

Sociological Reflections on Governing Waste
(A Sociological Study of Institutional Solid Waste Management
in Balaju, Kathmandu)



A THESIS SUBMITTED TO
Central Department of Sociology, Tribhuwan University
In the partial fulfillment of the requirement for
Master of Arts in Sociology

Submitted By:
Kishor Adhikari
Roll No: 282007
Level: MA 2nd Year
TU Registration Number: **6-1-20-260-2005**
April, 2017



TRIBHUBAN UNIVERSITY
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LETTER OF RECOMMENDATION

This dissertation entitled **Sociological Reflection On Governing Waste (A Sociological Study of Institutional Solid Waste Management in Balaju, Kathmandu** has been prepared by Kishor Adhikari under my supervision for partial fulfilment of the requirements for the degree of Master of arts in Sociology. I, therefore, recommend this thesis to be accepted for its evolution.

.....
Dr. Meena Upreti
(Thesis Supervisor)
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Date: April 2017

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LETTER OF APPROVAL

The dissertation work entitled "**Sociological Reflection On Governing Waste (A Sociological Study of Institutional Solid Waste Management in Balaju, Kathmandu)**" submitted by Mr. Kishor Adhikari has been accepted and approved as partial fulfillment of the requirement for the degree of Masters of Arts in Sociology by the evaluation committee comprising of:

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Head of Department

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Date: 25th April, 2017

DECLARATION LETTER

I hereby declare that the thesis entitle *Sociological Reflection On Governing Waste (A Sociological Study of Institutional Solid Waste Management in Balaju, Kathmandu)* has been prepared by Kishor Adhikari submitted to the Central Department of Sociology, Tribhuwan University, is entirely my original work prepared under the guidance and supervision of my supervisor Dr. Meena Uprety. I have made due acknowledgements to all ideas and information borrowed from different sources in the courses in the source of preparing this thesis. The results of this thesis have not been presented or submitted anywhere else for the aware of any degree or for any other purpose. I assure that no part of the content of this thesis has been published in any from before.

.....

.....

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Adhikari
Central Department of
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25th April, 2017

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This study entitled “*Sociological Reflection on Governing Waste (A Sociological Study of Institutional Solid Waste Management in Balaju, Kathmandu)*” is carried out for the partial fulfillment of master Degree in Sociology from the Department of Sociology of Tribhuvan University, kripipur, Kathamandu, Nepal

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.....

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25th April, 2017

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ACRONYMS/ABBREVIATION

C&D	Construction and demolition
CDM	Clean Development Mechanism
CEO	Chief Executive Officer
CHP	Combine Heat and Power
EAP	East Asia and Pacific region
ECA	Europe and Central Asia region
EfW	Energy-from-waste
GHG	Greenhouse gas
HIC	High-income country
ICI	Industrial, commercial, and institutional
ICIMOD	International Centre for Integrated Mountain Development
IPCC	Intergovernmental Panel on Climate Change
ISO	International Organization for Standardization
ISWM	Integrated solid waste management
KG	Kilogram
Kg/capita/day	Kilograms Per Capita Per Day
KMC	Kathmandu Metropolitan City
LCA	life cycle analysis
<u>LDPE</u>	Low Density Polyethylene
LIC	Low-income country
LMIC	Lower middle-income country
MRF	Materials recovery facility
MSW	Municipal solid waste
NGO	Non Governmental Organization
OECD	Organization for Economic Co-operation and Development
<u>PAH</u>	Polycyclic Aromatic Hydrocarbon
<u>PP</u>	Polypropylene
<u>PS</u>	Polystyrene
<u>PVC,</u>	Poly Vinyl Chloride
SAMDAN	Social Awareness and Multipurpose Development Alliance Nepal
SAR	South Asia region
SWM	Solid Waste Management
UK	United Kingdom
UMIC	Upper middle-income country
USA	United States of America
WtE	<u>Waste-to-energy</u>