

SEISMIC RISK ASSESSMENT OF TRIYUGA
MUNICIPALITY

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RECOMMENDATION LETTER

This is to certify that the thesis submitted by **Mr. Prakash Rai** entitled “**Seismic Risk Assessment of Triyuga Municipality**” has been prepared under my supervision in the partial fulfillment of the requirements for the degree of Master of Arts in Geography. I recommend this thesis to the evaluation committee for examination.

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ABBREVIATIONS

BCDP	Building Code Development Project
CBS	Central Bureau of Statistics
DPNet	Disaster Preparedness Network Nepal
DUDBC	Department of Urban Development and Building Construction
GIS	Geographical Information System
GPS	Global Positioning System
HFF	Himalayan Frontal Fault System
INGO	International Non Governmental Organization
ITC	International Institute of Geo-information Science and Earth Observation
JICA	Japan International Cooperation Agency
MBT	Main Boundary Thrust
MCT	Main Central Thrust
MDR	Mean Damage Ratio
MMI	Modified Mercally Intensity
MuAN	Municipal Association of Nepal
NA	Not Available
NGO	Non Governmental Organization
NSET	National Society for Earthquake Technology
NSDRM	National Strategy for Disaster Risk Management
PESH	Potential Earth Science Hazard
PGA	Peak Ground Acceleration
PGD	Peak Ground Deformation
RADIUS	Risk Assessment tools for Diagnosis of Urban Areas against Seismic Disasters
RS	Remote Sensing
UNDP	United Nations Development Program
VDC	Village Development Committee