

Dedication

To my Mother

To my Father

To my dear brothers and sisters

To my all family

To my teachers, friends colleagues
and students

With best love and respect

Salim haroun

Acknowledgements

I would like to express my deep and special thanks to supervisor Dr. Mohammed Osman Mohammed Ibnouf, Faculty of Forestry and Range Sciences, University of Sudan of Sciences and Technology, for his supervision, .advice and helpful

Deep and thanks are also extended to my father, mother, brothers and sisters for .their valuable support and encouragement through out this study

Finally my special appreciation is due to all members of family, my all teacher's friends and colleagues BSc. Alfashir University especially in Forest and Range Sciences Department and MSc. Environmental Forestry, Sudan University of Sciences and Technology and worm extend to Teaching Staff of Faculty of .Forest Sciences, Zalingei University

List of Contents

No	Contents	Page
-	Dedication	I
-	Acknowledgments	II
-	List of contents	III-VI
-	List of Tables	VII
-	List of figures	VIII
-	Glossary	IX-X
-	English Abstract	XI
-	Arabic Abstract	XII
	CHAPTER- ONE	
	INTRODUCTION	
1:1	Background	1
1:2	Problem statements	3
1:3	Objectives of study	3
1:4	Hypothesis	3
	CHAPTER TWO	
	Literature Review	
2:1	General	4
2:2	Natural Forests	8
2:3	Man-made forests	8
2:4	Forest and rural people	10
2:5	Origin of community forestry	10
2:6	Concept of community forestry	12
2:7	Goals and Objectives of Community Forestry	12
2:8	The Development of Social Forestry	14
2:9	Social Aspects in Community Forest	15
2:10	Community Forestry Management	16
2:11	Community Forestry Activities	18
2:12	Forest Policy and Community Forestry	19
2:13	The Evolution of Community Forestry in Practice	23
2:14	<i>Eucalyptus</i> plantations	24
2:14:1	<i>Eucalyptus</i> Plantation in the Sudan	25
2:14:2	<i>Eucalyptus</i> spp	26
2:14:3	<i>Eucalyptus Camaldulensis</i>	27
2:14:4	Description	27

2:14:5	Distribution	28
2:14:6	Reproduction	28
2:14:6:1	Breeding system	28
2:14:6:2	Pollination	29
2:14:6:3	Flowering	29
2:14:6:4	Ecology	29
2:14:6:5	Cultivation	30
2:14:6:6	Harvesting	30
2:14:6:7	Yields and Economics	30
2:15	Uses	30
CHAPTER THREE		
Study Area		
3:1	Location	32
3:2	Population	34
3:3	Area of Eldoom association	34
3:4	Climate	34
3:5	Vegetation cover	36
3:6	Soil and Topography	38
3:7	Agriculture	38
3:8	Water resources	38
CHAPTER FOUR		
Materials and methods		
4:1	General	39
4:2	Data collection	39
4:3	Socio-economic data	39
4:3	Data analysis	39
CHAPTER FIVE		
Results and Discussion		
5:1	Background	40
5:2	Age range of the respondents	40
5:3	Sex group	41
5:4	Day income	41
5:5	Source of Income	41
5:6	Marital status	42
5:7	Educational level	42
5:8	Household size	43

5:9	Community forestry objectives	43
5:10	Type of participation in agricultural activities in the forest	44
5:11	Forest revenue income	45
5:12	Community forestry improved the standard of respondent's lives	45
5:13	Forest extension services	46
5:14	Type of fuel used in cooking	46
5:15	Community forestry benefits and marketing	47
5:16	Sources of obtaining building materials and energy supply before the forest	47
5:17	The problems and constrains	48
	CHAPTER SIX	
	Conclusions and Recommendations	
6:1	Conclusions	49
6:2	Recommendations	50
6:3	References	51
6:4	Appendix	60

List of tables

No	Title	Page
1	the respondents Age range of	40
2	Day income	41
3	Source of income	41
4	marital status	42
5	Educational level	42
6	Household size	43
7	Community forestry objectives	43
8	Type of fuel used in cooking	46
9	Sources of obtaining building materials and energy supply before establishing the forest	47

List of figures

No	Title	Page
1	Location map of Eldoom village	33
2	Sudan Vegetation Map	37

Glossary

- ❖ **CF** Community Forestry
- ❖ **CFA** Community Forestry Activities
- ❖ **CFM** Community Forest Management
- ❖ **CFMS** Community Forest Management System
- ❖ **CFP** Community Forestry Programmers
- ❖ **CFPA** Concerning forests protection Article
- ❖ **FA** Forest Area
- ❖ **FAO** Food and Agricultural Organization
- ❖ **FCR** Conservation Rules
- ❖ **FD** Forest Department
- ❖ **FD** Forest Department
- ❖ **FM** Forest Management
- ❖ **FMS** Forest Management System
- ❖ **FNC** Forest National Corporation
- ❖ **FPCF** Forest Policy and Community Forestry
- ❖ **FPCF** Forest Policy and Community Forestry
- ❖ **FSD** Forest Sector Development
- ❖ **GA** Gum Arabic
- ❖ **GDP** Government Development Programme
- ❖ **MMF** Man-Made Forests
- ❖ **MOA** Ministry of Agriculture
- ❖ **NFA** Natural Forest Area
- ❖ **NWFP** None Wood Forest Products
- ❖ **PMEC** Poor Mans Energy Crisis
- ❖ **RG** Regional Government Act
- ❖ **RNRA** Renewable Natural Resource Act
- ❖ **SFDP** Social Forestry Development Programme

- ❖ **TOE** Tons of Oil Equivalent
- ❖ **USA** Unit State of American
- ❖ **WFC** World Forestry Congress
- ❖ **WFD** Wood Forests Department

Abstract

Socio-Economic Impacts of Community Forestry in (Khartoum State (Eldoom Community Forest

The responsibility in the social forestry management is for making proper arrangements on both technical and organizational aspects which rests with local villagers based on their objectives. The broad objective of this research is to assess socio-economic impacts of Eldoom social forestry to sustainable management for its achieve the environmental, economic and social benefits different challenges and problems Were found confronting sustainable activities. Two types of data were used in this study; data was collected through questionnaire.

The research concluded that all the agriculture activities in forest management were achieved by rent laborers'. The objective of establishing community forestry from the perception of the local people to solve some problems related to land uses.

Community forestry is managed by selected committee from association members which are responsible for supervision, monitoring, marketing products and use the revenue income to establish and develop the village and support some social activities, The research concluded that the ignore women and younger (youth) participation in forest management and good contact between Forest National Corporation and forest management members. Research conducted some recommendations such as improvement of existing infrastructure in the study area which will affect positively the community forest.

الخلاصة

الأثر الإقتصادي والإجتماعى للغابات الشعبية في ولاية الخرطوم -
غابة الدوم الشعبية

إن المسؤولية في إدارة الغابات الشعبية لعمل ترتيبات سليمة مبنية على النواحي الفنية والتنظيمية يعتمد على السكان المحليين, ويتم ذلك اعتمادا على الأهداف التي تم تحديدها بواسطة أفراد الجمعية.

ينحصر مجال هذه الدراسة في تقييم الأثر الإقتصادي والإجتماعى لغابة الدوم الشعبية لأدارتها بصورة مستدامة للحصول على الفوائد البيئية والإقتصادية والإجتماعية. إلا إن هناك العديد من المهددات والمشاكل التي تحد من استمرارية النشاط بصورة مستدامة, تم الاعتماد على نوعين من المعلومات في هذا البحث هما الزيارات الميدانية والاستبيان.

أكدت النتائج المستخلصة من البحث أن النشاطات الفلاحية المختلفة في إدارة الغابة يتم تنفيذها بواسطة إيجار عمال, الهدف من إنشاء غابة شعبية وفق منظور السكان المحليين هو إيجاد حل لمشكلة الملوحة والاستفادة من تلك الأراضي لتكون ذات فائدة يستفاد منها في تنمية القرية.

تتم إدارة الغابة الشعبية بواسطة لجان منتخبة من قبل أفراد الجمعية والتي يكون من مهامها الإشراف والمتابعة وتسويق المنتجات واستخدام العائد في إنشاء المرافق الخدمية ودعم بعض الحالات الاجتماعية أوضحت الدراسة غياب مشاركة النساء والشباب في إدارة الغابة و قوة الصلة بين الهيئة القومية للغابات ومجلس إدارة الغابة .

كما خلصت هذه الدراسة لعدد من التوصيات مثل تحسين البنيات التحتية فى منطقة الدراسة والتي يكون لها أثر إيجابى على الغابة الشعبية.

