

Table of contents

	Page
Acknowledgement	iii
Abstract.....	v
Thai Abstract.....	viii
Table of Contents	xi
List of Tables	xiv
List of Figures	xvi
Abbreviations.....	xvii
 Chapter I Introduction.....	 1
1.1 Background on forest resources situation management in Vietnam.....	1
1.2 Rationale of the study	3
1.3 Objectives of the study.....	6
 Chapter II Community-based Forest Management: Concepts and Background	 7
2.1 Forest resource and local people's livelihood.....	7
2.2 History of community forestry.....	8
2.3 Systematic approach to studying institutional issues.....	11
2.3.1 Community	11
2.3.2 Community-based forest management	11
2.3.4 CBFM as common property.....	13
2.3.4 Institutional analysis in community-based forest management	14
2.4 Design principles for useful common property resource institutions	23
2.5 Evolution of forestry policies in Vietnam: opportunities for community forest management	25
 Chapter III Research Methods	 32

3.1 Conceptual framework.....	32
3.2 Data collection	34
3.3 Data analysis	36
Chapter IV Community-based Forest Management of Van Tien Village	37
Chapter V Attributes of Common Pool Forest Resource in Van Tien Village.....	41
5.1 The status of the local forest	41
5.2 Attributes of the local forest	46
5.2.1 Subtractability	46
5.2.2 Excludability	48
5.2.3 Size, scarcity and proximity.....	48
Chapter VI Socio-Economic Characteristics of Van Tien Village	50
6.1 Background of the studied commune	50
6.1.1 Topography	50
6.1.2 Climate.....	51
6.1.3 Soil and land use	52
6.1.4 Population	53
6.1.5 Economic conditions.....	54
6.2 Socio-economic characteristics of Van Tien village community	55
6.2.1 The number of users	55
6.2.2 Land use pattern.....	58
6.2.3 Occupation	63
6.2.4 Income	65
6.2.5 Education	66
6.2.6 Social affiliation.....	68
6.2.7 Dependence on forest resource	69
6.2.8 Demand for forest resource in market	70
6.2.9 Conflicts in the use of forest resource	71
6.2.10 Leadership skill of the local leaders	72

Chapter VII Institutional Arrangements	75
7.1. Operational rules.....	75
7.1.1. Organizational arrangements and decision makers.....	79
7.1.2. Analysis of institutional arrangement at household level	82
7.2. Collective-choice and constitutional-choice rules	86
7.3. Strengths and weaknesses, advantages and opportunities, and difficulties and threats of the community based forest management.....	91
7.3.1. Strength and weakness.....	91
7.3.2. Advantages and opportunities.....	94
7.3.3. Difficulties and threats.....	96
Chapter VIII Forest Use and Patterns of Interaction	98
8.1. Cooperation.....	98
8.2. Opportunism	107
8.3. Free ridding behaviors	112
Chapter IX Performance of the Community-based Forest Management in Van Tien Village.....	115
9.1. Performance indicator measurement.....	115
9.2. Future performance of community-based forest management	121
9.3 Impacts of state policy implementing	125
Chapter X Conclusion and Recommendation	131
10.1 Main findings and discussion	131
10.2 Recommendations.....	135
10.2.1 For community-based forest management of the local	135
10.2.2 Feedback to policy-makers	137
References.....	139
Annex	148

List of tables

	Page
Table	
1 Number of forest dependent people of some countries in Southeast Asia	8
2 Summary table of different characteristics between state's and . community's forest management regime.....	12
3 Popular animal and plant species of the forests and their functions	41
4 Changes of forest resource of the commune.....	43
5 Annual average productivity of some crops in 1990, 1995 and 2000(100 kg / ha).45	45
6 Land classification in term of land use	53
7 Distribution of population among villages	54
8 Household size and labor (person).....	56
9 Land holdings for cultivation (ha)	59
10 Average percentage of household income in the village	65
11 Participation of respondents in organized groups.....	69
12 Dependence of household on forest resources (percentage) in the village	69
13 Content of respondents with the leaders	73
14 Perception of villagers on forest resource (percent)	82
15 Knowledge of respondents about operational rules and penalties	83
16 Percentage of villagers accepting the rules.....	84
17 Percentage of respondents who take part in decision-making process.....	85
18 Congruency of the rules with the community conditions	86
19 Motivations for villagers to cooperate in forest management	101
20 Percentage of villagers who participate in monitoring	103
21 Participation in the village meeting	104
22 Participation in other collective activities concerning forest management	105
23 Choice of strategy in compliance with the rules.....	105
24 Percentage of villagers taking the opportunistic behavior	109
25 Summary table of the variables significantly associated with the choice of compliance with the rules	110

26 Percentage of respondents having broken the rules related to forest management	114
27 Result of evaluating indicators	117

List of figures

	Page
Figure	
1 Conceptual framework of the study.....	32
2 Geographical location of the research area.....	51
3 Diagram of the organization of forest management	79

Abbreviation

CFM = Community forest management

CBFM = Community-based forest management

FAO = Food and Agricultural Organization of the United Nation

SFE = State forest enterprise

MOF = Ministry of Finance of the Socialist Republisch of Vietnam

UNDP = United Nation Development Program

CPRs = Common Property Resources