

**EXPLORING THE CONTRIBUTION OF DAY AND NIGHT
STREET MARKETS TO URBAN LIVELINESS AND
VIBRANCY: A CASE STUDY OF THE PAMUNUWA
DAY/NIGHT MARKET IN MAHARAGAMA TOWN**

M.G.G. Nimali Bandara

209287H

Master of Urban Design

Department of Architecture

Faculty of Architecture

University of Moratuwa

Sri Lanka



February 2024

**EXPLORING THE CONTRIBUTION OF DAY AND NIGHT
STREET MARKETS TO URBAN LIVELINESS AND
VIBRANCY: A CASE STUDY OF THE PAMUNUWA
DAY/NIGHT MARKET IN MAHARAGAMA TOWN**

M.G.G. Nimali Bandara

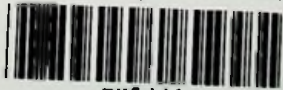
209287H

Dissertation submitted in partial fulfillment of the requirements for the degree
Master of Urban Design

Department of Architecture

Faculty of Architecture

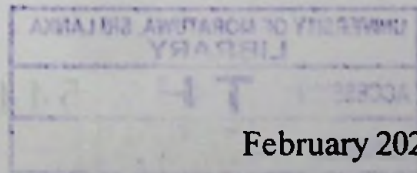
University of Moratuwa



TH5448

University of Moratuwa

Sri Lanka



February 2024

TH5448

+

CD ROM

72nd 2024th

711.4 (043)

TH 5448

DECLARATION

I declare that this is my own work and this thesis/dissertation does not incorporate without acknowledgment any material previously submitted for a degree or diploma in any other University or Institute of higher learning and to the best of my knowledge and belief it does not contain any material previously published or written by another person except where the acknowledgment is made in the text. I retain the right to use this content in whole or part in future works (such as articles or books).

UOM Verified Signature

Signature:

21-02-2024

Date:

The above candidate has carried out research for the PhD/MPhil/Masters thesis/dissertation under my supervision. I confirm that the declaration made above by the student is true and correct.

Janaka Tharmasena
Name of Supervisor:

UOM Verified Signature

Signature of the Supervisor:

21/02/2024
Date:



ACKNOWLEDGEMENT

Convey my heartfelt gratitude to the people listed below for their help, advice, and support in making this essay a success.

I was able to write this dissertation only with all your encouragement and guidance. My husband and my parents for being there for me and for encouraging and supporting me at all times.

I would like to thank our Course Director Dr. Janaka Wijesundara, and my tutor Archt. Janaka Dharmasena for their guidance and suggestions for the study,

And Dr. /Archit. Senaka Dharmathilake for guiding by clarifying the subject matter and assisting in focusing on a specific target.

None of this work would have been possible without the help of Archt. Thilini Silva, who kept everything running and corrected my writing.

ABSTRACT

Urban areas derive their identity not solely from fixed structures but also from dynamic elements that imbue cities with uniqueness and character. To maintain a constant influx of people throughout the day and night, cities require sustained activities beyond seasonal events. Street markets function as perpetual attractions, drawing individuals into urban spaces at all hours and nurturing vibrancy. Despite their potential to significantly impact urban liveliness, limited research has delved into the specific contributions of street markets to the urban fabric.

This study examines the positive contributions of the Pamunuwa day and night street market to the liveliness and vibrancy of Maharagama town. While the daytime street market is well-known, the night market remains relatively unexplored despite evolving into a thriving economic and social hub, attracting visitors from across the country. The public venue increases informal surveillance, transforming the urban context into a safe, vibrant space with diverse uses.

The study outlines the essential components of urban vibrancy and liveliness as related to day and night street markets, their contribution, and impacts, and establishes effective parameters for their measurement. The study's findings prove that the Pamunuwa day and night street market significantly impacts the Maharagama town's overall liveliness and vibrancy.

Keywords: Vibrancy, Liveliness, Day and Night Function, Dynamism, Safety, Designing for Humans

1.5.2 Day And Night Street Markets' Impact On Street Activity.....	22
1.5.3 Impact On Street Safety.....	23
1.6 International Precedence Studies	24
1.6.1 Khao San Road- Bangkok	25
1.6.2 Temple Street Night Market- Hong Kong	26
1.6.3 Reffen Street Food Market- Copenhagen, Denmark	27
1.6.4 The Night Market- Marrakech, Morocco	28
1.7 Chapter Summary	29
Chapter 02	31
Theoretical Framework And Methodology: Measures Of Urban Liveness And Vibrancy.....	31
2.1 Theoretical Framework Derived Through Literature Survey	31
2.2 Identifying Parameters Of Urban Liveliness And Vibrancy	32
2.3 Research Methodology.....	45
2.3.1 Selected Areas Of Study.....	49
2.3.2 Field Study Procedure.....	49
2.3.3 Data Collection And Sampling.....	50
2.3.4 Methods Of Analysis	51
2.4 Chapter Summary	52
Chapter 03	53
Case Study: Pamunuwa Day And Night Street Market	53
3.1 Overview of Pamunuwa Day/ Night Market	53
3.1.1 An Overview of future Maharagama town with Upcoming Kelani Valley Railway reaching	55
3.1.2 Research Locations of Day and Night Market of Maharagama Town.....	57
3.1.3 Street Market Profiles and Practices and its' contribution to public life ..	59
3.2 Periodic Transformation of Day-Night at Pamunuwa	61
3.2.1 The Day Market.....	61
3.2.2 The Night Market	62
3.2.3 Transformation of a Monothematic street market to a public realm	63
3.3 Assessing The Contribution of Day And Night Street Markets To Urban Liveliness And Vibrancy.....	64
3.3.1 Urban Aesthetics and Attractiveness	65
3.3.2 Public Safety	69

3.3.3 Socio- Cultural Dynamism.....	74
3.3.4 Human Centric Design	83
3.3.5 Mixed Use	89
3.4 Contribution To Knowledge.....	95
3.5 The Interface of the Case Study.....	96
3.6 Summary Of Findings.....	97
3.6.1 Challenges and Opportunities.....	98
Conclusion	99
References.....	100
Appendices.....	102



LIST OF FIGURES

Figure	Description	Page
Figure 1:	Eyes on the Street Theory Explained (Crisis Architecture: Building To Defend Against Active Aggressors, Warontherocks.Com).....	10
Figure 2:	An implementation critique of Jan Gehl's "Cities for People", Source; The Internet- Place Management and Branding,wordpress.com, 2016.....	11
Figure 3:	William whyte's recipe for good public spaces, Source: The Internet (theurbanmycelium.com).....	11
Figure 4:	Khao San Road in the Day time, Source: The Internet	25
Figure 5:	Khao San Road in the Night time, Source: The Internet.....	25
Figure 6:	Entrance to Temple Street, Source: The Internet	26
Figure 7:	Temple Street in the night time, Source: The Internet	26
Figure 8:	Food Stalls at Raffin Street, Source: The Internet	27
Figure 9:	Raffin Street, Source: The Internet	28
Figure 10:	Overview of The Night market, Source; The Internet.....	28
Figure 11:	Food Stalls at the street market, Source: The Internet.....	28
Figure 12:	Explaining Communication Intensity VS Distance (Source: Internet)	44
Figure 13:	The ready-made garments in Pamunuwa (Source: https://www.dailymirror.lk/News-features/Pamunuwa-traders/131-202309)	53
Figure 14:	Industry Distribution, Source: Maharagama Development Plan (UDA) .	54
Figure 15:	Kelani Valley Line Development Plan (Source: https://csrplk/kelani_vallay_line.php?id=3)	55
Figure 16:	Maharagama Railway Plan Source: KVL-FR-F-RE- Detailed Design Report - 2021-03.....	56
Figure 17:	Area of Research Study	57
Figure 18:	Overview of Pamunuwa Road in the Day Time, Source; Author	57
Figure 19:	Overview of Highlevel Road in the Day Time, Source; Author	57

Figure 20: Overview of Railway Avenue in the Daytime, Source; Author	57
Figure 21: Overview of Old Kottawa Road in the Day Time, Source; Author	57
Figure 22: Night Vendors set up their stalls as early as 3.0am, Source: Author	59
Figure 23: Night vendors packing up their stalls by 7.30am, Source: Author.....	59
Figure 24: Street Market at 5.30 am, Source; Author.....	59
Figure 25: Business establishments along Maharagama and Pamunuwa Road.....	60
Figure 26: The Day Market Area, Source: Maharagama Development Plan	61
Figure 27: The Night Market Area, Source:by Author	62
Figure 28: The bustling night market, Source: Author	62
Figure 29: Sogo drink seller in night market Pamunuwa at 2 am, Source: Documentary by Recordinglk, Youtube	63
Figure 30: Different vendors at Pamunuwa night market, Source: Documentary by Recordinglk, Youtube	63
Figure 31: Snack and bread seller at the night market, Source: Author	64
Figure 32: Statue Seller, Source: Documentary by Recordinglk, Youtube	64
Figure 33 The vibrant Colors of the Market, Source; Author.....	65
Figure 34: Vibrant merchandise at night market, Source: Author.....	65
Figure 35: The diverse range of clothing, Source: Author	66
Figure 36: Stalls near the bus stand attract passengers who are on their commute to home, Source; The Internet.....	66
Figure 37: Clothing items manufactured in Sri Lanka, Source: Author	67
Figure 38: Visual Connection between Roads, Source: Author	69
Figure 39: Alleyway connections of Streets, Source: Google Maps	70
Figure 40: Alleyway Connections of Streets, Source: Google Maps	70
Figure 41: Pamunuwa Streets are Safe for Women, Source: Documentary by Recordinglk, Youtube	71



Figure 42: Two vendors in a friendly conversation at the night market, Source: Documentary by Recordingk, Youtube	74
Figure 43: Diverse social classes and ethnic communities visiting the market, Source: Author	74
Figure 44: Night market in New Year Season, Source: Author.....	75
Figure 45: Years of engagement in the business by the Vendors, Source: Author....	75
Figure 46: Business Structure Diversity of Pamunuwa Street Market	76
Figure 47: Count of Operational hours of Stalls in Pamunuwa Street Market	76
Figure 48: Vendor Street Tenure at Pamunuwa Street Market.....	77
Figure 49: Business establishments along Maharagama and Pamunuwa Road.....	78
Figure 50: Job Market Created by Retail Buyers, Source: Author	79
Figure 51: Age Diversity of Pamunuwa Street Vendors	80
Figure 52: Civil Status of Vendors, Source: Author.....	80
Figure 53: Level of Education of Vendors, Source: Author.....	81
Figure 54: Existing road section of Pamunuwa Road, Source: Author	83
Figure 55: Building Heights of Street Market Area and Maharagama Town, Source: Author.....	84
Figure 56: The Bus Stand by Street Stalls at Old Kottawa Road, Source; Author....	85
Figure 57: The Railway Avenue Has Evolved Into a Walkable, Pedestrian Friendly Street Market, Source; Author	85
Figure 58: Heavy Vehicular Traffic in the day time, Source; Internet	86
Figure 59: Reduced Vehical Traffic in the Night Time, Source; Author	86
Figure 60: Land Use of Maharagama Town, Source by author.....	90
Figure 61: Purpose of Visiting the Maharagama Town.....	91
Figure 62: Temporary Stalls in the Railtracks, Railway Avenue, Source; Author....	92
Figure 63: An old building Reutilized as a Shop, Source; Author	92

Figure 64: The Beetle Vendor at Pamunuwa night Market, Source: Youtube,
Documentary 96

Figure 65: Vendors calculating their daily business, Source: Author 96

LIST OF TABLES

Table	Description	Page
Table 1:	Identifying Key Parameters of a Live Vibrant City.....	32
Table 2:	Research Parameters for the Study	41
Table 3:	Research Process	46
Table 4:	Research Methodology	48
Table 5:	Kelani Valley Line Development Plan (Source: https://csrp.lk/kelani_vallay_line.php?id=3)	56
Table 6:	Main Research Locations.....	58
Table 7:	Shops along Maharagama town and Pamunuwa Road:.....	60
Table 8:	Summary of Urban Aesthetics and Attractiveness	67
Table 9:	Summary of Public Safety	72
Table 10:	Summary of Social and Cultural Dynamism	81
Table 11:	Summary of Human-Centric Design	87
Table 12:	Summary of Mix of Use	93

LIST OF APPENDICES

Appendix	Description	Page
Appendix - A	Questionnaire for Architects, Urban Designers and Planners and	102
Appendix – B	Questionnaire for Street Vendors and Street Market shop owners at Pamunuwa.....	104
Appendix – C	Questionnaire for Shoppers and The General public at Pamunuwa.....	105

