all staffs of NCAS in Sri Lanka. I would like to record my greatest appreciation to all the interviewees and respondents that had contributed their significant ideas in the study. Thank you for showing interest and the willingness to advice in my study. Without that this study is not possible to be completed.

Last but not least, I would like to express my deepest appreciation to my family and my friends for their support and encouraging words so that made me persistent in pursuing my study. Many thanks to my little daughter Akashi and my wife Janaki.

ABSTRACT

This study examined rural tourism development and poverty alleviation: Sabaragamuwa province in Sri Lanka. It employed mixed method approach. Secondary data were gathered from reputable institutions including Sri Lanka Tourism Development Authority, Central Bank of Sri Lanka, Department of Census and Statistics in Sri Lanka since 1977. Primary data were collected from field survey of Sabaragamuwa province in Sri Lanka using observations, questionnaires and interviews. Primary data represented qualitative and quantitative. Simultaneous and sequential mixing methods were used to integrate both types of data. Based on the cumulative and cyclical inter-dependence theory and literature review, dependent and independent variables were recognized. In that, six hypotheses were tested. The study was designed on a research problem reviewing two main postulations that (1) prevalence of poverty can be alleviated via rural tourism development in Sri Lanka and; (2) rural tourism can be developed in Sri Lanka in its existing tourism system. In that, the study scrutinized the existing relationship between tourism development and poverty alleviation, key factors, existing obstacles and specific determinates regarding rural tourism development and poverty alleviation in Sri Lanka as reflected in its specific objectives and sub-research questions. The study found two main reasons for lack of correlation between rural tourism development and poverty alleviation in Sabaragamuwa, Sri Lanka. They are (1) shortage of available rural resources utilisation and (2) lack of rural community participation. It is also found that, seasonality, war effects, barriers, lack of **combing** programme had caused above mentioned relationship. The study concluded that existing tourism system in Sri Lanka links with a deficiency of **community** based approach (DCBA). Also, the study found that there is a significant relationship between community and assets. It means that lack of community participation had resulted in the lack of resources utilisation. The study opined that ABCD model makes a useful path between rural tourism development poverty alleviation in Sri Lanka. The findings, conclusions and suggestions exhort policy makers, researchers and community to make a platform for the advocacy of rural tourism as a viable instrument of poverty alleviation in Sri Lanka. It is important to highlight the role of rural tourism as an economic activity that is capable of alleviating poverty and stimulate the economy of Sri Lanka.

Key Words: Rural Tourism Development, Poverty Alleviation, Economic Development

ABSTRAK

PEMBANGUNAN PELANCONGAN LUAR BANDAR DAN PEMBASMIAN KEMISKINAN: DI SABARAGAMUWA, SRI LANKA

Kajian ini menyelidik pembangunan pelancongan luar bandar dan pembasmian kemiskinan di Sbarahamuwa, Sri Lanka dengan menggunakan pendekatan kaedah penyelidikan campuran. Data sekunder sejak tahun 1977 dikumpul daripada institusi-institusi yang bereputasi seperti Penguatkuasa Pembangunan Pelancongan Sri Lanka (Sri Lanka Tourism Authority), Bank Pusat Sri Lanka (Central Bank of Sri Lanka), Jabatan Banci dan Statistik Sri Lanka (Department of Census and Statistics in Sri Lanka). Data primer dikumpul daripada daerah Sabaragamuwa di Sri Lanka melalui kerja lapangan secara pemerhatian, soal selidik dan temu bual. Data primer merangkumi data kualitatif dan data kuantitatif. Kaedah penyelidikan campuran serentak dan berurutan telah diaplikasikan untuk mengintegrasikan kedua-dua bentuk data. Pembolehubah bersandar dan pembolehubah bebas dikenalpasti berdasarkan teori saling-kebergantungan kitaran dan kumulatif. Sebanyak enam hipotesis diuji untuk tujuan kajian ini. Reka bentuk kajian adalah berdasarkan permasalahan kajian yang berkisar di antara dua dalil utama, iaitu (1) kejadian kemiskinan dapat diatasi melalui pembangunan pelancongan luar bandar di Sri Lanka; dan (2) pelancongan luar bandar dapat dibangunkan di Sri Lanka melalui system pelancongan sedia ada. Justeru, kajian ini menyelidik hubungan sedia ada di antara pembangunan pelancongan dan pembasmian kemiskinan, faktor-faktor utama, halangan-halangan yang berkemungkinan dan penentu-penentu spesifik yang berkaitan dengan pembangunan pelancongan luar bandar dan pembasmian kemiskinan di Sri Lanka berdasarkan objektif khusus dan pecahan persoalan penyelidikan. Kajian ini mendapati bahawa terdapat dua sebab utama, iaitu (1) kekurangan sumber di luar Bandar dan penggunaannya; dan (2) kekurangan penyertaan masyarakat luar bandar. Kajian ini juga mendapat faktor, musim, kesan peperangan, halangan dan kekurangan program bersesuaian juga telah menyumbang kepada kelemahan berkenaan. Kajian ini membuat kesimpulan bahawa system pelancongan sedia ada di Sri Lanka berhubung kait dengan Kelemahan Pendekatan Berdasarkan Komuniti atau 'Deficiency of Community Based Approach (DCBA)'. Selain itu, kajian ini juga mendapati bahawa wujudnya hubungan yang signifikan di antara komuniti dan aset. Ia bermakna kekurangan penyertaan komuniti telah menyebabkan kekurangan penggunaan sumber. Dengan itu, kajian ini mencadangkan penggunaan Model Pembangunan Komuniti Berdasarkan Aset atau 'Assets Based Community Development (ABCD) Model'. Kajian ini juga bahawa Model ABCD menawarkan jalan penyelesaian yang berguna antara pembangunan pelancongan luar bandar dan pembasmian kemiskinan di Sri Lanka. Hasil dapatan kajian, kesimpulan dan cadangan daripada kajian ini memanfaatkan penggubal dasar, penyelidik dan komuniti bagi menyediakan platform untuk advokasi pelancongan luar bandar sebagai suatu alat pembasmian kemiskinan yang berdaya maju di Sri Lanka. Hal ini penting untuk menyerlahkan peranan pelancongan luar bandar sebagai suatu aktiviti ekonomi yang berupaya membasmi kemiskinan dan memajukan ekonomi di Sri Lanka.

Kata Kunci: Pembangunan Pelancongan Luar Bandar, Pembasmian Kemiskinan, Pembangunan Ekonomi

LIST OF CONTENTS

TITLE	Page
CERTIFICATION	iii
DECLARATION	iv
ACKNOWLEDGEMENTS	v
ABSTRACT	vii
ABSTRAK	viii
LIST OF CONTENTS	ix
LIST OF TABLES	xiv
LIST OF FIGURES	xvi
LIST OF APPENDICES	xviii
LIST OF ABBREVIATIONS AND ACRONYMS	xx
CHAPTER 1: INTRODUCTION	
1.1 Introduction	1
1.2 Background of the Study	1
1.3 Poverty in Sri Lanka	11
1.4 Tourism Industry in Sri Lanka	13
1.5 Research Problem	18
1.6 Objectives of the Research	22
1.7 Significance of the Study	23
1.8 Structure of the Study	25
1.9 Concluding Remarks	27
CHAPTER 2: LITERATURE REVIEW	
2.1 Introduction	28
2.2 Overview of Sri Lankan Economy	28
2.3 Overview of Literature Review	32
2.4 Concept of Poverty	37
2.4.1 Definition of Poverty	37
i. The Operational Definition of Poverty	38
2.4.2 Poverty Dimensions	39
2.4.3 Key Factors of Poverty	41
2.4.4 Poverty Alleviation Programmes in Sri Lanka	45
2.5 Concept of Tourism	49
2.5.1 Definition of Rural Tourism	50
i. The Operational Definition of Rural Tourism	52
2.5.2 Challenges of Tourism	53
2.5.3 Importance of Rural Tourism	53
2.5.4 Types of Rural Tourism	54
i. Hexagon Model of Sri Lankan Rural Tourism	56
2.5.5 Key Factors of Rural Tourism	58
2.5.6 Employment in the Rural Tourism Industry	59
2.5.7 Supply and Demand Perspective in Rural Tourism Market	61

2.5.8	Key Stakeholders on Rural Tourism Industry	63
2.5.9	Tourism Development Programmes in Sri Lanka	69
2.5.10	International Assistant of Rural Tourism Development and Poverty Alleviation	74
2.6	Tourism Development and Poverty Alleviation: World Literature	75
2.7	Tourism Development and Poverty Alleviation: Sri Lankan Literature	82
2.7.1	Importance and Challenges of Rural Tourism Development and Poverty Alleviation in Sri Lanka	84
2.8	Community Empowerment	90
2.8.1	Arnstein's Ladder	91
2.8.2	Value Chain Analysis	91
2.9	Selected Models of Rural Tourism	91
2.10	Analytical Tools of Rural Tourism and Poverty	99
2.10.1	Regression and Its Related Models	103
2.11	Theoretical Background	106
2.11.1	The Cumulative and Cyclical Inter-dependence Theory	108
2.11.2	The Queuing Theory	109
2.11.3	Kendall Notation in Queuing Theory	110
2.11.4	Policy Dimensions in Queuing Theory	112
	i. Arrival Rate and Service Rate in Tourism Development and Poverty Alleviation	112
	ii. Service Time and Service Centre in Tourism Development and Poverty Alleviation	113
	iii. System Capacity in Tourism Development and Poverty Alleviation	113
2.11.5	Appropriateness of M/M/1 Model	114
2.12	Concluding Remarks	115

CHAPTER 3: RESEARCH METHODOLOGY

3.1	Introduction	117
3.2	Research Philosophy	117
3.3	Significance of Mixed Methodology	118
3.4	Research Design	122
3.4.1	Data Triangulation and Integration	124
3.5	The Theoretical and Conceptual Orientation	125
3.6	Appropriateness of Research Area	127
3.7	Sampling Frame and Types of Samples	131
3.7.1	Method of Sampling	132
3.7.2	The Survey Sampling and Sample Size	132
3.7.3	The Structured Interview Sampling and Sample Size	134
3.8	Method of Data Collection and Data Analyzing Vs. the Objectives	135
3.9	Methods of Data Collection	137
3.9.1	Data Classification	137
3.9.2	Primary Data	138
3.9.3	Sample Survey and Questionnaire	138
3.9.4	Structured Interviews and Questionnaire	139
3.9.5	Medium of the Questionnaires	140
3.9.6	Observation and Checklist	140
3.9.7	Secondary Data	142
3.9.8	Quantitative Data	142

3.9.9	Qualitative Data	142
3.10	Coding and Process of Category	143
3.11	Method of Data Analyzing	144
3.12	Test of Hypotheses	148
3.12.1	Research Hypotheses	150
3.13	Econometrics and Statistics Models Specification	156
3.13.1	Multiple Regression Model and ANOVA Test	156
3.13.2	Correlation Test	158
3.14	M/M/1 Model	158
3.14.1	Main Symbol of M/M/1 Model	159
3.14.2	Evaluating Indexes of M/M/1 Model	160
3.15	Non-Parametric Tests	160
3.15.1	Chi-Square Tests	160
3.15.2	Kruskal-Wallis Test	161
3.15.3	Mann-Whitney U-Test and Wilcoxon W-Test	161
3.16	General Tests and Qualitative Analysis	163
3.16.1	Method of Arnstein's Ladder	164
3.16.2	Method of Value Chain Analysis	165
3.17	Method of Communicating and Displaying Analysed Data	166
3.18	Concluding Remarks	167

CHAPTER 4: DATA ANALYSIS AND INTERPRETATION

4.1	Introduction	168
4.2	Data Analysis and Triangulation	168
4.3	Data Analysis for Specific Objective One	169
4.4	Specific Objective One: Quantitative Data Analysis	170
4.4.1	Relationship between Tourism Income and Rural Poverty	171
4.4.2	Relationships among Rural Poverty, Tourism and Economic Growth	172
4.4.3	Relationships among Rural Poverty, Tourism and Unemployment	173
4.4.4	Relationships among Rural Poverty, Tourism and Grants of Poverty Alleviation Programme	173
4.4.5	Relationships among Rural Poverty, Tourism and Civil War	173
4.4.6	Discarded Relationships	174
4.5	Testing of the First Hypothesis for Specific Objective One	174
4.6	Specific Objective One: Qualitative Data Analysis	175
4.7	Triangulation: Specific Objective One	178
4.7.1	Real Relationship	179
4.7.2	Resources Allocation System	179
4.7.3	Policy Paradox	181
4.7.4	Tourism Income Instead of Subsidy	183
4.8	Data Analysis for Specific Objective Two	184
4.9	Specific Objective Two: Quantitative Data Analysis	185
4.10	Testing of Second Hypothesis	185
4.11	Pattern of Income Distribution in Rural Economy	186
4.11.1	Stimulus Attitudes of Rural Tourism Development by Level of Poverty	189
4.11.2	Attitudes of Subsidy by Level of Poverty	190
4.11.3	Available Rural Tourism Resources	191

4.11.4	Youth Contribution	194
4.11.5	Rural Infrastructure Development	195
4.12	Specific Objective Two: Qualitative Data Analysis and Triangulation	197
4.13	Data Analysis for Specific Objective Three	200
4.14	Specific Objective Three: Quantitative Data Analysis	200
4.14.1	Testing of Third Hypothesis	200
4.14.2	Testing of Fourth Hypothesis	201
4.14.3	Testing of Fifth Hypothesis	202
4.14.4	Testing of Sixth Hypothesis	202
4.15	Primary Obstacles	203
4.15.1	Administrative Obstacles	204
4.15.2	Differentiation of Stakeholders	205
4.16	Specific Objective Three: Qualitative Data Analysis	207
4.17	Data Analysis for Specific Objective Four	209
4.18	Personal Demographic Factor Analysis	209
4.18.1	Distribution of Rural Poverty and Tourism Income by Gender	209
4.18.2	Distribution of Rural Poverty and Tourism Income by Age	211
4.18.3	Distribution of Poverty and Tourism Income by Marital Status	214
4.19	Socio-Economic Factor Analysis	215
4.19.1	Distribution of Rural Poverty and Tourism Income by Level of Education	215
4.19.2	Employment Status and Current Activities	219
4.20	Contemporary and Geographical Factor Analysis	220
4.20.1	Distribution of Poverty by Districts in Sabaragamuwa	220
4.20.2	Distribution of Tourism Income by Districts in Sabaragamuwa	222
4.20.3	Distribution of Tourism Development Programmes in Sabaragamuwa	223
4.21	Value Chain Analysis and Integration for the Key Objective	224
4.21.1	Lopsided Development and its effects on Rural Tourism Industry	224
4.21.2	Origination of Tourism Job and Participation of Poor Community	229
4.21.3	Significance of Political Stability	238
4.21.4	Travelling Purpose	241
4.21.5	Available Recourses Utilisation	242
4.21.6	Effectiveness of Tourism Development Programmes	245
4.22	Arrival Rate and Service Rate	248
4.22.1	The Value Chain analysis	252
4.22.2	Seasonal Poverty and Seasonal Variation of Tourism	253
4.22.3	Service Providing Cost and Waiting Time Cost	254
4.23	Working with the Poor	255
4.24	Concluding Remarks	257

CHATER 5: SUMMARY, CONCLUSIONS AND SUGGESTIONS

5.1	Introduction	258
5.2	Overview of the Study	258
5.3	Findings of the Study	259
5.3.1	Findings of the First Specific Objective	259

5.3.2	Findings of the Second Specific Objective	261
5.3.3	Findings of the Third Specific Objectives	262
5.3.4	Findings of the Fourth Specific Objective	263
5.3.5	Findings of the Key Objective	264
5.4	The Integration of the Findings and Discussion	266
5.5	Suggestions of the Study	272
5.6	The Proposed Rural Tourism Development Model for Sabaragamuwa Tourism Industry as an Instrument of Poverty alleviation	272
5.7	Tripartite Partnership of the ABCD model	272
5.7.1	Ladder of Arnstein	273
5.7.2	Value Chain Analysis	274
5.8	Significance of ABCD Model for Rural Tourism Development in Sabaragamuwa, Sri Lanka	274
5.9	General Benefits from ABCD Model in Sabaragamuwa, Sri Lanka	275
5.10	Expected Outcomes of the ABCD Model in Sabaragamuwa, Sri Lanka	277
5.11	The Way Forward on ABCD Model	278
5.11.1	Enabling Action	278
	i. Community Participation	279
	ii. The Way of Skilful Community Involvement	281
	iii. Awareness Programmes	281
	iv. Assistance Programmes	283
	v. Community as a Stakeholder	284
5.11.2	Inclusive Action	285
	i. Available and Unused Resources Utilisation System	285
5.11.3	Forced Action	286
	i. Structural Reforms	287
	ii. Implementation	287
	iii. Monitoring and Feedback	287
	iv. Impact Management	288
5.12	Limitations of the Study	288
5.13	Contribution of the Body of Knowledge	290
5.14	Concluding Remarks of the Findings	291
5.15	The Way Forward	293
	LIST OF REFERENCES	294
	APPENDICES	312

LIST OF TABLES

		Page
Table 1.1	Household Population by Sector in Sri Lanka (2006/07-2012/13)	12
Table 1.2	Tourism Performance in Sri Lanka (2006-2012)	15
Table 1.3	Period of Stay - Percentage of Distribution of Tourists in Sri Lanka (2005-2011)	17
Table 1.4	Seasonal Variation in Traffic Flow in Sri Lanka (2006-2013)	18
Table 2.1	Share of GDP in Sri Lankan Economy (2006 – 20012)	29
Table 2.2	Definitions of Poverty by Reputable International Organisations	38
Table 2.3	Definitions of Poverty by Poor Community	38
Table 2.4	Beneficiary Families on Samurdhi Welfare Programme (2005-2012)	47
Table 2.5	Definitions of Rural Tourism	52
Table 2.6	The Tourism Investment Plan of the GOSL (2006-2016)	70
Table 2.7	Relative Importance of Tourism as Foreign Exchange Earner (2006-2011)	71
Table 2.8	Relationship Between Tourism and MDGs	76
Table 2.9	Sub Index on the TTCI	101
Table 3.1	Comparative Characteristics of Mixed Methodology and This Study	121
Table 3.2	The Structured Interview Sample Size	135
Table 3.3	Methods of Data Collection and Data Analyzing	136
Table 3.4	Data Classification	138
Table 3.5	Observation Checklist	141
Table 3.6	Annotation Scheme of Qualitative Data	143
Table 3.7	Correlation Matrix	152
Table 3.8	ANOVA	157
Table 4.1	Pearson Correlation Analysis	170
Table 4.2	Existing Practices and Relationships	176
Table 4.3	Summary of Paradox of Relationships	178
Table 4.4	Summary of the Hypotheses: Specific Objective Two	185
Table 4.5	Income Distribution in Sabaragamuwa	187
Table 4.6	National Income and Tourism Income by Quintile	189
Table 4.7	Responses between Poverty and Rural Tourism	189
Table 4.8	Responses between Poverty and Subsidy	190
Table 4.9	Responses on Tourism Resources	191
Table 4.10	Available Tourism Resources in Sabaragamuwa	192
Table 4.11	Responses on Rural Infrastructure Development Programmes	196
Table 4.12	Key Leading Factors	197
Table 4.13	Summary of Present Trend from Two Data Sources	198
Table 4.14	Summary of Political Stability from Two Data Sources	199
Table 4.15	Summary of Available Resources from Two Data Sources	199
Table 4.16	Summary of the Hypotheses Testing: Specific Objective Two	200
Table 4.17	Responses on the Primary Obstacles	203
Table 4.18	Responses on the Administrative Obstacles	204
Table 4.19	Responses on the Role of Stakeholders	206
Table 4.20	Responses on Contribution of Community in Rural Tourism	207
Table 4.21	The Secondary Obstacles	208

Table 4.22	Distribution of Tourism Income by Gender	210
Table 4.23	Distribution of Poverty by Gender	210
Table 4.24	Distribution of Tourism Income by Age	211
Table 4.25	Distribution of Poverty by Age	212
Table 4.26	Tourism Employment by Age	213
Table 4.27	Involvement of Main Occupation by Age	213
Table 4.28	Distribution of Tourism Income by Marital Status	214
Table 4.29	Distribution of Poverty by Marital Status	214
Table 4.30	Distribution of Tourism Income by Level of Education	216
Table 4.31	Responses between Level of Education and Poverty	217
Table 4.32	Responses on Languages and Computer Skills	217
Table 4.33	Distribution of Job Skills by Poverty	218
Table 4.34	Responses of Poverty by Districts in Sabaragamuwa	220
Table 4.35	Poverty Related Indicators in Sabaragamuwa	221
Table 4.36	Distribution of Tourism Income by Districts in Sabaragamuwa	222
Table 4.37	Responses on the Tourism Development Programmes	223
Table 4.38	The Gap between Requirements of Rural Tourism and Characteristics of Rural Agriculture Sector	228
Table 4.39	Available Tourism Job Opportunities and Average Job Generated Ratio	230
Table 4.40	Tourism Occupation in Sabaragamuwa	232
Table 4.41	Loans and Savings in Sabaragamuwa	235
Table 4.42	Purposes of Loans and Savings	236
Table 4.43	Sources of Loans and Savings	237
Table 4.44	Economic Indicators between War and Non-War Periods in Sri Lanka	239
Table 4.45	Percentage Distribution of Tourists by Travelling Purposes of in Sri Lanka	241
Table 4.46	Kruskal Wallis Tests for Poverty Alleviation by Tourism Facilities	243
Table 4.47	Kruskal Wallis Test for Income of Community by Tourism Development Projects	246
Table 4.48	Kruskal Wallis Test for Rural Tourism Components and Its contribution of Poverty Alleviation	247
Table 4.49	Responses on Rural Tourism Components	248
Table 4.50	Evaluating Indexes of M/M/1 Model	249
Table 4.51	Responses on Role of Community in Rural Tourism	255
Table 4.52	Significant Factors in Sabaragamuwa	256
Table 5.1	A Glimpse of Findings of the Study	268
Table 5.2	ABCD Model and MCGs	276
Table 5.3	The Three Levels of ABCD Model	278

LIST OF FIGURES

	Page
Figure 1.1	6
Figure 1.2	12
Figure 1.3	14
Figure 1.4	14
Figure 1.5	15
Figure 1.6	24
Figure 1.7	25
Figure 2.1	36
Figure 2.2	44
Figure 2.3	47
Figure 2.4	55
Figure 2.5	56
Figure 2.6	58
Figure 2.7	60
Figure 2.8	62
Figure 2.9	64
Figure 2.10	66
Figure 2.11	72
Figure 2.12	85
Figure 2.13	85
Figure 2.14	88
Figure 2.15	92
Figure 2.16	94
Figure 2.17	96
Figure 2.18	97
Figure 2.19	111
Figure 3.1	123
Figure 3.2	126
Figure 3.3	127
Figure 3.4	129
Figure 3.5	129
Figure 3.6	131
Figure 3.7	133
Figure 3.8	137
Figure 3.9	146
Figure 3.10	149
Figure 3.11	165
Figure 3.12	166
Figure 4.1	168
Figure 4.2	179

Figure 4.3	Resources Allocation of Tourism in Sri Lanka (2007-2016) and View of Community	180
Figure 4.4	Policy Paradox	181
Figure 4.5	Relationship between Rural Tourism Development, Poverty Alleviation and Economic Policy	182
Figure 4.6	Relationship between Tourism Workforce and Samurdhi	184
Figure 4.7	Lorenz Curves	188
Figure 4.8	Forest and Wildlife Map in Sabaragamuwa	193
Figure 4.9	Over 60% Slope Map in Sabaragamuwa	193
Figure 4.10	Employment of Tourism Industry and Entering Obstacles by Age	194
Figure 4.11	Travelling Purposes and Tourism Events	203
Figure 4.12	Distribution of Respondents in Sabaragamuwa According to Current Activity	219
Figure 4.13	Poverty Indexes in Sabaragamuwa Province	221
Figure 4.14	Percentage of Provincial GDP and Tourism Contribution in 2012	225
Figure 4.15	Comparison of Provincial GDP, Tourism and Poverty Indexes	226
Figure 4.16	Percentage of Income Receivers in Sabaragamuwa	233
Figure 4.17	Employment Expectations of Respondents in Rural Tourism Industry	234
Figure 4.18	The Trends of Employment in Tourism Industries (1995-2011)	239
Figure 4.19	The Trend of Arrivals in Pleasure (1999-2011)	242
Figure 4.20	Shortage and Surplus of Service Rate	250
Figure 4.21	Average Length of Stay	251
Figure 4.22	Seasonal Index of Arrivals and Rural Poverty	254
Figure 5.1	Existing Tourism System Vs. Rural Tourism System	267
Figure 5.2	Tripartite Partnership of the ABCD model	273
Figure 5.3	Proposed ABCD Model	275

LIST OF APPENDICES

	page
Annexure 1	Statistics of Provinces and Districts in Sri Lanka -2012 312
Annexure 2	World Heritage Sites in Sri Lanka 313
Annexure 3	Poverty Headcount Index in Sri Lanka (2006/07) 314
	Poverty Headcount Ratio and Percentage of Poor Households Based on the Official Poverty Line by Sector (1991-2007) 315
	Percentage of Poor Households Based on the Official Poverty Line by District (1991-2007) 315
	Average Monthly Household Income and Gini Coefficient for Household by Sector (1995-2009) 315
	Trends of Poverty by Sector (1991-2007) 316
	Nominal Poverty Lines by District (2004-2009) 316
Annexure 4	The Millennium Development Goals 317
Annexure 5	The Mahindha Chinthana Goals 319
Annexure 6	Socio-Cultural Impacts: A Comparison 319
Annexure 7	Stakeholders Help Line 320
Annexure 8	Travel and Tourism indicators in Sri Lanka (2011-2013) 321
	The Travel and Tourism Competitiveness Index in Details (2011-2013) 322
Annexure 9	Tourist arrivals by Country of Nationality (2005-2011) 324
Annexure 10	Variables Entered/Removed 325
	Model Summary 325
	ANOVA Test 325
	Coefficients 325
Annexure 11	Descriptive Statistics 326
	Pearson Correlation 326
	Partial Correlation between ATI and P-LRP 326
	Partial Correlation between EG and P-LRP 327
Annexure 12	Correlations between Arrivals of Tourists and Rural Poverty Head Count Index 327
Annexure 13	Reliability Statistics 327
Annexure 14	t-Test for Hypothesis One 327
Annexure 15	Responses on Obstacles in Rural Tourism Industry 328
	Responses between Obstacles and Poverty 328
	Chi-Square Tests for Third Hypothesis 328
Annexure 16	Chi-Square Test for Second Main Hypothesis 329
	Chi-Square Test for Second Sub Hypothesis 329
Annexure 17	Gini Coefficient 330
Annexure 18	Pearson Correlation 331
	t-Test for Hypothesis Four (Tourism and Farm Sector) 331
	t-Test for Hypothesis Four (Tourism and Off-Farm Sector) 331
Annexure 19	t-Test for Hypothesis Five 332
	Job Risk and Seasonal Index of Arrivals 332
	Spearman's Correlation Test 332
Annexure 20	Travelling Purposes and Tourism Events 333
	Chi-Square Test for Hypothesis Four 333
Annexure 21	Responses on Tourism and Poverty 334

Annexure 22	Correlation of Stakeholders between Tourism and Poverty	334
Annexure 23	Chi-Square Test for Attitudes of Tourism and Level of Poverty	335
Annexure 24	Tourism Employment by Age	335
Annexure 25	Obstacles by Age	335
Annexure 26	Chi-Square Test for Gender and Tourism Income	336
Annexure 27	Chi-Square Test for Gender and Poverty	336
Annexure 28	Chi-Square Test for Age and Tourism Income	336
Annexure 29	Chi-Square Test for Age and Poverty	337
Annexure 30	Involvement of Main Occupation by Age	337
Annexure 31	Chi-Square Test for Experience and Tourism Income	337
Annexure 32	Chi-Square Test for Marital Status and Poverty	338
Annexure 33	Chi-Square Test for Marital Status and Tourism Income	338
Annexure 34	Distribution of Education Level by Marital Status	338
Annexure 35	Distribution of Marital Status by Age	339
Annexure 36	Chi-Square Test for Level of Education and Tourism Income	339
Annexure 37	Chi-Square Test for Job Skills and Tourism Income	339
Annexure 38	Chi-Square Test for Job Skills and Poverty	340
Annexure 39	Chi-Square Test for Districts and Poverty	340
Annexure 40	Chi-Square Test for Districts and Tourism Income	340
Annexure 41	Distribution of Tourism Workforce by Districts	341
Annexure 42	Responses on Reasons of Unemployment	341
Annexure 43	Responses on Tourism Jobs	341
Annexure 44	Kruskal-Wallis Test for Occupation	342
	Test Statistics for Occupation	342
Annexure 45	Mann-Whitney Test for Poverty and Occupation	343
	Test Statistics for Poverty and Occupation	343
Annexure 46	Salary Scale	343
Annexure 47	Responses of Dependency Ratio by Poverty	344
	Chi-Square Test for Dependency Ratio and Poverty	344
Annexure 48	Samurdhi Beneficiaries in Research Area	344
Annexure 49	Responses on Poverty Alleviation Strategies	345
Annexure 50	Economic and Tourism Indicators	345
Annexure 51	Kruskal-Wallis Test for Village Based Tourism Projects and Poverty	346
	Test Statistics for Poverty and Village Based Tourism Projects	346
Annexure 52	Seasonal Variation in Traffic Flow	347
Annexure 53	Correlations Test For Length of Stay and Arrivals of Tourists	348
Annexure 54	Seasonal Poverty Index	348
Annexure 55	Pearson Correlation between Seasonal Poverty and Seasonal Arrivals	349
Annexure 56	The Research Questionnaire	350
Annexure 57	The Interview Questionnaire	363

ABBREVIATIONS AND ACRONYMS

ABCD	Assets Based Community Development
ADB	Asian Development Bank
ANOVA	Analyze of Variance
APL	Absolute Poverty Line
Asymp. Sig	Asymptotic Significance
BOISL	Board of Investment in Sri Lanka
BOEP	Bottom of the Economic Pyramid
BRICS	Brazil, Russia, India, China and South Africa
CBN	Cost of Basic Needs
CBSL	Central Bank of Sri Lanka
CCIT	Cumulative and Cyclical Inter-dependence Theory
CCPI	Colombo Consumer Price Index
CES	Constant Elasticity of Substitution
CPASL	Centre for Poverty Analysis in Sri Lanka
CPI	Carbon Footprint Index
CSE	Colombo Stock Exchange
CSEI	Colombo Stock Exchange Index
DCs	Developing Countries
DCSSL	Department of Census and Statistics in Sri Lanka
DGSSL	Department of Commissioner General of Samurdhi in Sri Lanka
DHSS	Department of Health and Social Security
DSD	Divisional Secretariat Division
DWLC	Department of Wild Life Conservation
EDCDSL	Embilipitiya Divisional Secretariat Division in Sri Lanka
EDS	Economic Development Strategy
EMM	Emergent Mixed Method
ETC	English Tourism Council
EU	European Union
FAO	Food and Agriculture Organisation
FDI	Foreign Direct Investment
FEE	Foreign Exchange Earnings

FEI	Food-Energy-Intake
FGT	The Foster-Greer-Thorbecke
FMM	Fixed Mixed Method
FPL	Food Poverty Line
FYTDS	Five Years Tourism Development Strategy
GCE-A/L	General Certificate of Education-Ordinary Level
GCE-O/L	General Certificate of Education-Advanced Level
GDP	Gross Domestic Products
GHG	Green House Gas
GIS	Geographical Information System
GM	Gravity Model
GMD	Gini Means Difference
GN	Grama Niladari
GNP	Gross National Products
GOSL	Government of Sri Lanka
GSP	Generalized System of Preferences
GSP+	Generalized System of Preferences Plus
HCI	Head Count Index
HDI	Human Development Index
HIES	Household Income and Expenditure Survey
HPI	Happy Planet Index
HRD	Human Development Report
HRTD	Hungarian Rural Tourism Development
IBRD	The International Bank for Reconstruction and Development
ICC	International Cricket Council
ICT	Information and Communication Technology
IDA	The International Development Association
IEF	Index of Economic Freedom
ILO	International Labor Office
IMF	International Monetary Fund
IPAMB	Integrated Participative Assets Management Based
KD	Kegalle District
KM	Kilo Meters
LDCs	Less Developed Countries

LGI	Living Green Index
LKR	Sri Lankan Rupees
LPL	Lower Poverty Line
MBI	Market Based Instrument
MC	Mahindha Chinthanaya
MCFSP	Mahinda Chinthanaya - Fertilizer Subsidy Programme
MCGs	Mahindha Chinthanaya Goals
MDGs	Millennium Development Goals
MEDSL	Ministry of Economic Development in Sri Lanka
MESL	Ministry of Environmental in Sri Lanka
MFPSL	Ministry of Finance and Planning in Sri Lanka
MICE	Meeting, Conferences and Exhibition
MNBEDSL	Ministry of Nation Building and Estate Infrastructure Development
MPI	Multidimensional Poverty Index
MSL	Mean Sea Level
MSPASL	Ministry of Samurdhi and Poverty Alleviation in Sri Lanka
MSYASSL	Ministry of Samurdhi Youth Affairs and Sports
NEF	New Economics Foundation
NGOs	Non-Governmental Organisations
NP	Non Poor Households
NPL	National Poverty Line
NWEF	New World Economic Forum
OBI	Open Border Index
OLS	Ordinary Least Squares
OPL	Official Poverty Line
OSG	One Sector Growth
PAMSM	Poverty Analysis Macro Simulator Model
PHI	Poverty Headcount Index
PIP	Poverty Alleviation Programme
POTMS	Post Office Travel Money Survey
PPG	Pro-Poor Growth
PPP	Purchasing Power Parity
PRSP	Poverty Reduction Strategy Programme

RDSL	Rathnapura District in Sri Lanka
RSDSL	Rambukkana Divisional Secretariat Division in Sri Lanka
RPL	Rural Poverty Line
RPHI	Rural Poverty Headcount Index
RTMP	Rural Tourism Master Plan
SAARC	South Asian Association for Regional Cooperation
SASL	Samurdhi Authority in Sri Lanka
SDM	Strategic Destination Management
SET	Social Exchange Theory
SLCB	Sri Lanka Convention Bureau
SLIMMA	Sri Lanka, Indonesia, Malaysia, Mexico and Argentina
SLITHM	Sri Lanka Institute of the Tourism and Hotel Management
LLFS	Sri Lanka Labour Force Survey
SLPI	Sri Lanka Prosperity Index
SLTDA	Sri Lanka Tourism Development Authority
SLTPB	Sri Lanka Tourism Promotion Bureau
SME	Small and Medium Enterprises
SPCSL	Sabaragamuwa Provincial Council of Sri Lanka
SPSS	Statistical Package of Social Sciences
ST-EP	Sustainable Tourism - Eliminating Poverty
T&T	Travel and Tourism
TDPF	The Development Policy Framework
TOR	Theory of Resilience
TRPAP	Tourism for Rural Poverty Alleviation Programme
TTCI	Travel and Tourism Competitiveness Index
TTIR	Travel and Tourism Industrial Report
TWB	The World Bank
TYHD	Ten Years Horizon Development
UN	United Nations
UNCTAD	United Nations Conference on Trade and Development
UNDAF	United Nations Development Assistance Framework
UNDP	United Nations Development Programme
UNESCO	United Nations Educational Scientific and Cultural Organisation