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**EFFECTIVENESS OF COMMUNITY
PARTICIPATION IN MINOR IRRIGATION
REHABILITATION PROJECTS**

BY

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“This dissertation was submitted to the Department of Civil Engineering of the University of Moratuwa in partial fulfillment of the requirements for the Master of Science in Construction Project Management”

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ABSTRACT

Participatory Irrigation Management (PIM) is the concept that farmers or irrigation water users participate with Irrigation Department or relevant irrigation management organization on decision making and conducting irrigation activities in aspects of construction and operation and maintenance as mutually agreed or determined.

Farmers or farmer organization can participate with irrigation department in four stages such as project planning stage, pre-contract stage, construction stage and operation and maintenance stage. In this research the focus is on how effective farmer participation is in minor irrigation construction

Literature Review in this research carried out according to the research objectives. Literature findings and discussion of direct involve officers in Provincial Irrigation Department, North Central Province, through developing a questionnaire. Here in data collection is aimed at three categories such as management staff, beneficiaries having successful projects and beneficiaries having unsuccessful projects. All beneficiaries covered six divisional secretaries.

The research concludes that there were many factors should improve for the successfulness of beneficiary participation projects in minor irrigation construction. The findings have emphasized on training programs for beneficiaries about construction principles. Farmer organization should be strengthening in financially and pay monthly bill. Communication should develop with farmers such as monthly site meetings, frequently site visits etc. Management staff should give continuous support to maintain the cash flow of FOs during the construction process and should be aware politician and policy makers.

Key words: Beneficiary Participation, Participatory Irrigation Management, Minor Irrigation Construction Projects.

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ABBREVIATIONS AND ACRONYMS

DAC	-	District Agriculture Committee
DCs	-	Distributor Canals
FO	-	Farmer organization
PPP	-	Pilot Participatory Project
ILO	-	International Labour Organization
UN	-	United Nations
WB	-	World Bank
JICA	-	Japan International Cooperation
NGO	-	Non Government Organization
IFAD	-	International Fund for Agriculture Development
NCP	-	North Central Province
PID	-	Provincial Irrigation Department
CARE	-	Conflict Affected Regent Emergency
ENDRP	-	Emergency Natural Disaster Rehabilitation Project
CBO	-	Community Based Organizations
PIM	-	Participatory Irrigation Management
LSI	-	Large Scale Irrigation
JMC	-	Joint Management Committee
INMAS	-	Integrated Management Agricultural System