http://dspace.org

School of Public Health

Thesis and Dissertations

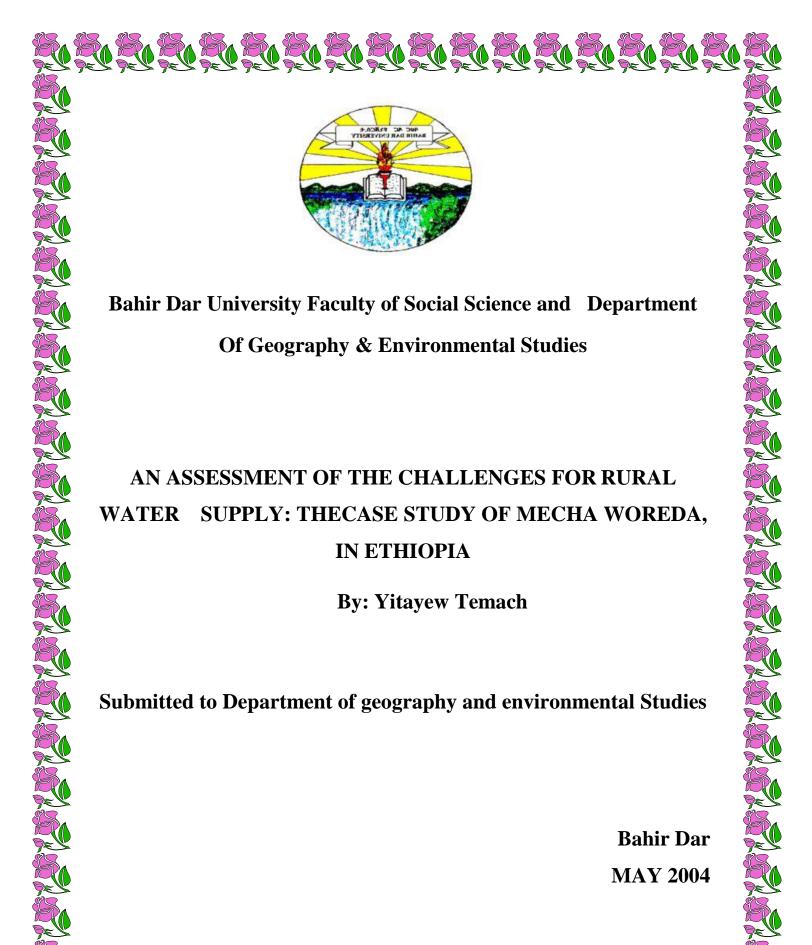
2004-05

An Assessment of The Challenges for Rural Water Supply: Thecase Study of Mecha Woreda, In Ethiopia

Yitayew, Temach

http://ir.bdu.edu.et/handle/123456789/13677

Downloaded from DSpace Repository, DSpace Institution's institutional repository



ACKNOWLEDGEMENT

My heartfelt thanks are owed to my advisor Ato Arega Bazezew (Assi.Prof). I sincerely thank him for his advice and guidance in all areas of this thesis, from reviewing the proposal, editing the survey questionnaires and editing and commenting the thesis.

My heartfelt thanks go to Dr Yitayal Anley for his advice and guidance by commenting and editing draft document of this thesis. Special thanks also go to Ato Yirga Kebede, Ato Aragaw Shibabaw who helped me in editing this thesis.

My heartfelt thanks also goes to my wife Yalemwork Yitayew for her advice and encouragement in finishing the thesis. And finally I would like to thank all families who are always on the side of me.

TABLE OF CONTENTS

4	ACKNOWLEDGEMENT	- i
Т	ABLE OF CONTENTS ii	
I	LIST OF ACRONYMS	iii
(CHAPTER ONE	
1.	Introduction	1
1.1	Background of the study	1
1.2	Statement of the Problem	4
1.3	Research Objectives	5
1.4	Research question/hypothesis	5
1.5	Significance of the study	6
1.6	Scope and Limitation of the study	6
	CHAPTER TWO	
	2.1 Related literature	7
2.2	Related research	7
	2.2. Determinants of sustainability	8
	2.2.1 Demand responsive approach	8
	2.2.2. Community and women participation	9
	2.2.3. Types of Technology	
	2.2.4. Institutional Support	10
	2.2.5. Raising Awareness and Training to Community and Management Bodies	11
	2.2.6. Cost Sharing and Cost Recovery	12
	2.2.7. Users Satisfaction and Willingness to Sustain the System	
	2.3. Conceptual frame work	14

CHAPTER THREE

3	Research me	thods and materials	15	
3.1	3.1 Description of the study area			
3.2	3.2 Research design and methodology19			
	3.2.1	Research types/designs	-19	
	3.2.2	Sampling techniques	19	
	3.2.3	Data sources	-20	
	3.2.4	Data collection techniques	20	
	3.2.5	Data Analysis	21	
4	Reference		22	
5	Time plane-		27	
6	Budget Plan-		-28	

LIST OF ABBREVIATIONS USED IN THE PAPER

ADF African Development Fund

CSA Central Statistical Agency

DRA Demand Responsive Approach

IWRM Integrated Water Resource Management

MDGs Millennium Development Goals

MoWRs Ministry of Water Resources

NGOs Non-Governmental Organization

O&M Operation and Maintenance

ORDA Organization for Rehabilitation and Development in Amhara

SPSS Statistical Package for Social Sciences

UNICEF United Nations Children's Fund

WAE Water Aid Ethiopia

WASH Water Supply Hygiene and Sanitation

WHO World Health Organization

WTP Willingness-to-pay

WUCs Water use committees