

**A STUDY ON CLIMATE CHANGE AND LOCAL ADAPTATION IN AGRICULTURE SECTOR
(A Case Study of Kavre and Rupandehi Districts)**

**A Thesis
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**BY
Naresh Khanal
Roll No.: 462/2066
T.U. No. 6-2-52-200-2005
Central Department of Economics
Tribhuvan University, Kirtipur
Kathmandu, Nepal**

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LETTER OF RECOMMENDATION

The Thesis entitled “**Impact of Climate Change and Local Adaptation in Agriculture Sector: Case of Kavre and Rupandehi District**” has been prepared by **NareshKhanal** under my supervision in partial fulfillment of the requirements for the Degree of Master of Arts in Economics.

I forward it with recommendation for approval.

Dr.RashmeeRajkarnikar
Thesis Supervisor
Central Department of Economics
Tribhuvan University
Kirtipur, Kathmandu
Nepal

Date: December 22, 2015 A.D.

2072/09/07 B.S.

APPROVAL LETTER

The Thesis entitled “**Impact of Climate Change and Local Adaptation in Agriculture Sector: Case of Kavre and Rupandehi District**” prepared by **NareshKhanal** has been accepted as a partial fulfilment of the requirements for the Degree of Master of Arts in Economics.

Research Committee

.....
Prof.Dr.R.P. Gyawali
Department Head

.....
Asso. Prof.Tara Prasad Bhusal
External Supervisor

.....
Dr.RashmeeRajkarnikar
Research Supervisor

Date: December 29, 2015 A.D.
2072/09/14 B.S.

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ABBREVIATIONS

AFDB	African Development Bank
APT	Actual Evapotranspiration
CBS	Central Bureau of Statistics
CO ₂	Carbon Dioxide
CV	Coefficient of Variation
DHM	Department of Hydrology and Metrology
FAO	Food and Agricultural Organization
GHG	green house gases
GLOF	Glacier Lake Outburst Flood
Ha	Hectares
ICIMOD	International Center for Integrated Mountain Development
IPCC	Inter Governmental panel on Climate Change
Km	Kilometer
M	Meter
MOAD	Ministry of Agricultural Development
MOPE	Ministry of Population and Environment
mm	Millimeter
NASDP	the National Agriculture Sector Development Priority
°C	Degree Celsius
PET	Potential Evapotranspiration
TYIP	Three-Year Interim Plan
UNDP	United Nation Development Project
UNEP	United Nation Environment Program
WMO	World Metrological Organization