Rural household's dependency on community forest in Lalitpur District of Nepal

A Thesis Submitted to the Central Department of Rural Development Tribhuvan University/Patan Multiple Campus, Patan, Lalitpur, Nepal

In partial fulfillment of the requirements for the degree of MASTER OF ARTS in RURAL DEVELOPMENT

> By SUNIL POKHREL Department of Rural Development TU/Patan Multiple Campus, Patan, Lalitpur Kathmandu, Nepal

> > December 2007

APPROVAL SHEET

We certify that this thesis entitled "Rural household's dependency on community forest in Lalitpur District of Nepal" submitted by Sunil Pokhrel to the Central Department of Rural Development, Faculty of Humanities and Social Science, Tribhuvan University, in partial fulfillment of the requirements for the Degree of MASTER OF ARTS in RURAL DEVELOPMENT has been found satisfactory in scope and quality. Therefore, we accept this thesis as a part of the said degree.

Thesis Committee

Mansuri Malla Chairman

Prof. Dr. Ram K. Dahal External Examiner Bharat Pokharel Supervisor

Lal Babu Yadav Coordinator (RD Department)

Date: 23 December 2007

Declaration

I hereby declare that the job reported in this thesis entitled "Rural household's dependency on community forest in Lalitpur District of Nepal" submitted to Patan Multiple Campus, Faculty of Humanities and Social Science/Rural Development, Tribhuvan University, is my original work done in the form of partial fulfillment of the requirement for the Master in Arts (MA) under the supervision of Mr. Bharat Pokharel, Patan Multiple Campus, Tribhuvan University.

Sunil Pokhrel (Researcher)

Patan Multiple Campus/Rural Development

Acknowledgement

This thesis is the result of the assistance of many persons, to whom I owe profound gratitude. Dr. Bharat Pokhrel guided the research work and provided me with instrumental help at all stages of the study. My sincere thanks go to Mr. Pokharel. I am also equally indebted towards Mr. Lal Babu Yadav, Head of Rural Department (HoD) and Campus Chief of the same campus who assigned me to work under an intellectual, brilliant and strong supervisor Mr. Pokharel.

The faculty at the Rural Development Department at Patan Multiple Campus deserve a special thank for being so helpful whenever I sought their assistance.

I am equally thankful to my parents, my wife and my children for being patient and helpful during the research tenure.

December 2007

Sunil Pokhrel Lalitpur

Table of Content

ACKNOWLEDGEMENT	IV
TABLE OF CONTENT	VII
LIST OF TABLES	VIII
LIST OF APPENDICES	IX
LIST OF ABBREVIATIONS	Х

INDRODUCTION

Background of the Study	1
Statement of the Problem	2
Objectives of the study	3
Significance of the study	4

REVIEW OF LITERARURE

Achievements and contribution	9
Farm-forestry interrelationship	9
Impact of community forestry on livelihood	10

RESEARCH METHODOLOGY

The study area	12
Methods	14
Sampling design	14
Statistical analysis	16

ANALYSIS OF DATA AND FINDINGS

Analysis of descriptive data	
Results of ² Tests	21
Dependency according to property regimes	
among forest users	25
Forest as a source of fuelwood	32
Forest as a source of fodder and grasses	33
Forest as a source of litter and bedding	34
Forest as a source of timber	35
Frest as a source of non-timber forest products	35.
Conclusion	36
Reference	40
Appendices	42

LIST OF TABLES

Table		
		Page
1:	General information about the selected CFUGs	14
2:	Categorizing the economic regime of community forest users	15
3.	Forest product collection activities in different community forests	
	by households by different economic status	17
4:	The rules and regulations of access to different forest products in	
	different community forests of research sites	20
5:	Frequencies of fuelwood collection by households of different economic status	.22
6:	Frequencies of litter and bedding materials collection by households of	
	different economic status	23
7:	Frequencies of timber collection by households of different economic status	24
8:	Frequencies of non-timber forest products (NTFP) collection by households	
	of different economic layer	25
9:	Grass and Fodder contribution from community, national	
	forest and private land (percentage)	28
10:	Fuelwood contribution from community, national forest and private land (percent).	29
11:	Bedding and litter contribution from community,	
	national forest, and private land (percent)	30
12:	Timber contribution from community, national forest and private land (percent).	. 31

LIST OF APPENDICES

Appendix

I: Questionnaire for Household survey	42
II: Questionnaire for Committee members/key informants	46
III: Checklist or Issues for Group Discussions	48

ABBREVIATION

CF:	Community Forest
CFUG:	Community Forest User Group
DoF	Department of Forestry
NPC	National Planning Commission
NTFP	Non-timber Forest Products