

**INCOME GENERATING ACTIVITIES OF COMMUNITY
FORESTRY USER GROUPS**

**A CASE STUDY OF RAM DHUNI KALI COMMUNITY FOREST USER GROUPS
OF HARNAMADI VDC, MAKWANPUR DISTRICT**

**A Thesis Submitted in Partial Fulfillment of the Requirement for the
Awards of the Degree of Master of Arts in Rural Development**

SUBMITTED BY

ISHWARI PRASAD KHATIWADA

Roll No. 396

Regd. No. 6-1-1-222-98

**Central Department of Rural Development,
Faculty of Humanities and Social Science
Tribhuvan University, Kirtipur
Kathmandu, Nepal
2008**

**INCOME GENERATING ACTIVITIES OF COMMUNITY
FORESTRY USER GROUPS**

**A CASE STUDY OF RAM DHUNI KALI COMMUNITY FOREST USER GROUPS
OF HARNAMADI VDC, MAKWANPUR DISTRICT**

**A Thesis Submitted in Partial Fulfillment of the Requirement for the
Awards of the Degree of Master of Arts in Rural Development**

SUBMITTED BY

ISHWARI PRASAD KHATIWADA

Roll No. 396

Regd. No. 6-1-1-222-98

Central Department of Rural Development,

Faculty of Humanities and Social Science

Tribhuvan University, Kirtipur

Kathmandu, Nepal

2008

RECOMMENDATION LETTER

This thesis entitled "**Income Generating Activities of Community Forestry User groups: A Case Study of Ram Dhuni Kali Community Forestry User Groups in Harnamadi VDC, Makwanpur District**" has been prepared and written by Ishwari Prasad Khatiwada under my supervision. This is his independent work. So, I recommend it for final approval.

.....
Mr. Ratna Mani Nepal

(Supervisor)

Central Department of Rural Development

T.U., Kirtipur

APPROVAL LETTER

This is to certify that the thesis entitled "**Income Generating Activities of Community Forestry User groups: A Case Study of Ram Dhuni Kali Community Forestry User Groups in Harnamadi VDC, Makwanpur District**" submitted by Mr. Ishwari Prasad Khatiwada has been examined. It has been declared successful for fulfillment of the academic requirements toward the completion of Masters of Arts in Rural Development.

Thesis Committee

External Examiner

Prof. Dr. Pradeep Kumar Khadka

Central Department of Rural Development

T.U., Kirtipur

Thesis Supervisor

Mr. Ratna Mani Nepal

Central Department of Rural Development

T.U. Kirtipur

Head

Prof. Dr. Pradeep Kumar Khadka

Central Department of Rural Development

T.U., Kirtipur

ACKNOWLEDGEMENTS

This study, "**Income Generating Activities of Community Forestry Users Groups: A Case Study of Ram Dhuni Kali Community Forest User Groups in Harnamadi VDC, Makwanpur District**" is completed for the partial fulfillment of the requirement for the Degree of Master of Arts in Rural Development.

I am highly obliged to lecturer Mr. Ratna Mani Nepal who supervised this thesis throughout the period of preparation.

At this moment, I must not forget Prof. Dr. Pradeep Kumar Khadka, Head of the Central Department of Rural Development, for his cooperation.

I would like to extend my sincere thanks to all respected teachers and staffs of the Department. My sincere acknowledgement also goes to all the staffs of T.U. Central Library, Makwanpur DFO, Ram Dhuni Kali Community Forest User Groups, Executive Member of this CFUGs, FECOFUN, study area respondents, households, who has given their valuable time to fulfill the questionnaire and for their views.

I would further express my gratitude to my guardians, brother-Chhabi Siwakot, friend Narendra P. Katuwal, Rudra P.Bhattarai and all my friends of Rural Development senior or junior students for their full support.

December, 2008

Ishwari Prasad Khatiwada

ABSTRACT

Community forestry is a small scale, village level forestry practice where decisions and actions are often made on a collective basis, and where the rural population participate in planning, establishment, management and harvesting of forest crops and receive a small proportion of the socio-economic and ecological benefits from the forest.

Community forestry was introduced in Nepal in 1978s. The community forestry approach has been highly successful in the protection of the forest in the hills of Nepal. The local user groups are responsible for the control, protection, and management of the forest.

The research is done on the current issue of income generation activities. Forest as local resources are main resources and also source of livelihood of flora, fauna and human beings. This study focuses on income generation of Ram Dhuni Kali CFUGs of Makwanpur district. The main objective of this study is to investigate on Income Generating Activities. However, other specific objectives are;

-) To analyze the socio-economic status of the forest users group.*
-) To asses the income generating activities of forest user groups.*

This study has adopted both the descriptive and exploratory research designs. Out of 310 HHs only 13 percent (40 HHs) had been selected by purposive sampling. On the process of data collection both primary and secondary sources has been used.

The above study shows that the resources of CF had changed the socio-economic status of the local communities as well as the level of participation had been increased rapidly. But for the further work it is recommended to adopt better trainings, skills, awareness, etc.

TABLE OF CONTENTS

Recommendation Letter	i
Approval Letter	ii
Acknowledgement	iii
Abstract	iv
Table of Contents	v
List of tables	viii
List of Figures	ix
Abbreviation and Acronyms	x
CHAPTER-I: INTRODUCTION	1-6
1.1 Background of the Study	1
1.2 Statement of the Problem	1
1.3 Objectives of the Study	3
1.4 Importance of the Study	4
1.5 Limitations of the Study	4
1.6 Organization of the Study	5
CHAPTER-II: REVIEW OF LITERATURE	7-22
CHAPTER-III: RESEARCH METHODOLOGY	23-25
3.1 Research Design	23
3.2 Sample and Sampling Procedure	23
3.3 Sources of Data Collection	24
3.4 Data Collection Tools and Technique	24
3.4.1 Questionnaire Survey	24
3.4.2 Key Informant Interview	24
3.4.3 Field Observation	24
3.4.4 Focus Group Discussion	25

3.5	Data Processing	25
3.6	Data Analysis	25
CHAPTER - IV: INTRODUCTION OF THE STUDY AREA		26-36
4.1	Country Background	26
4.2	Glimpse of Makwanpur District	26
4.2.1	Geographical Condition	28
4.2.2	Major Ethnic Composition in Makwanpur District	28
4.2.3	Socio-economic Situation	28
4.2.4	Land Use	29
4.2.5	Climate and Soil	29
4.2.6	Community Forestry in Makwanpur	30
4.2.7	Religions Composition of Makwanpur District	31
4.3	Village Profile	31
4.4	Description of the Selected CFUGs	26
CHAPTER-V: SOCIO-ECONOMIC STATUS OF THE STUDY AREA		37-50
5.1	Total Number of Households and Sample	37
5.2	Ethnic Composition of Sampled HHs	37
5.3	Family Sizes of Ethnic Groups	39
5.4	Sex Composition of Sampled HHs	39
5.5	Educational Status of Sample Household According to Sex	42
5.6	Occupational composition of sampled Households	44
5.7	Distribution of Livestock Holding in the Sampled Households	45
5.8	Feeding Pattern of Livestock in Sampled HHs	46
5.9	Distribution of Land Holding in Sampled Households	46
5.10	Crops Production of Sample Households	47
5.11	Well-being Ranking of Sampled Household	49

CHAPTER - VI: INCOME GENERATING ACTIVITIES		
OF CFUGS		51-57
6.1	Introduction	51
6.2	Income Generating Activities of Ramdhuni Kali CFUG	51
6.2.1	Amliso (Broom Grass) Farming	51
6.2.2	Turmeric Farming	52
6.2.3	Other Sources of Income for CFUG	53
6.3	Sources of Income for Sampled Households	55
6.4	Annual Income of the Sampled Household	57
CHAPTER-VII: SUMMARY, CONCLUSION AND		
RECOMENDATONS		58-61
8.1	Summary	58
8.2	Conclusion	59
8.3	Recommendations	60
BIBLIOGRAPHY		
QUESTIONNAIRE		

LIST OF TABLES

Table No. 2.1 : Different Capitals and Their Fields of Research and Nature of Policy	16
Table No. 4.1 : Land Holding Pattern in Makwanpur District	30
Table No. 4.2 : Religious Composition of Makwanpur District	31
Table No. 4.3 : Household having Agricultural Land, Livestock and Poultry for Harnamadi VDC	33
Table No. 4.4 : Total Number of Population According to Caste Groups	34
Table No. 4.5 : Population 6 Year of Age and Over by Literacy Status and Sex for VDC	35
Table No. 5.1 : Ethnic Composition of Sampled HHs	38
Table No. 5.2 : The Family Size of Ethnic Groups in Sample HHs	39
Table No. 5.3 : Sex Composition of Sampled Households	40
Table No. 5.4 : Educational Status of Sampled Households	43
Table No. 5.5 : Occupational Composition of Sample Households	44
Table No. 5.6 : Distribution Livestock Holding of Sample Households	46
Table No. 5.7 : Distribution of landholding pattern in Sample Households	47
Table No. 5.8 : Distribution of crops production in Sampled Households	48
Table No. 5.9 : Well-being Ranking of Sampled Households	49
Table No. 6.1 : Average Annual Income of samples HHs in Ram Dhuni Kali CFUG.	57

LIST OF FIGURES

Figure No. 1	: District Map of Makwanpur (Land use map)	27
Figure No. 2	: Land Use Pattern in Makwanpur District	29
Figure No. 3	: VDC Map	32
Figure No. 4	: Population 6 Year of Age and Over by Literacy Status and Sex for VDC	35
Figure No. 5	: Ethnic Composition of Sampled HHs	38
Figure No. 6	: Educational status of sampled Households	43
Figure No. 7	: Occupational Composition of Sample Households	45
Figure No. 8	: Distribution of Land Holding Pattern	47
Figure No. 9	: Distribution of Crops Production in Sampled Households	48
Figure No. 10	: Well-being Ranking of Sampled Households	50

ABBREVIATIONS AND ACRONYMS

BS	–	Bikram Sambat
CBS	–	Central Bureau of Statistics
CF	–	Community Forestry
CFP	–	Community Forest Programme
CFUGs	–	Community Forest User Groups
DDC	–	District Development Committee
DFID	–	Department for International Development
DFO	–	District Forest Office
etc	–	Etcetera
FECOFUN	–	Federation of Community Forest Users, Nepal
FY	–	Fiscal Year
GDP	–	Gross Domestic Product
ha	–	Hectare (1000 Square Meters)
HHs	–	Households
HMG/N	–	His Majesty's Government of Nepal
i.e.	–	That is
IGAS	–	Income Generating Activities
INGOS	–	International Non-Government Organizations
K.M.	–	Kilometer
LFP	–	Livelihoods and Forestry Programme
MOF	–	Ministry of Finance
MPFS	–	Master Plan for the Forestry Sector
NGOs	–	Non Government Organization
No.	–	Number
NPC	–	National Planning Commission
NRs	–	Nepali Rupees
NTFPs	–	Non-Timber Forest Products

NUKCFP	–	Nepal UK Community Forestry Project
PRA	–	Participatory Rural Appraisal
RP	–	Range Post
Rs	–	Rupees
Sq.	–	Square
UGC	–	User Group Committee
UNDP	–	United Nations Development Program
VDCs	–	Village Development Committees
WDR	–	World Development Report