## Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreword</td>
<td>iii</td>
</tr>
<tr>
<td>Acknowledgement</td>
<td>v</td>
</tr>
<tr>
<td>Abbreviation</td>
<td>vi</td>
</tr>
<tr>
<td>Executive Summary</td>
<td>vii</td>
</tr>
<tr>
<td>Content</td>
<td>ix</td>
</tr>
<tr>
<td>List of Tables</td>
<td>xi</td>
</tr>
<tr>
<td>List of Graphs</td>
<td>xi</td>
</tr>
<tr>
<td>List of Maps</td>
<td>xi</td>
</tr>
</tbody>
</table>

### Chapter One ........................................ 01-09

#### Introduction
1.1 Background ........................................ 01
1.2 Research Problem ................................. 03
1.3 Significance of the Study ....................... 06
1.4 The Methods Applied in the Study .............. 06
1.4.1 Selection of the Study Villages .............. 06
1.4.2 Sampling ....................................... 07
1.4.3 Methods of Data Collection .................... 07
1.4.4 Secondary Data ................................ 08
1.4.5 Data Analysis ................................ 08
1.5 Limitation of the Study ......................... 09
1.6 Organization of the Report ...................... 09

### Chapter Two ........................................ 10-16

#### Background of the Study Villages
2.1 Introduction ...................................... 10
2.2 Anuradhapura District ......................... 10
2.3 Physical and Environmental Factors Governing the Livelihoods of People .... 13
2.4 Medawachchiya Divisional Secretariat Division .... 14
2.5 Study Villages ................................... 16

### Chapter Three ..................................... 17-27

#### Impact of CFA on Agriculture Production and Consumption
3.1 Introduction ...................................... 17
3.2 Changes in Agriculture Land Use Patterns .... 18
3.3 The impact of the CFA on Cropping Patterns ... 20
3.4 Impacts on Technology Adoption ................. 21
3.5 Changes in Production Levels after the CFA ... 25
Chapter Four ................................................................. 28-34
Effects of the CFA on Food Security and Consumption
4.1 Introduction ......................................................... 28
4.2 Changing Food Situation ........................................ 28
4.3 General Improvements in Condition of Living ............ 30
4.4 Coping Strategies ................................................. 31
4.5 Agricultural Production and Marketing .................... 32

Chapter Five ............................................................... 35-39
Impact of the CFA on Access to Basic Facilities and Services
5.1 Introduction ......................................................... 35
5.2 Access to Public Transportation ............................. 36
5.3 Access to Educational Facilities .............................. 37
5.4 Access to Health Care ............................................ 38

Chapter Six ................................................................. 40-57
Socio Economic Conditions in the Study Villages before and after the CFA
6.1 Introduction ......................................................... 40
6.2 Housing Conditions .............................................. 40
6.3 Transport and Telecommunication .......................... 42
6.4 Cooking Energy ................................................. 43
6.5 Methods of Lighting the Households ...................... 43
6.6 Property Ownership ............................................. 44
6.7 Vehicle Ownership .............................................. 46
6.8 Sources of Drinking Water .................................... 47
6.9 Sanitary Facilities ................................................ 48
6.10 Educational Attainments ...................................... 49
6.11 Changes in Labour Force Participation and Economic Activities .......................... 51
6.12 Income .......................................................... 54
6.13 Effects on Saving and Investment ......................... 56

Chapter Seven ............................................................. 58-60
Conclusion and Recommendations
7.1 Conclusion ......................................................... 58
7.2 Findings ........................................................ 59
7.3 Recommendations .............................................. 59

References ................................................................. 61
List of Tables

2.1 Annual Rainfall in the Anuradhapura District ........................................13
2.2 Land Use types in the Medawachchiya Divisional Secretariat Division ..........14
3.1 Percentage of Families Engaged in Agricultural Crop Production in Three Study Villages ..............................................................20
3.2 Methods of Land Preparation for Paddy Cultivation ................................22
3.3 Percentage Distribution of the Sample Households by Variety of Paddy Seeds Used for Cultivation ..............................................................23
3.4 Methods of Weed Control on Paddy Land ..................................................24
3.5 Methods of Weed Control on Lands Cultivated with Other Food Crops ..........25
3.6 Total Paddy Production (bushels) in the Study Villages from 2000/01 Maha to 2003/04 Maha .................................................................26
3.7 Total Milk Production (liters) for a month in the Study Villages Before and After the CFA .................................................................26
5.1 Perception of Changes in Transportation after the CFA by the Sample Respondents .................................................................36
5.2 Sample Respondents’ Perception of Changes in Health Care Facilities after CFA 38
6.1 Housing Conditions of Selected Villages before and after the CFA .............41
6.2 Reasons for Changes in Condition of Houses after the CFA (percent) ............42
6.3 Main Source of Household Lighting (percentage of changes) .......................43
6.4 Distribution of Sample Household by Type of Ownership of Land .............45
6.5 Vehicle Density in the Study Area by Type of Vehicles .............................46
6.6 Sources of Drinking Water before and after the CFA .................................48
6.7 Literacy Rate of Persons 10 years and Over in the Three Study Villages ..........50
6.8 Distribution of Sample population by Level of Education in the Study Villages ..51
6.9 Mobilization of the Main Occupation after the CFA ................................52
6.10 Percentages of Households on Different income Brackets (Annual) Before and After the CFA .............................................................55
6.11 Effects of the CFA on Changing Working Hours .......................................55
6.12 Reasons for Changes in Savings .............................................................57

List of Graphs

6.1 Type of Toilets ........................................................................49
6.2 Changes in Number of Working Hours ..............................................56

List of Maps

1. Anuradhapura District .....................................................................12
2. Grama Niladari Divisions in Madawachchiya Divisional Secretariat Division ....15