## **CONTENTS**

		Page Nos.
	Acknowledgements	i-iv
	Contents	v-viii
	List of Tables	ix-xii
	List of Figures	xiii-xv
	Abbreviations	xvi-xx
CHAPTER – I	INTRODUCTION	1-22
1.1	Statement of the Problem	2
1.2	Objectives of the Study	3
1.3	Significance of the Study	3
1.4	Dimensions of Research	4
1.5	Methodology and Data Sources	5
1.6	Concepts and Terminologies	5
1.7	Socio-Economic-Ecological Space of Water	7
1.8	Water Scarcity and Rural-Agrarian Economy	10
1.9	Case Studies	13
1.10	Tools and Techniques	16
1.11	Organisation of Thesis	17
CHAPTER - II	LITERATURE REVIEW	23-69
2.1	Readings in Environmental and Ecological Economics	23
2.2	Readings in Development Economics	32
2.3	Readings on Water Issues	40
2.4	Readings for Creative Perception	52
2.5	Identification of Research Gan	58

$\sim$		
( ()	nte	nts

CHAPTER - III	RESEARCH DESIGN AND METHODOLOGY	70-95
3. 1	To the Basics	70
3.2	Basic Economic Models	74
3.3	To Ontological Constructs	77
3.4	Nature of NEEM	80
3.5	Operational Methodology of the Study	80
3.6	Water as an Empirical Device	83
3.7	The Water Wisdom	84
3.8	Tools and Methods	84
3.9	Data Sources	89
3.10	Limitations of the Study	92
CHAPTER - IV	ENVIRONMENTAL DOMAINS AND ECONOMICS	96-170
4.1	Market-Economy: The Universal Set	96
4.2	Producer Dynamic and Factors of Production	98
4.3	Market Dynamics with Consumer Choices	107
4.4	Value of an Environmental Good	115
4.5	Taxonomy of Environmental Valuation	118
4.6	Towards an Eco-Centric Consensus	135
4.7	Ecological Economics: The Line of Radical Socio- Centrism	144
4.8	NEEM: The Conceptual Frame	152
CHAPTER - V	WATER MARKETS VS. REAL ECONOMY: CRITICAL ISSUES	171-242
5.1	Global Water Stocks	172
5.2	Global Fresh Water Consumption	174
5.3	The Indian Water Scenario	188
5.4	Global Hydro-Politics	197
5.5	Water Commercialization: A Perplex Question	200

		Contents
5.6	Water Privatization - WTO, World Bank and MNCs	204
5.7	Water: Economic (Private) Vs. Free (Public) Good	211
5.8	Price and Cost of Water	216
5.9	Catchment Area Constituency Model	230
CHAPTER - VI	SOCIO-ECONOMIC-ECOLOGICAL AFFAIRS OF WATER IN KERALA: CASE STUDIES IN POINT	243-302
6.1	Topography of Kerala	244
6.2	Water of Kerala	245
6.3	Soils of Kerala	248
6.4	Drought in Drizzle: Revealing a Myth	250
6.5	Socio-Economic-Ecological Profile of Palakkad	253
6.6	Case Study I: Coca-Colanization at Plachimada	260
6.7	Case Study II: AWCECOP	<b>27</b> 3
CHAPTER - VII	NEEM WITH WATER DOMAIN	303-374
7.1	NEEM: a Rural-Agrarian-Ecological Working Model	303
7.2	Eco-Logical Design of Neem Analysis	308
7.3	Case Studies: Neem Analysis	310
CHAPTER - VIII	THE WATER WISDOM: A NEEM PERSPECTIVE	375-386
8.1	NEEM in Policy Perspective	375
8.2	Concise Appraisal of the Study	378
8.3	Major Findings	382
8.4	Limitations	384
8.5	Implications of the Study	385
8.6	Further Areas of Research	385
	RIRI IOCR A PHV	387_ <i>1</i> 30

		Contents
APPENDICES	Appendix - I	440-451
	Appendix - II	452-463
	Appendix - III	464
	Appendix - IV	465-467
	Appendix - V	468-469
	Appendix - VI	470