

**IMPACT OF ISSUES IN FRUIT & VEGETABLE
VALUE CHAIN ON FOOD SECURITY OF
COLOMBO CITY REGION**

**MASTER OF BUSINESS ADMINISTRATION
IN
MANAGEMENT OF TECHNOLOGY**

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**IMPACT OF ISSUES IN FRUIT & VEGETABLE
VALUE CHAIN ON FOOD SECURITY OF
COLOMBO CITY REGION**

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DECLARATION

I hereby certify that this dissertation does not incorporate, without acknowledgement, any material previously submitted for a degree or Diploma in any University and to the best of my knowledge and belief, it does not contain any material previously published or written by another person or myself except due reference is made in the text. I also hereby consent for my dissertation, if accepted, to be made available for photocopying and for interlibrary loans, and for the title and summary to be made available to outside organizations.

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ABSTRACT

Food security in the context of rapid urbanization has brought attention to the importance of sustainable city region food systems. A global concept of food security encompass with availability, accessibility, utilization and stability of food. However, does everyone in the society have equal opportunity to access to sufficient, safe and nutritious food that meets their dietary needs and food preference, where 80% of world population is live below the poverty line? Even Colombo in general as recognized as urbanized wealthy district in Sri Lanka, there are large number of vulnerable groups do have food security issues. However, owing to the stereotype perception, food insecurity among citizens in Colombo has been over looked. The purpose of this research is to identify the issue in food value chain in Colombo city region and its impact on urban city region food security while recognizing the main indicators to show problem related to vegetable and fruits value chain in Sri Lanka. The primary data for the study was collected from representative random sample of vegetable and fruits value chain actors through interviews, open ended questionnaire in order to identify issue in food value chain. Identified issues have been further analyzed with secondary data and indicators are derived to measure problem areas in food value chain and food security impact. The study findings revealed food value chain issues and food security have complex linkages. Colombo is highly depends on other regions in-terms of Fruits and vegetable supply. Transportation & food wastage, excess supply and price fluctuation are the key issues in Colombo city region food system. Finally, this study finding will suggest policies and strategies for the development of economically, environmentally and socially sustainable city region food value chain that integrate urban and rural sectors and actors.

Keywords: Food Value Chain, Food Security, City Region Food System, Fruits & Vegetable

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LIST OF ABBREVIATIONS

CRFS	City Region Food System
CMC	Colombo Municipal Council
DEC	Dedicated Economic Center
DOA	Department of Agriculture
FAO	Food & Agriculture Organization
F&V	Fruits & Vegetables
FMRC	Farm Mechanization Research Center
FMTC	Farm Mechanization Training Center
KPI	Key Performance Indicators
GFSI	Global Food Security Index
HIES	Household Income Expenditure Survey
HARTI	Hector Kobbekaduwa Agrarian Research & Training Institute
SCM	Supply Chain Management
SLIS	Sri Lanka Integrated Survey
MDER	Minimum Dietary Energy Requirement
MIS	Management Information System
R&D	Research and Development
UDA	Urban Development Authority
VSC	Value Chain Structure
VCI	Value Chain Integration
VCP	Value Chain Performance