

## TABLE OF CONTENTS

	Page
Dedication	ii
Abstract	iii
Acknowledgements	iv
Table of contents	v-viii
List of acronyms	ix-x
<b>CHAPTER 1: INTRODUCTION</b>	<b>1-9</b>
1.1 Fisheries management	1
1.2 State of fisheries in Sri Lanka	3
1.3 Need for co-management in Sri Lanka	4
1.4 Research problem	7
1.5 Objectives of the research	7
1.6 Research problem	8
1.7 Materials and methods	8
<b>2. CHAPTER 2: PRINCIPLES OF SUCCESSFUL CO-MANAGEMENT IN FISHERIES</b>	<b>10-21</b>
2.1 Introduction	10
2.2 Fisheries management	10
2.2.1 The traditional approach – centralised management system	12
2.2.2 New approach – Participatory/collaborative management	13
2.3 Concept of sustainability	13
2.4 Common property resource management	14
2.5 Community-based management	15
2.5.1 Definitions of community-based management	16
2.5.2 Future of community-based management	16
2.6 Concept of Co-management	17
2.6.1 Why co-management	17
2.6.2 What is co-management	18
2.6.3 Definitions of co-management	19
2.6.4 Key conditions for successful co-management	21



4.2.4.1 Local management system	42
4.2.4.2 Community-based conservation and management through stock enhancement in the lagoon	44
4.2.5 Special Area Management (SAM) Project	44
4.3 Analysis of case studies	45
4.3.1 Open access	46
4.3.2 Poor enforcement of law	47
4.3.3 Stock enhancement	48
4.3.4 Other management issues	49
4.3.5 Major elements that facilitates their success	50
4.3.6 Associated problems	51
4.3.7 Summary of case studies	53
5. CHAPTER 5: A FRAMEWORK FOR CO-MANAGEMENT IN SRI LANKA	55-73
5.1 Historical and cultural context	55
5.2 Legal framework	56
5.3 The institutional framework	58
5.4 The policy and planning framework	58
5.5 Discussion	60
5.6 How far key conditions for successful co-management are met	63
5.7 Conclusion	67
5.8 Recommendation	71
REFERENCE	74-78
ANNEXE	I-IX
Annex 1: Map of Sri Lanka	I
Annex 2: Chronology of fisheries activities in Sri Lanka	II
Annex 3: The types and classes of fishing crafts in operation today	IV
The major fishing gear categories used in Sri Lanka	
Annex 4: Fish Production in Sri Lanka	
Table 1: Total fish landings according to different sub-sectors, 1994 to 1998	V

Table 2: Coastal sector fish landings according to major fish varieties, 1994 to 1998	V
Table 3: Off-shore/oceanic fish landings by species, 1994 to 1998	V
Annex 5: Table 4: Important marine food fish in Sri Lanka	VII
Annex 6: Table 5: Quantity of fishery products exported item-wise (kg)	IX

## LIST OF ACRONYMS

FAO	Food and Agricultural Organisation
VCO	Village Community Ordinance
FO	Fisheries Ordinance
CBMs	Community-Base Management systems
FA	Fisheries Act
CMS	Control, Monitoring and Surveillance
NGOs	Non Governmental Organisations
MSY	Maximum Sustainable Yield
EEZ	Exclusive Economic Zone
GDP	Gross Domestic Production
km	Kilometre
kg	Kilogram
NARA	National Aquatic Resources Research & Development Agency
USA	United State s of America
MT	Metric ton
GAs	Government Agents
AGAs	Assistant Government Agents
DOF&ARD	Director of Fisheries and Aquatic Resources Development
DFEO	District Fisheries Extension Officer
MFARD	Ministry of Fisheries & Aquatic Resources Development
CCD	Coast Conservation Department
FMAra	Fisheries Management Areas
FMAus	Fisheries Management Authorities
FCs	Fisheries Committees
CBO	Community-based Organisations
RFS	Rural Fisheries Society
TKOA	Traditional Kattudel Owners Association
RDF	Rekawa Development Foundation
NO	Number
SEAFDEC	South East Asian Fisheries development Co-operation

CFC	Ceylon Fisheries Corporation
RLFCS	Rekawa Lagoon Fishermens Co-operative Society
SAM	Special Area Management
FCS	Fisheries Co-operative Society
TURFs	Territorial User Rights in Fisheries