

Nepal

DEVELOPMENT Atlas

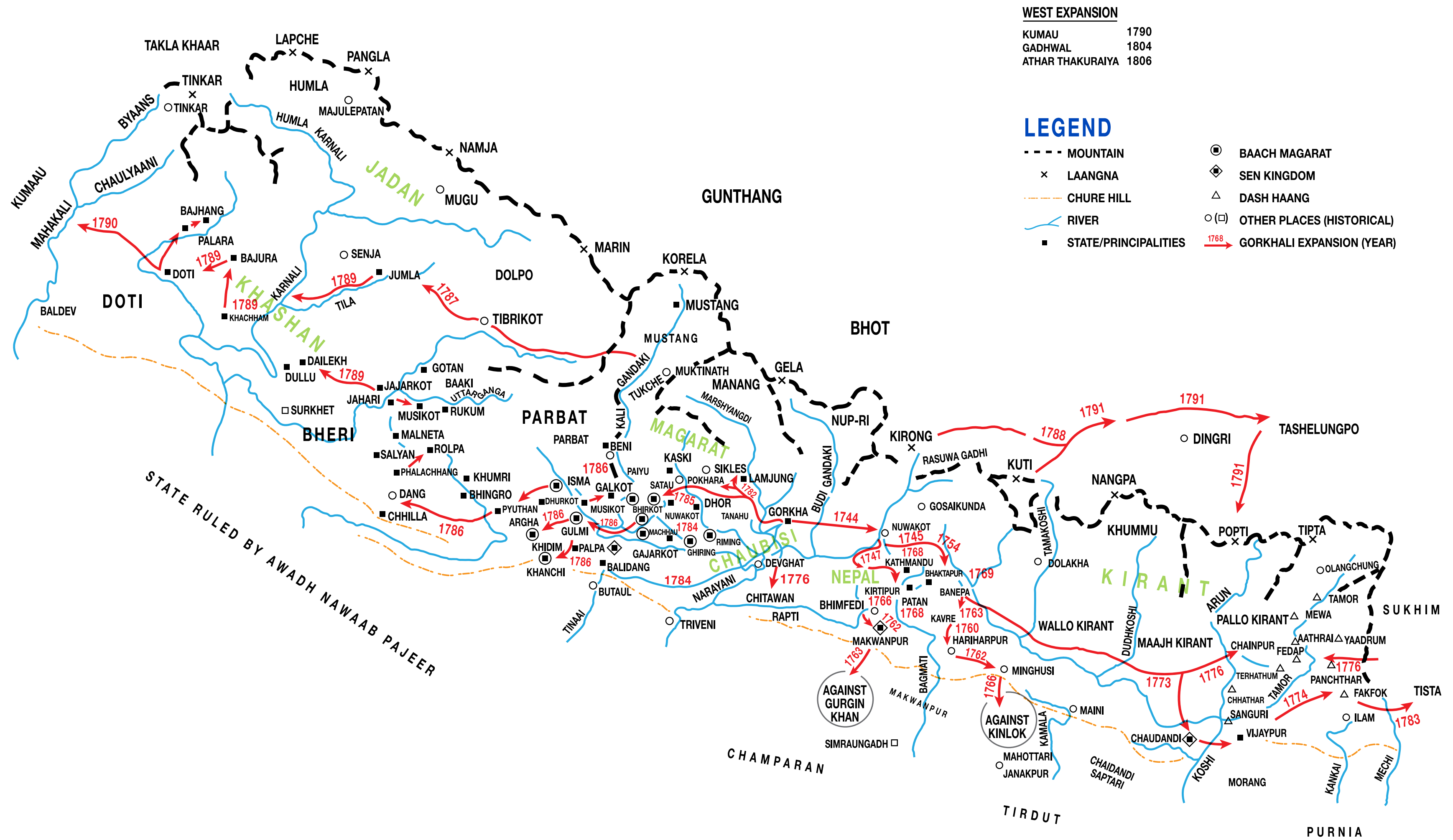


Energy & Environment



Nepal in Data

2019



18TH CENTURY MAP OF NEPAL

SOURCE: PANCHAYAT SMARIKA

NEPAL

DEVELOPMENT

Atlas

FOREWORD

ACKNOWLEDGEMENTS

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The advancement of Geographic Information System (GIS) has brought significant changes when it comes to capturing, storing, analyzing, managing and presenting spatial and geographical data. As an interactive visualization and decision-support tool, GIS, nowadays, plays a crucial role in evidence-based development planning by showing the distribution of development across Nepal. It also helps the decision makers at provincial and local spheres by identifying the potentialities of and barriers to development of their respective areas.

Bikas Udhyami's Nepal in Data (NiD) initiative has come out with the 'Nepal Development Atlas', which visualizes Nepal's current development status through GIS based visualization. We hope that the very first attempt of Nepal in Data to bring out this comprehensive and interestingly presented visualizations of Nepal's development status along with geographical status will help researchers, policy makers, development practitioners, journalists, academia, students, and people to make an insightful and evidence-based decisions.

The Atlas consists of 15 chapters on the political status, socio-economic status and geography of Nepal including all the seven provinces. The chapters visualize data and information on public administration, elections, physical geography, demography, housing and amenities, socio-economic development, education, health, employment, agriculture and land, economic, market and finance, energy and environment, industry, infrastructure, communication and technology, law and justice, and state and politics.

I would like to thank our hardworking and dedicated team of Nepal in Data specially Bipin Sinjali for generating GIS maps, Niraj Shahi, Pramesh Dangol for presenting them and Sajani Lama Jimba for collecting and cleaning the data for the Atlas. I also extend my thanks to all who encouraged and supported us while bringing out the Atlas.

Santosh Gartaula, CEO
Bikas Udhyami

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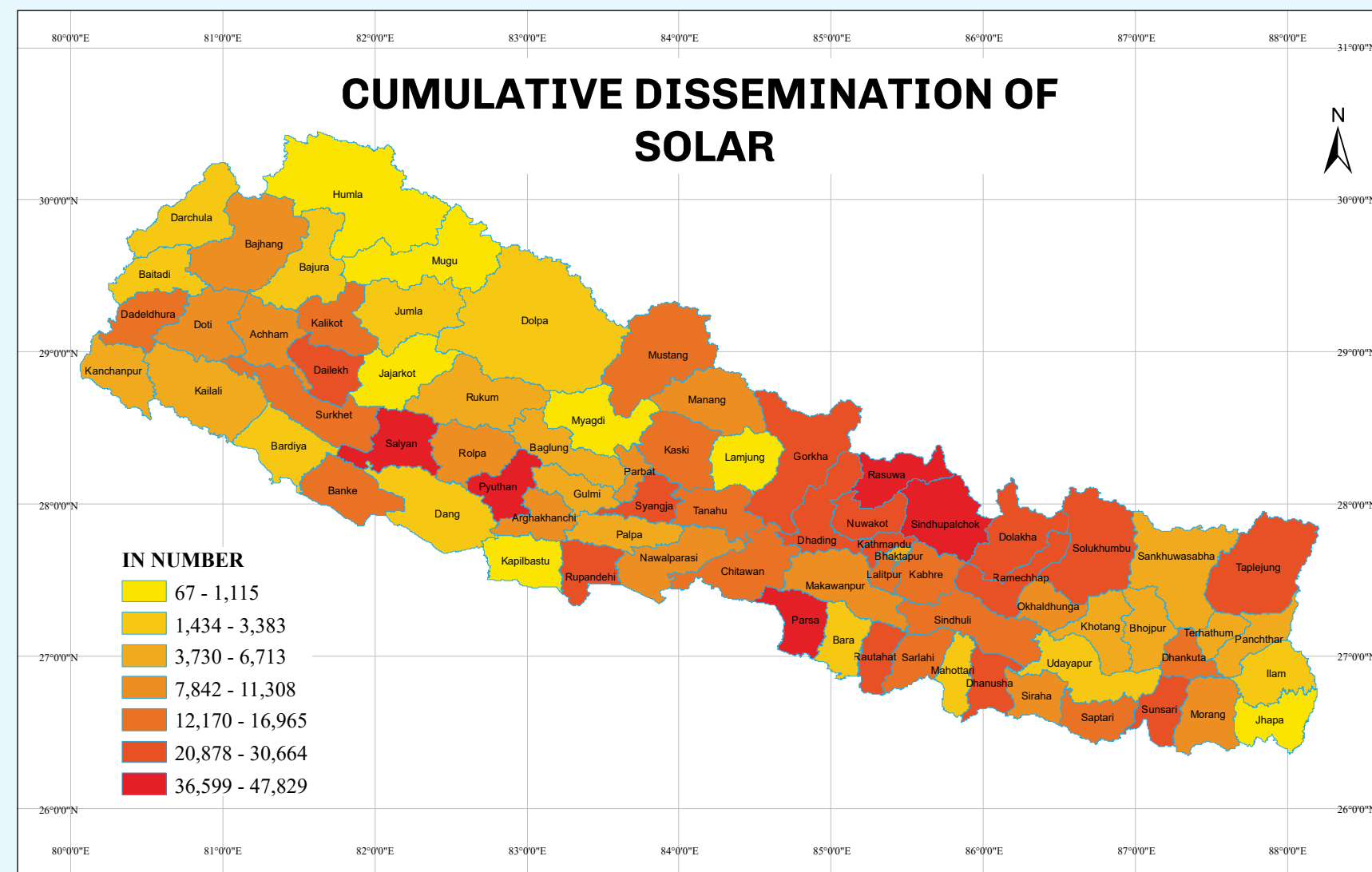
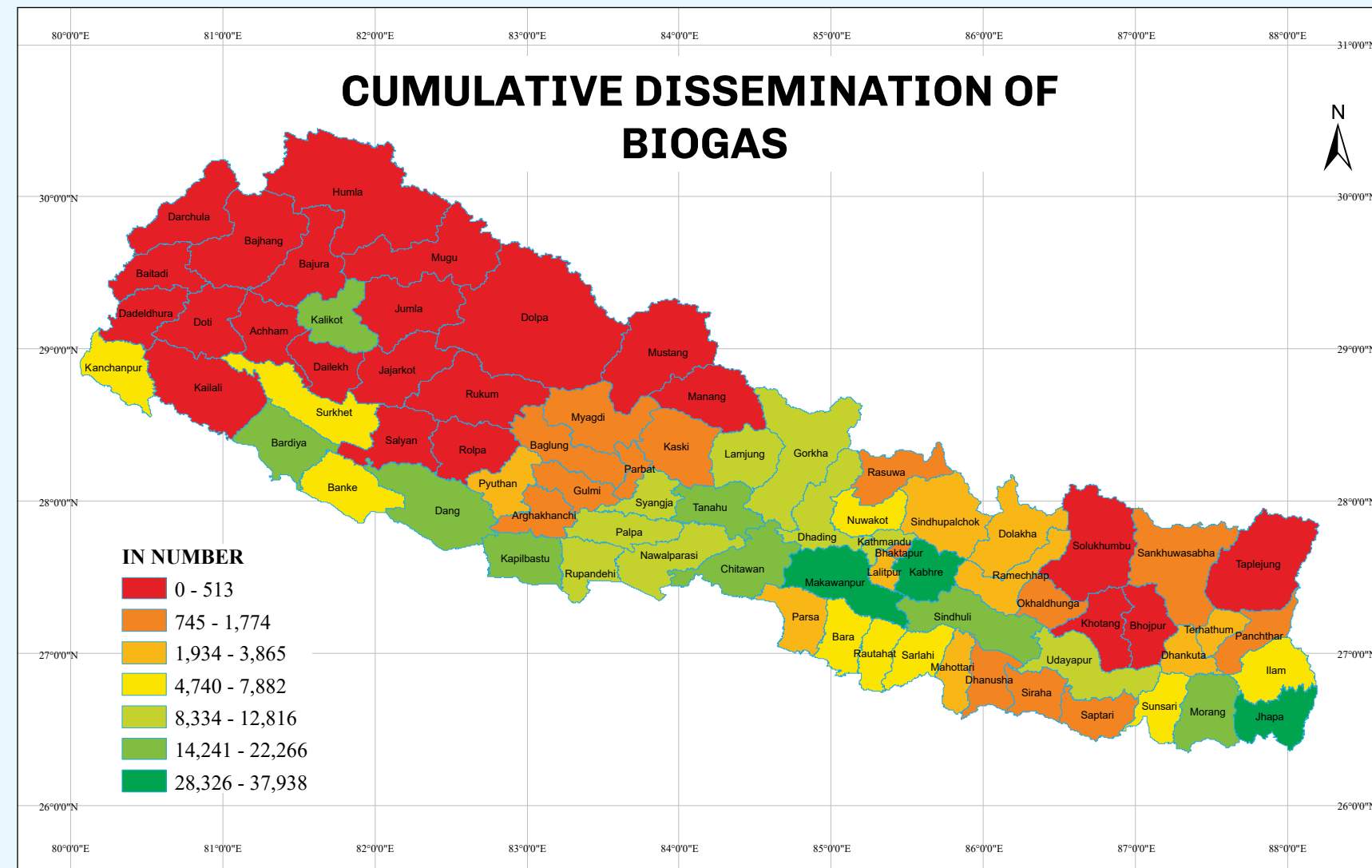
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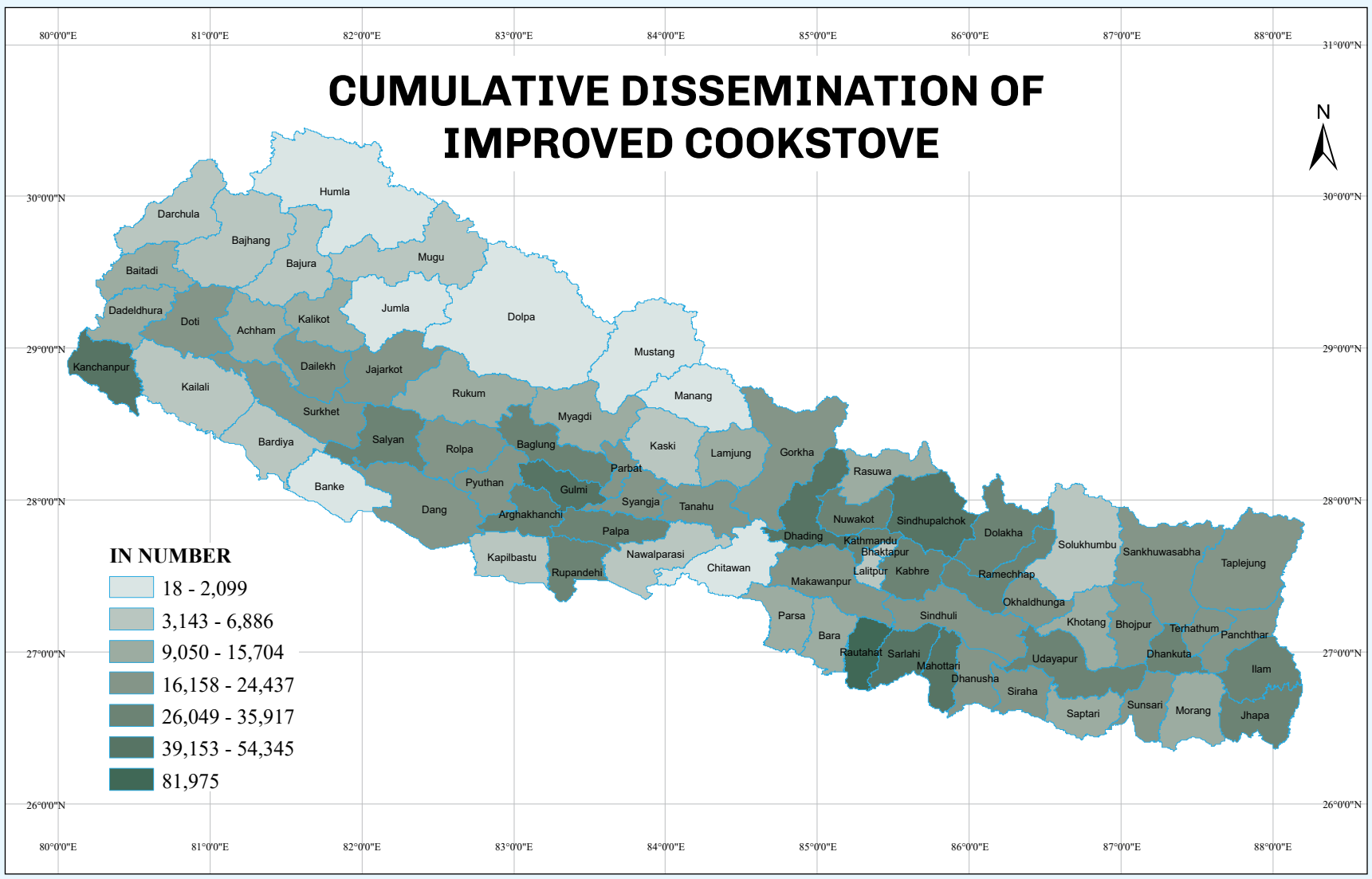
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ENERGY & ENVIRONMENT

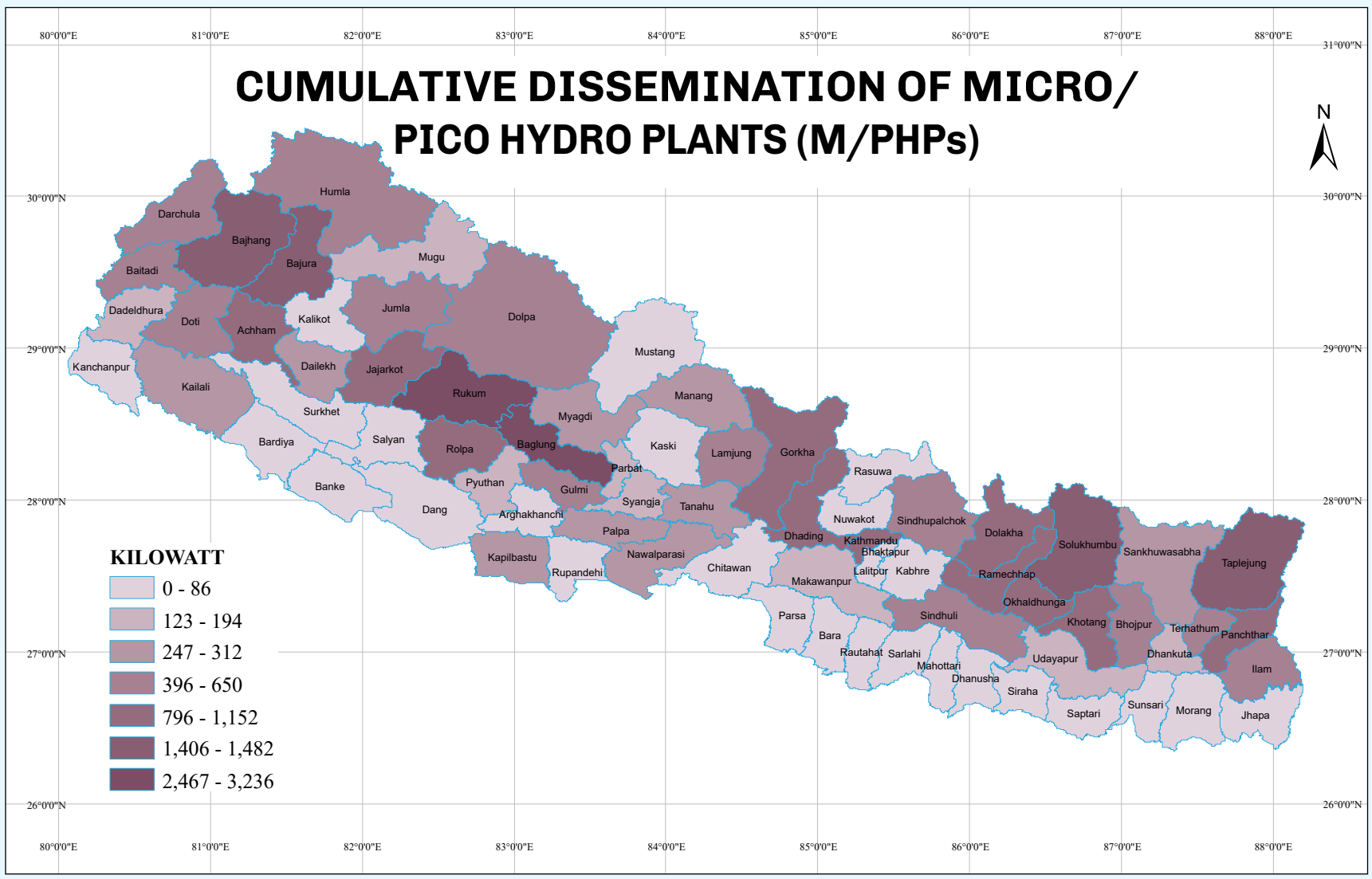


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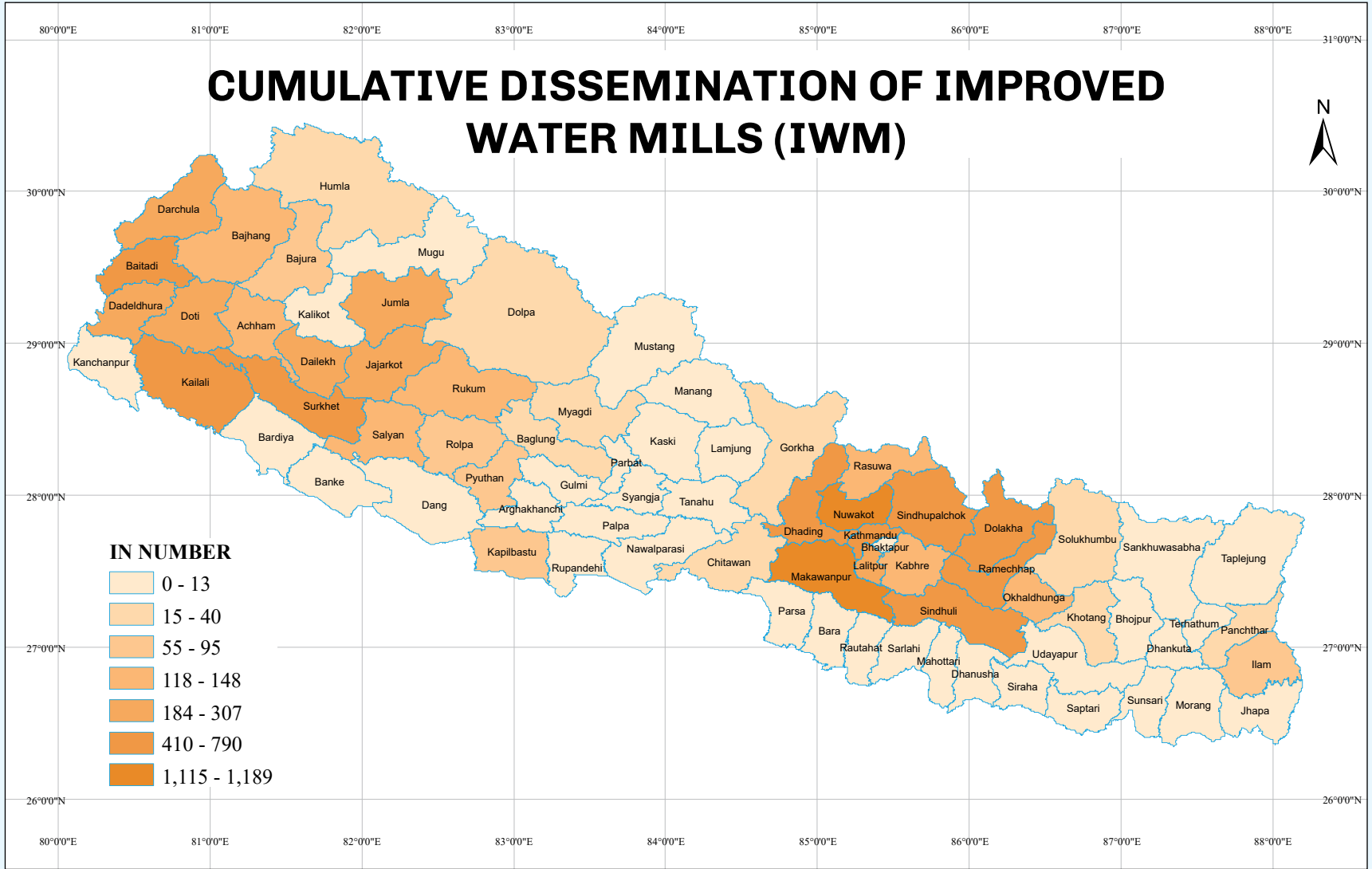
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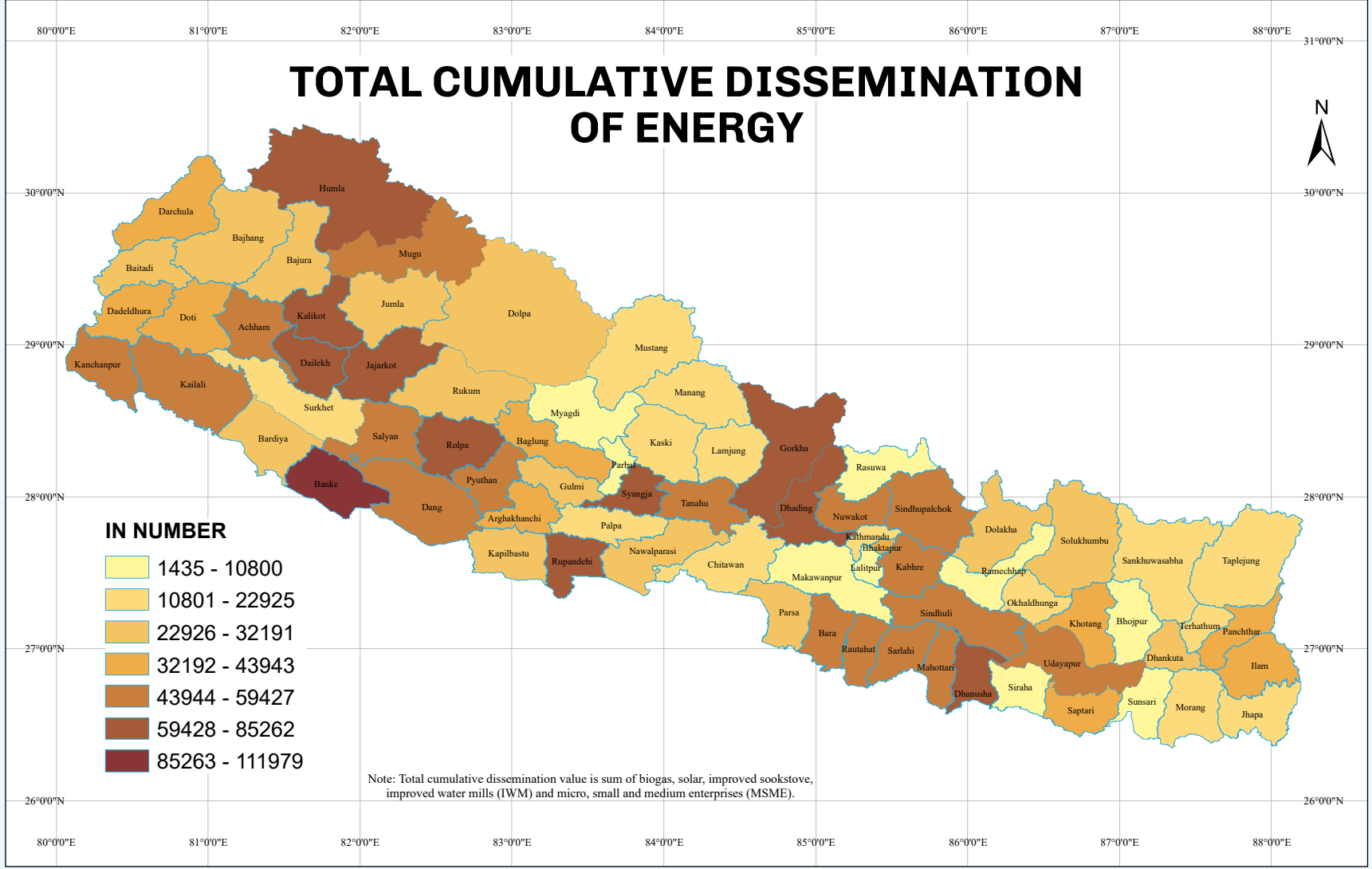
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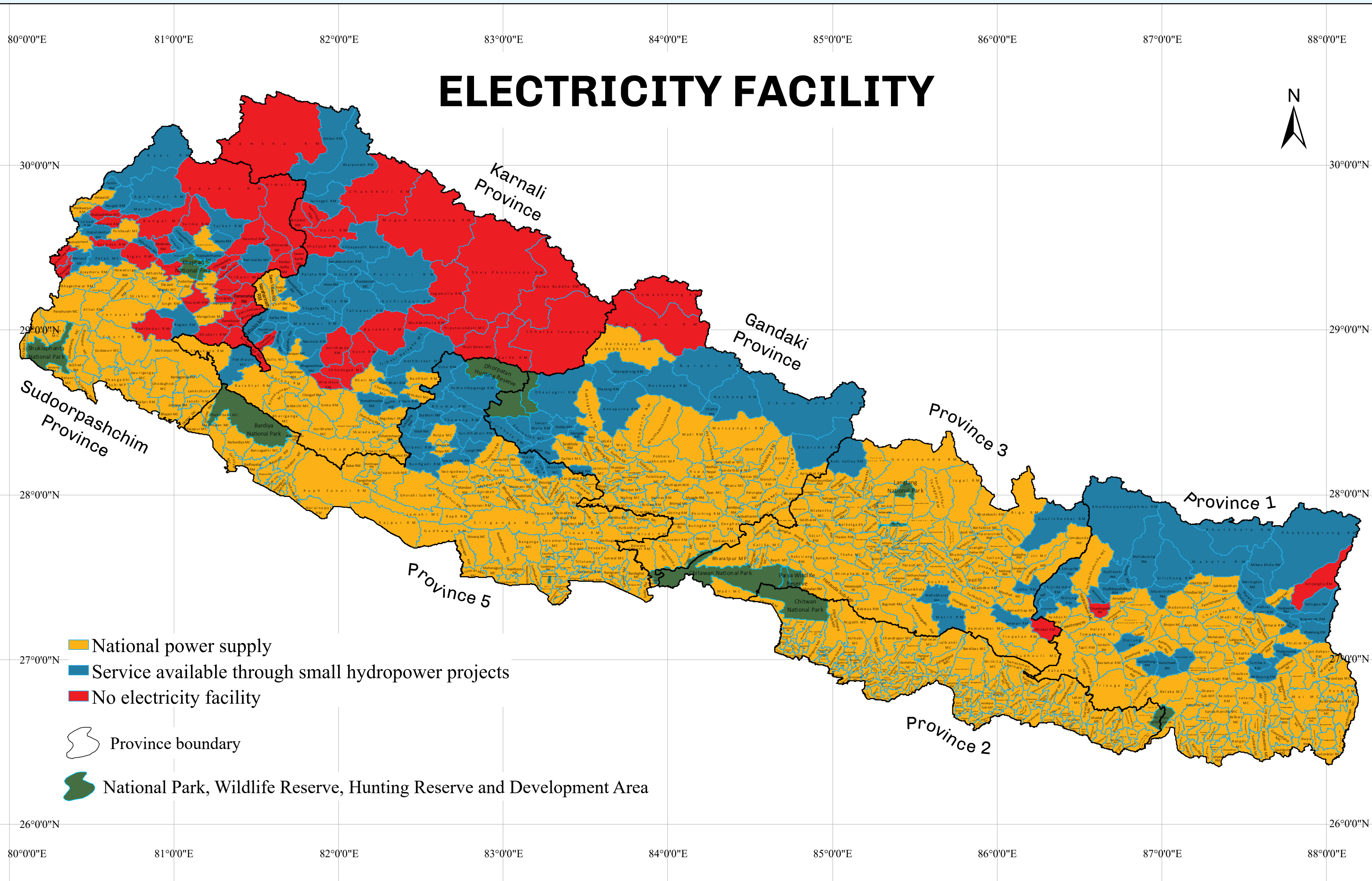
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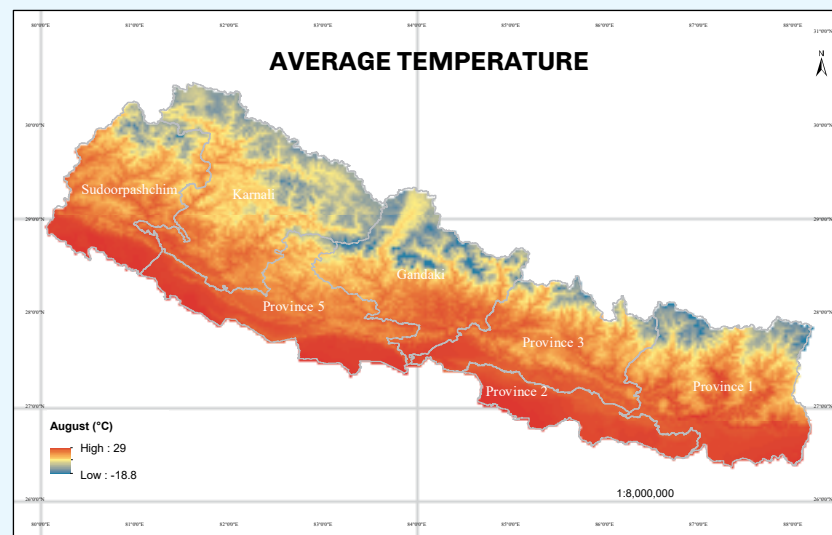
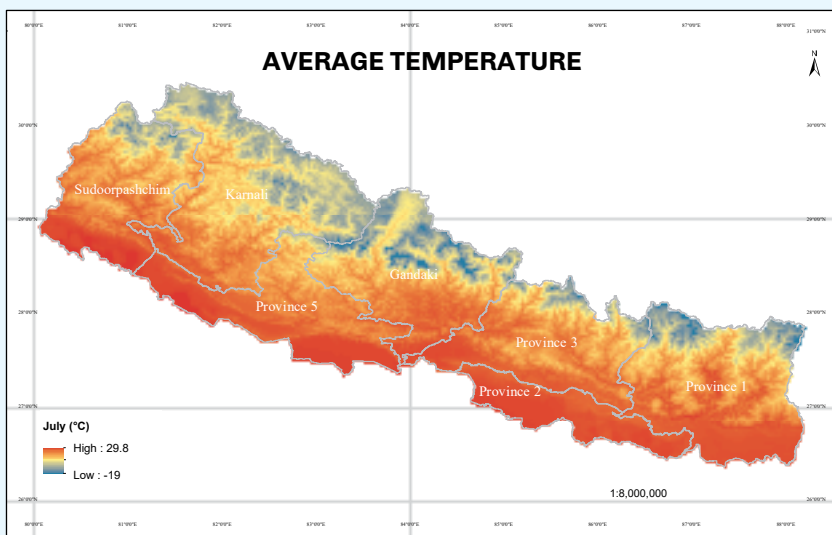
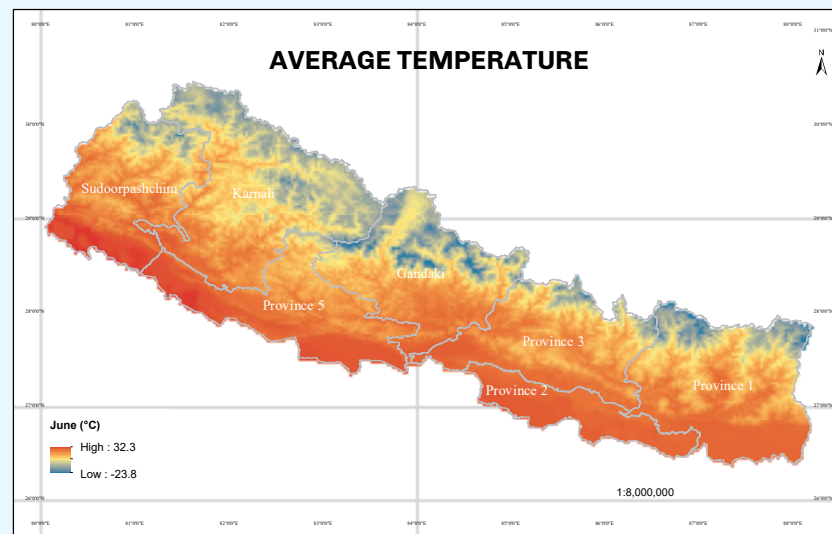
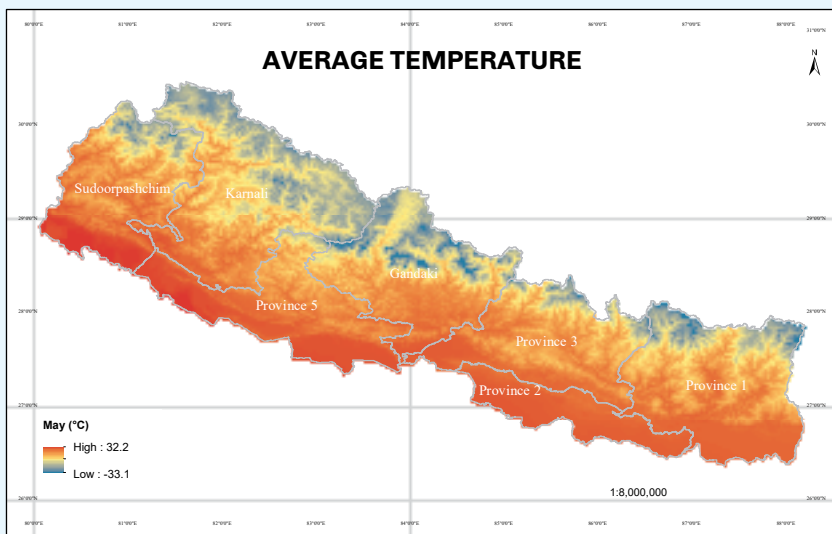
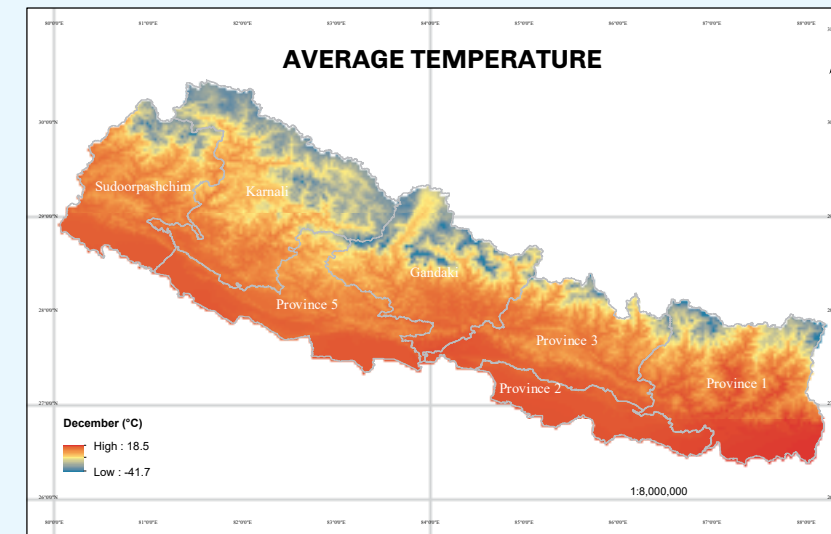
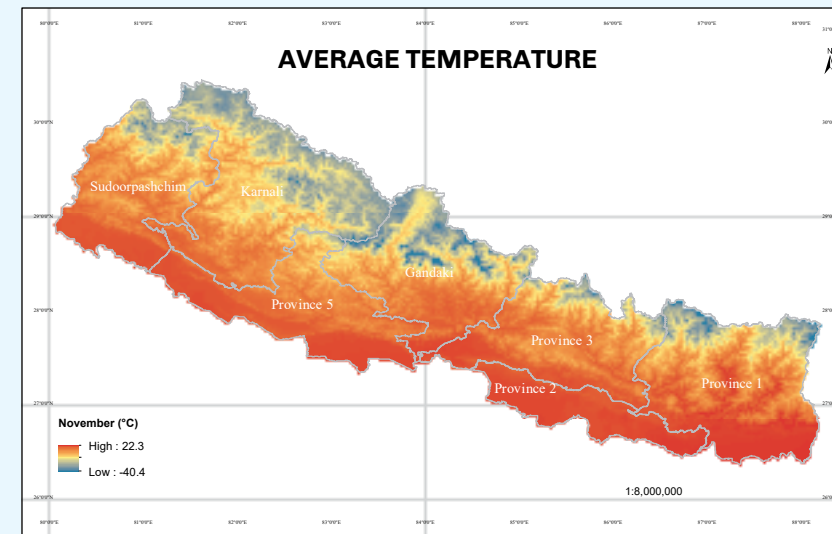
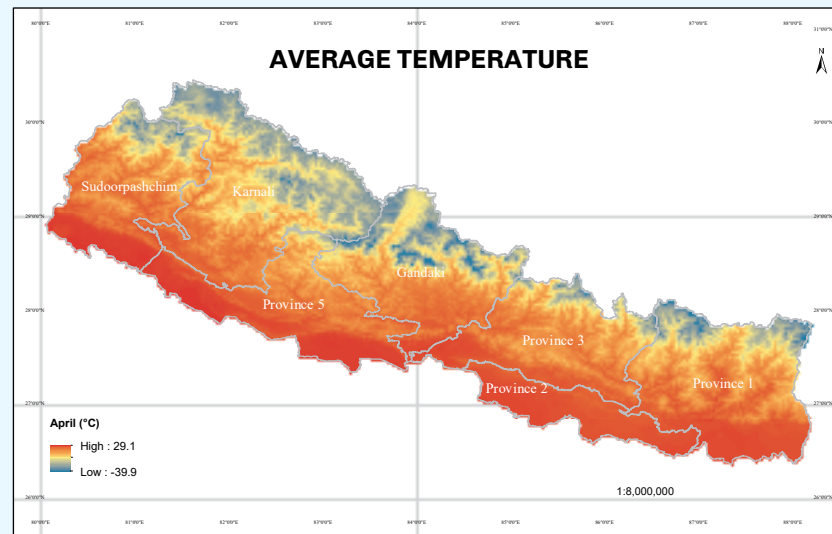
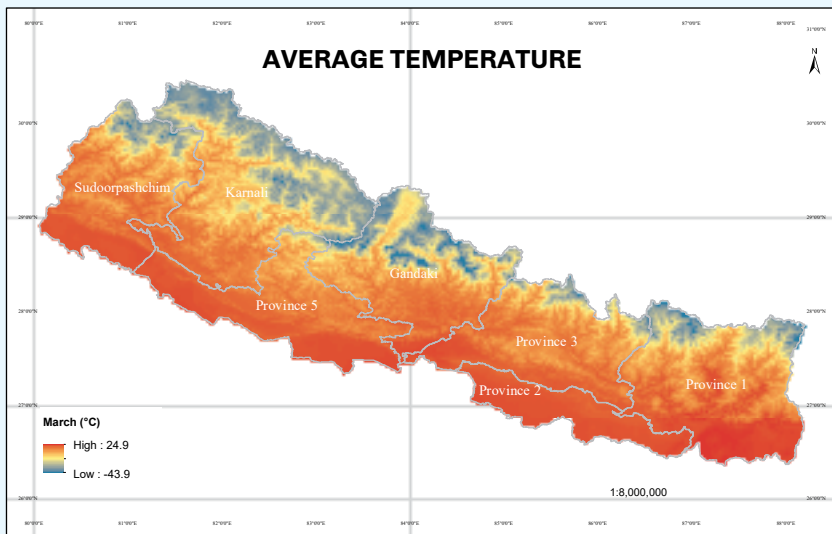
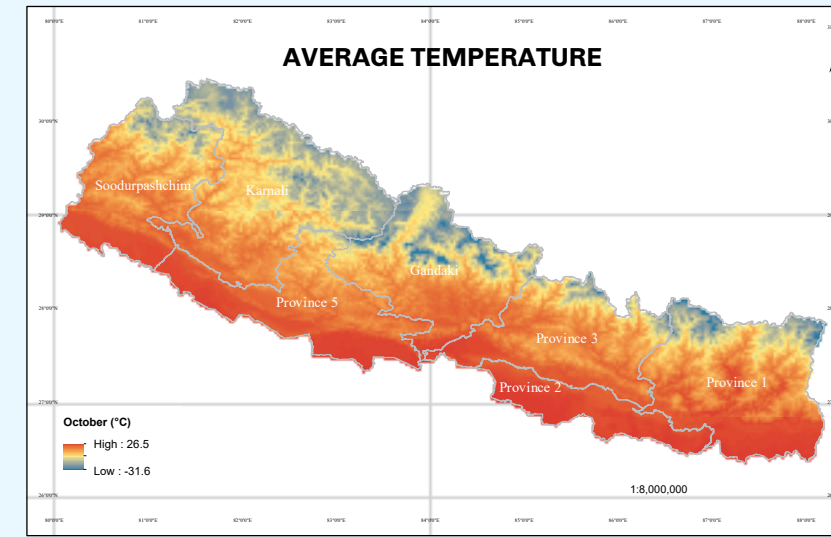
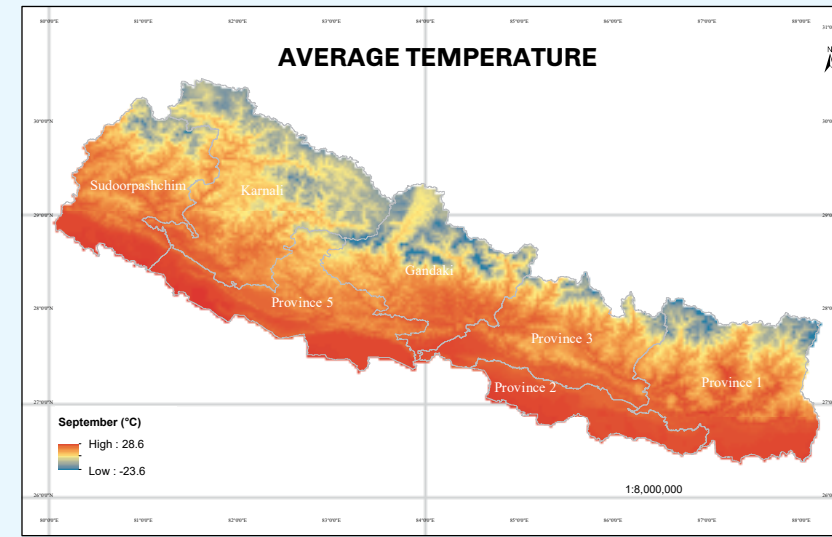
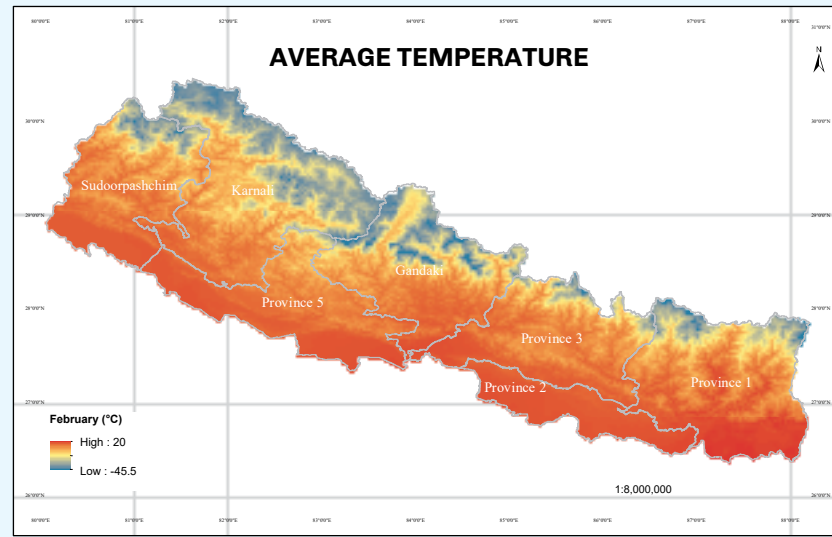
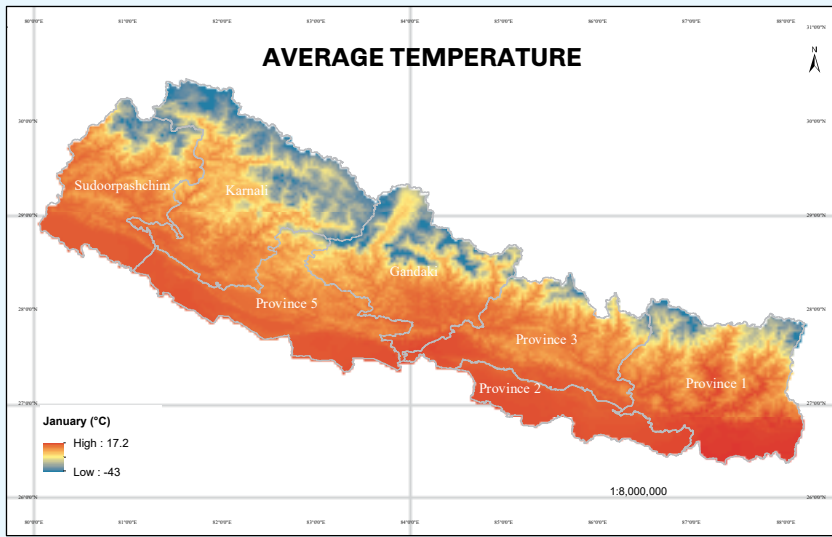
TOTAL CUMULATIVE DISSEMINATION OF ENERGY



ENERGY, 1996-2018



ENERGY, 1996-2018



NATIONAL CLIMATE CHANGE IMPACT SURVEY, 2016

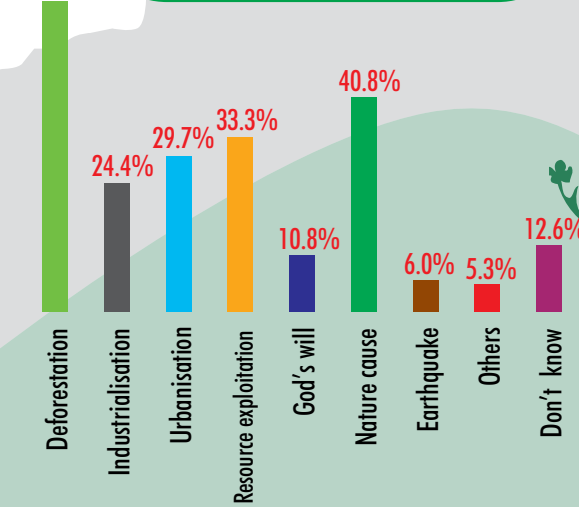
5,060 Sample Households

253 Primary Sampling Units covering whole country

50.67% People have **NO KNOWLEDGE** on climate change

9/10 People reported **WEAKER IN MONSOON**

People's Perception on Reason of Climate Change



89% People reported **INCREASING TEMPERATURE**

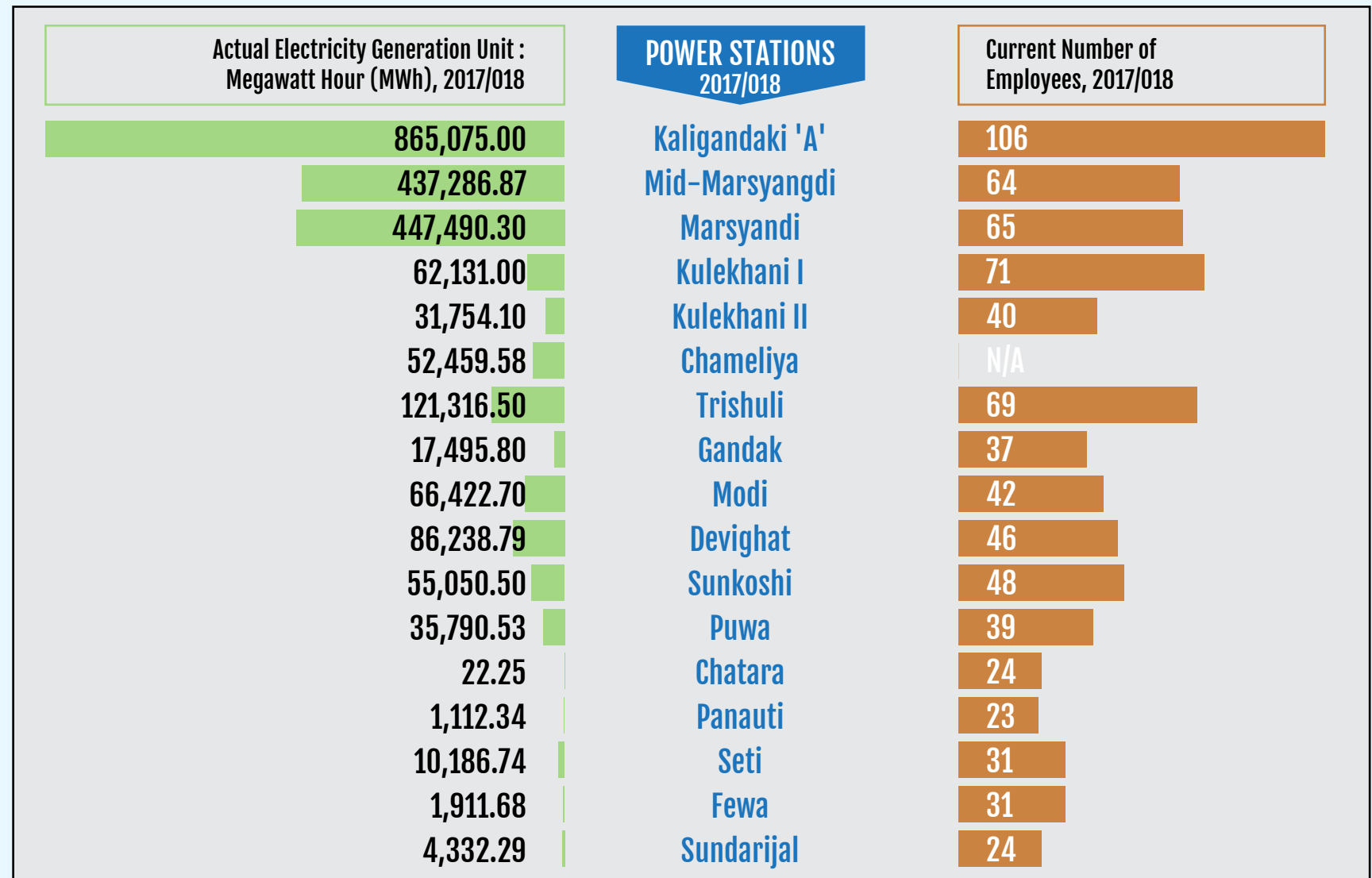
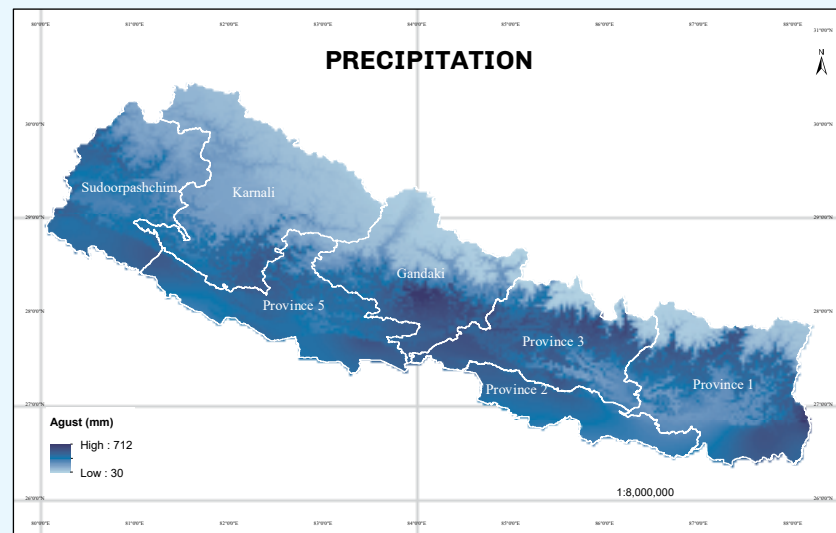
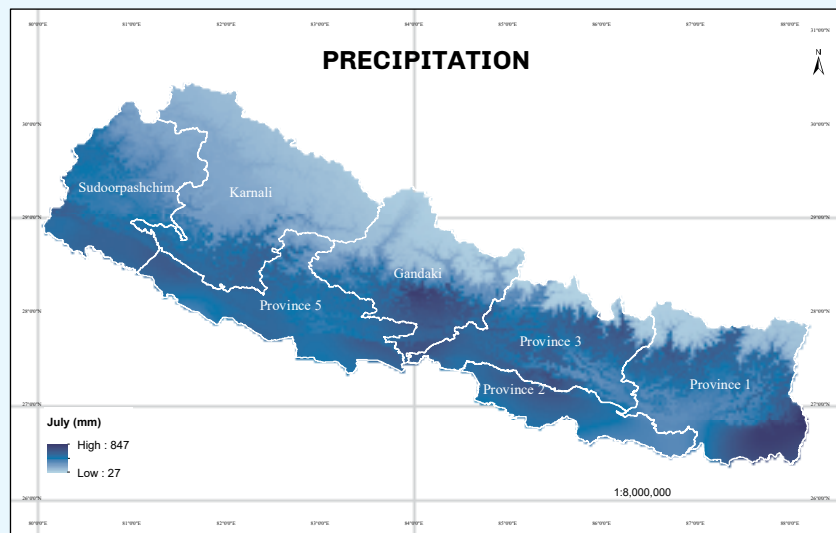
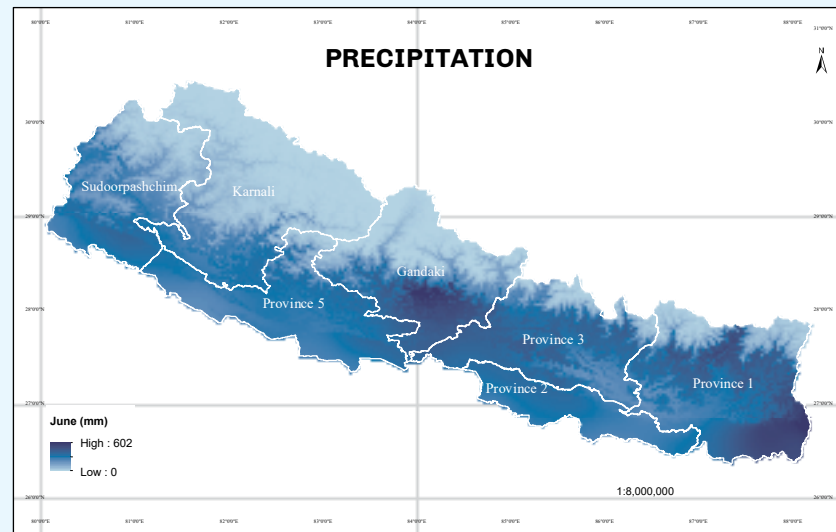
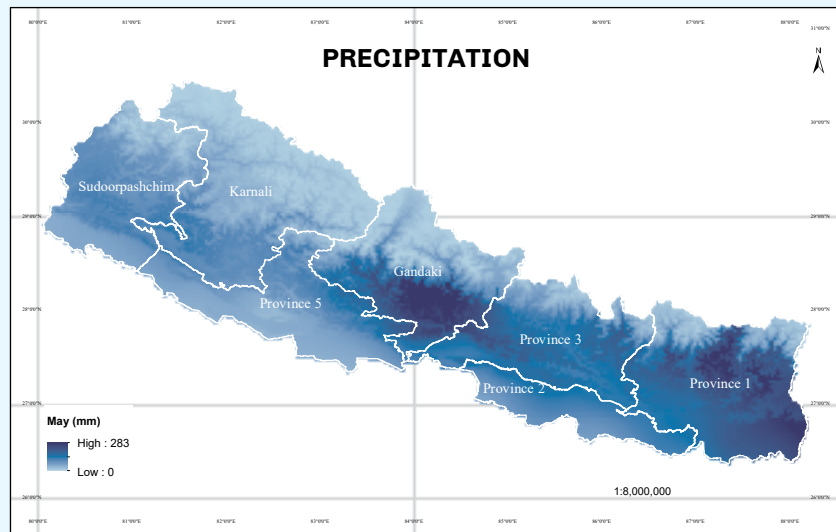
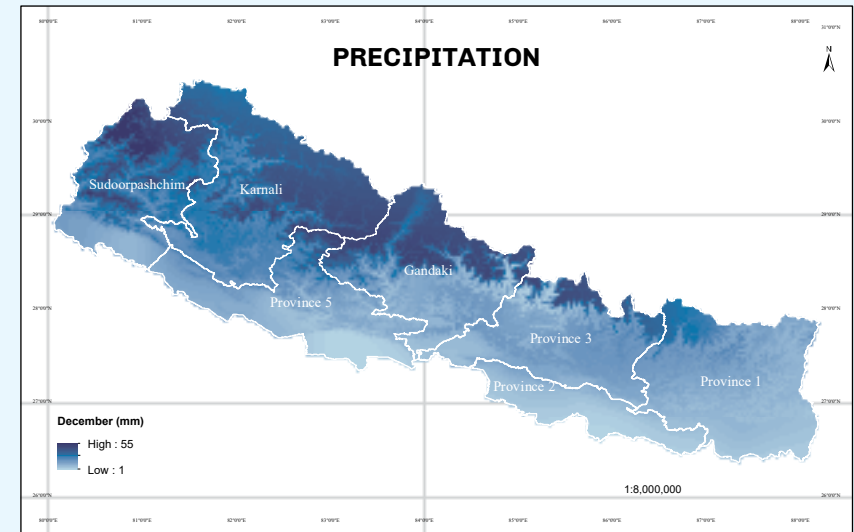
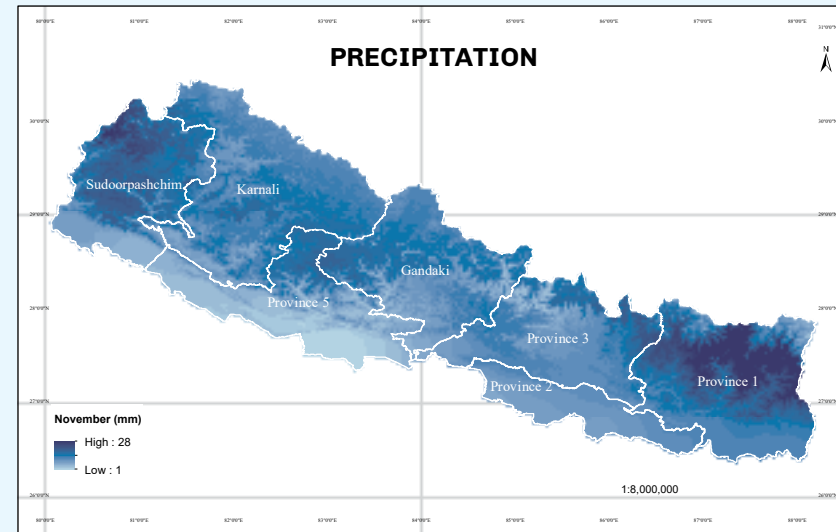
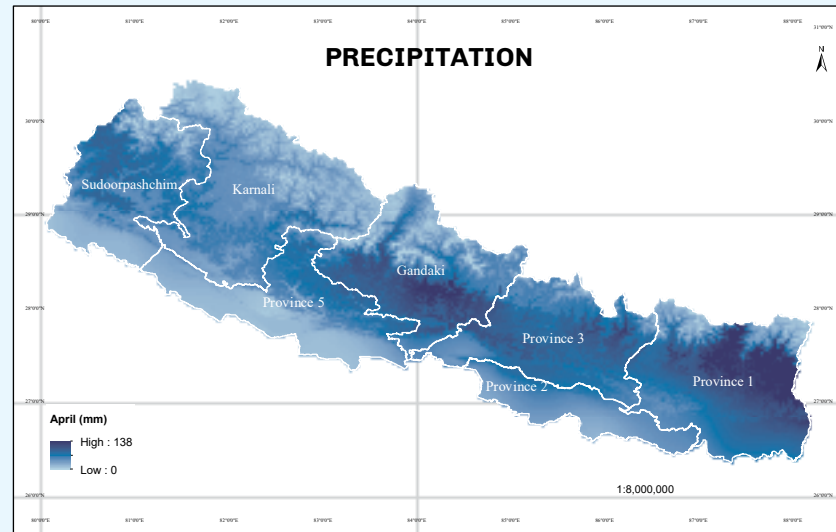
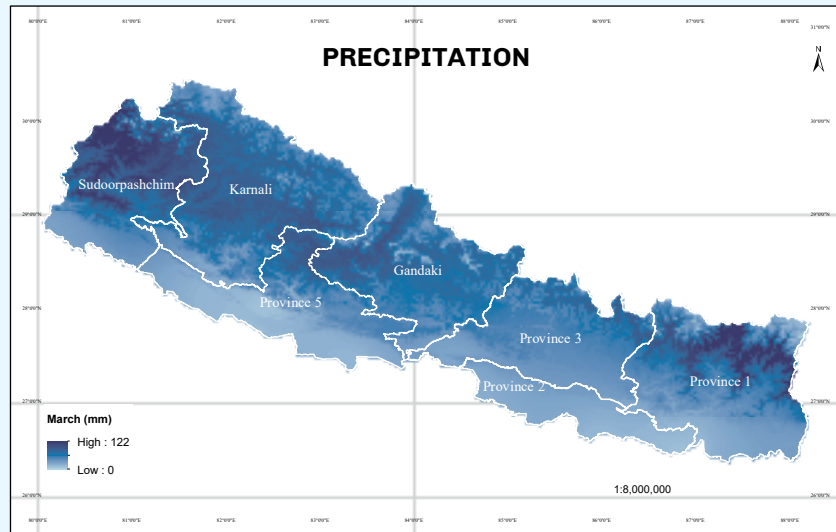
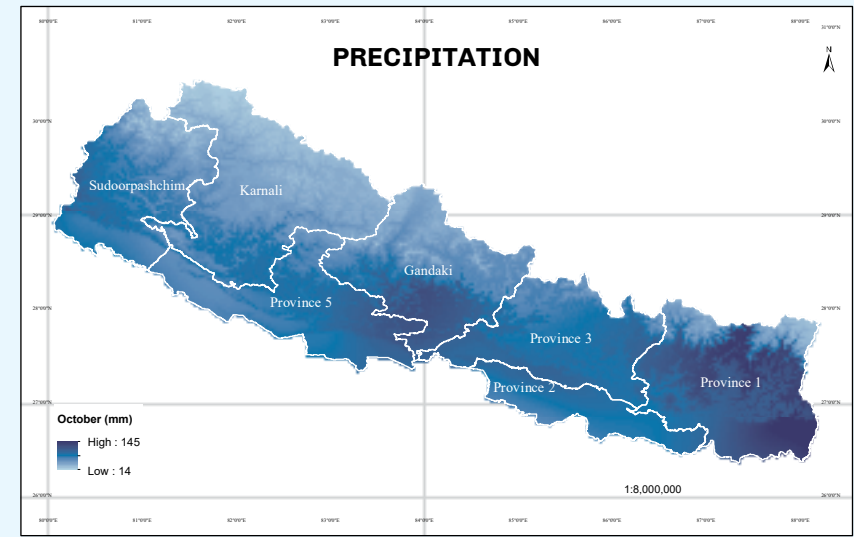
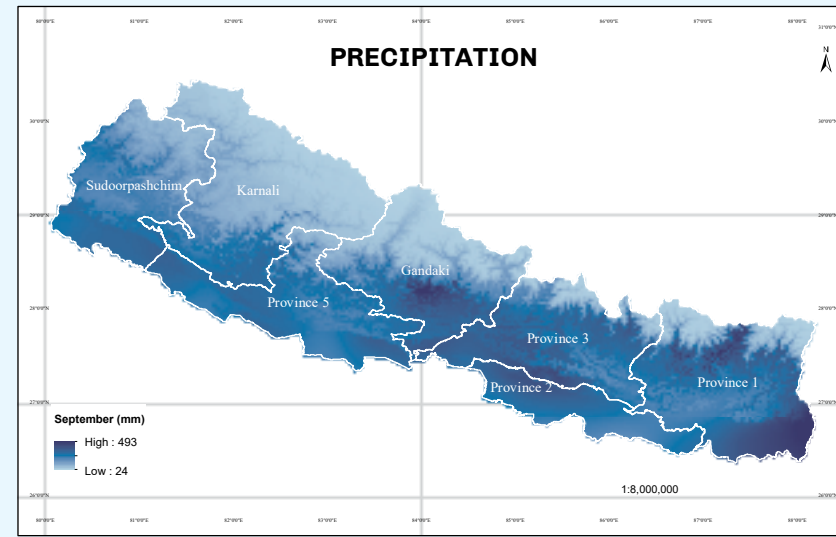
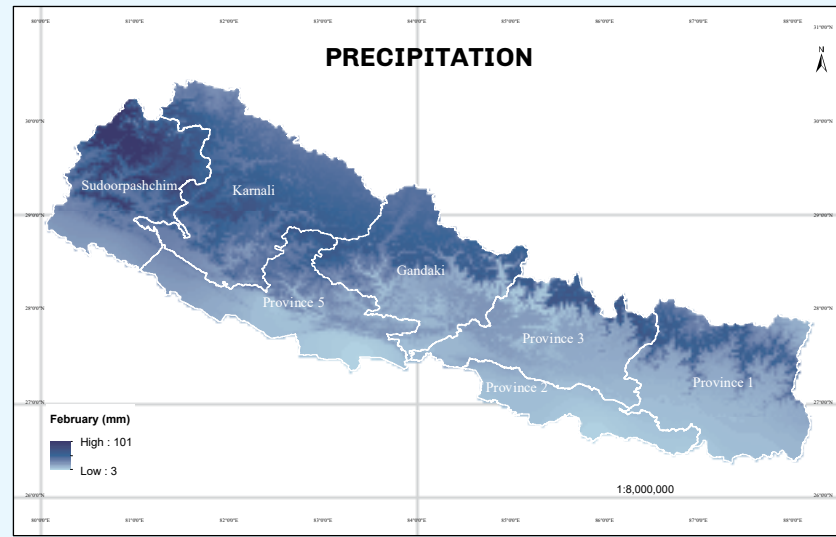
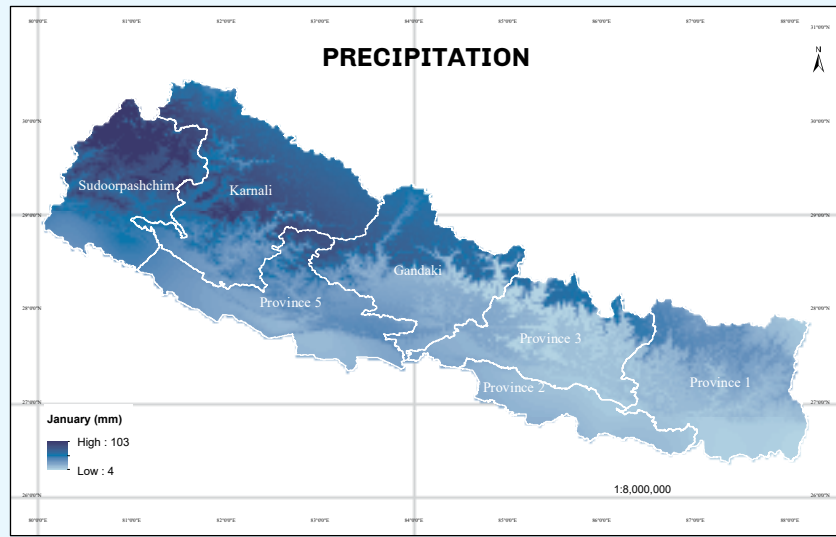
99.33% Observed **INCREASE IN DROUGHT**

97.69% Reported **INCREASE IN DISEASES/INSECTS**

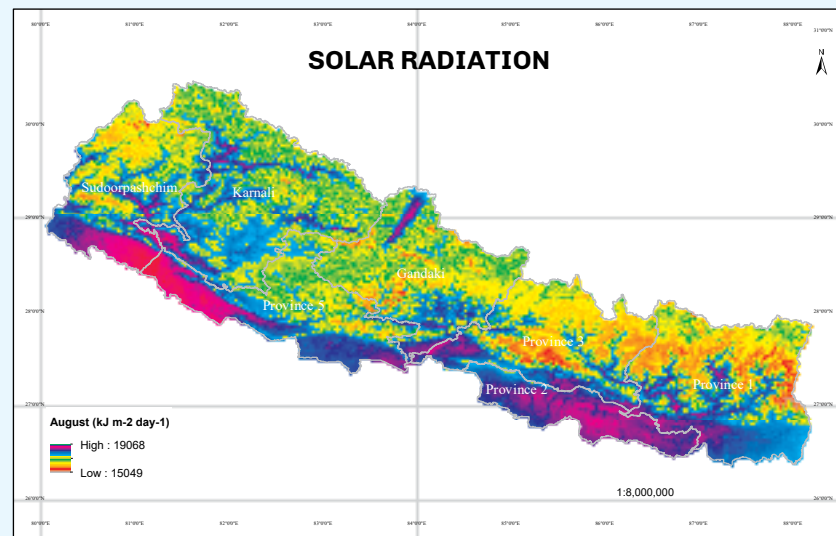
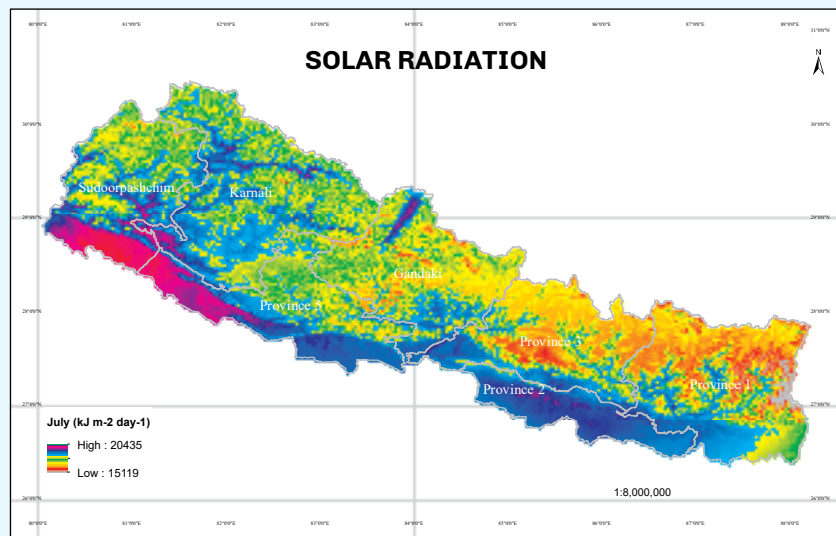
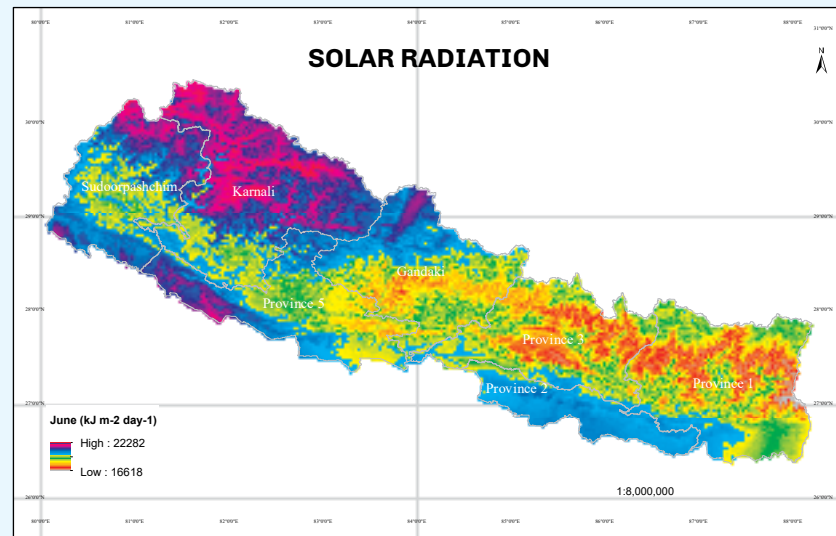
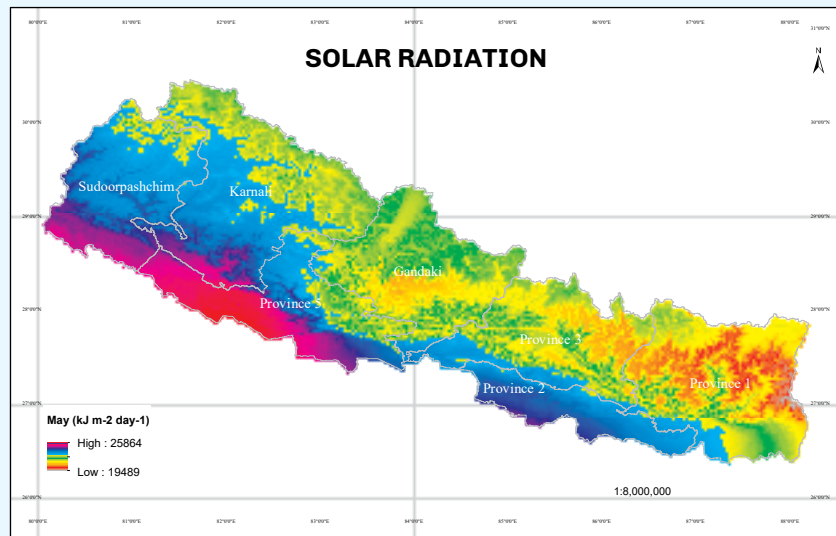
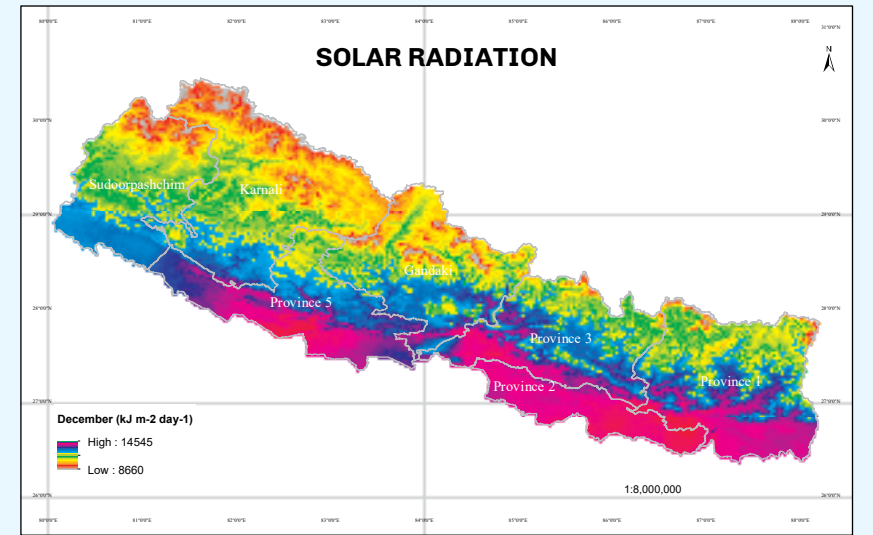
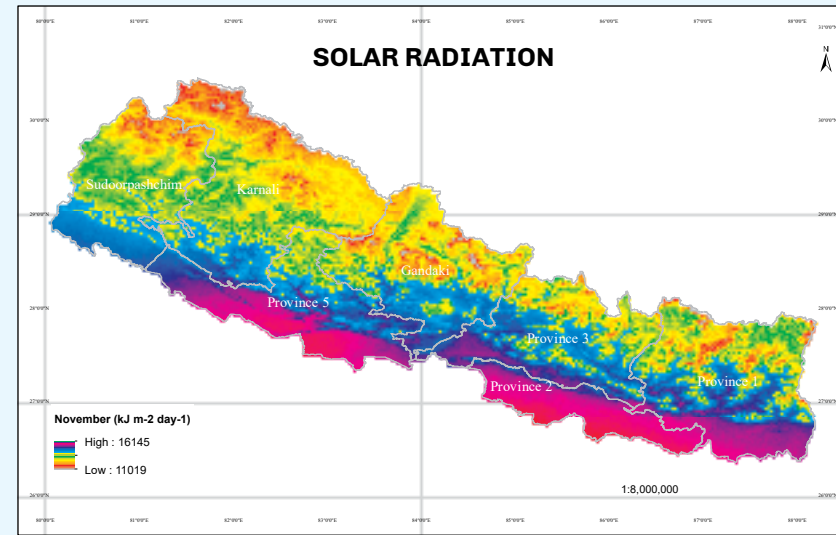
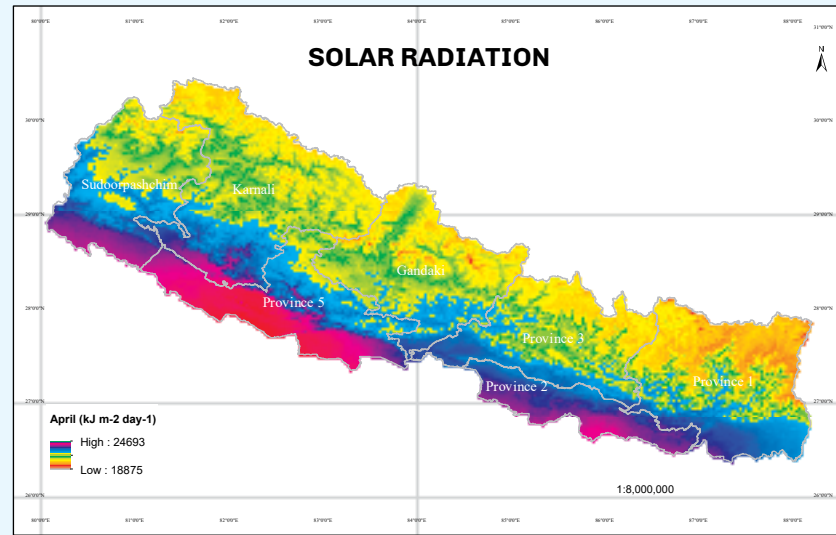
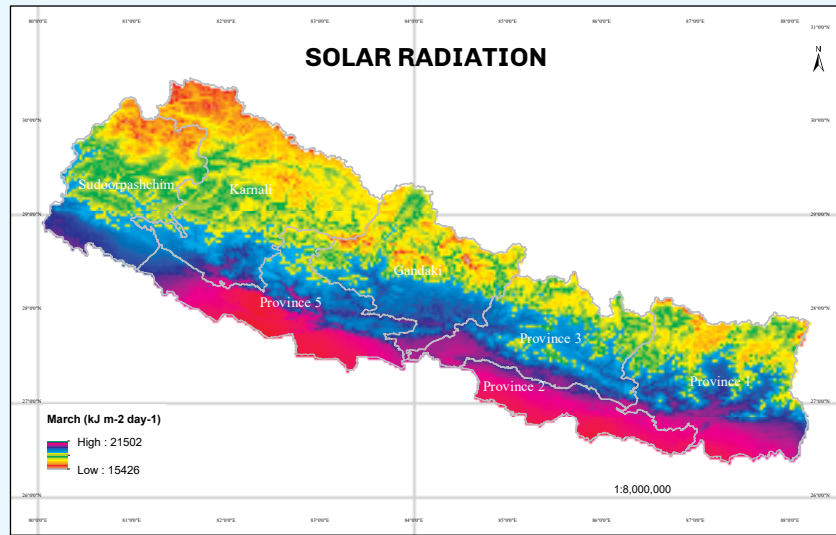
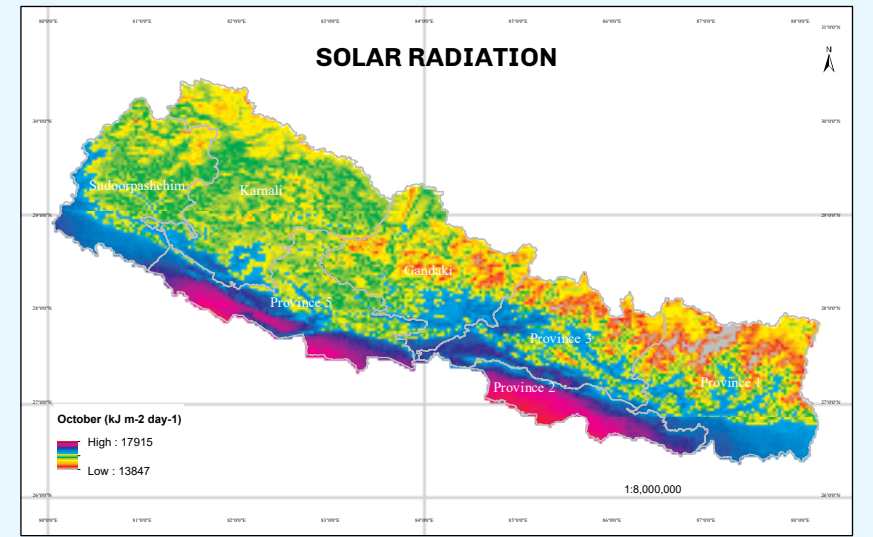
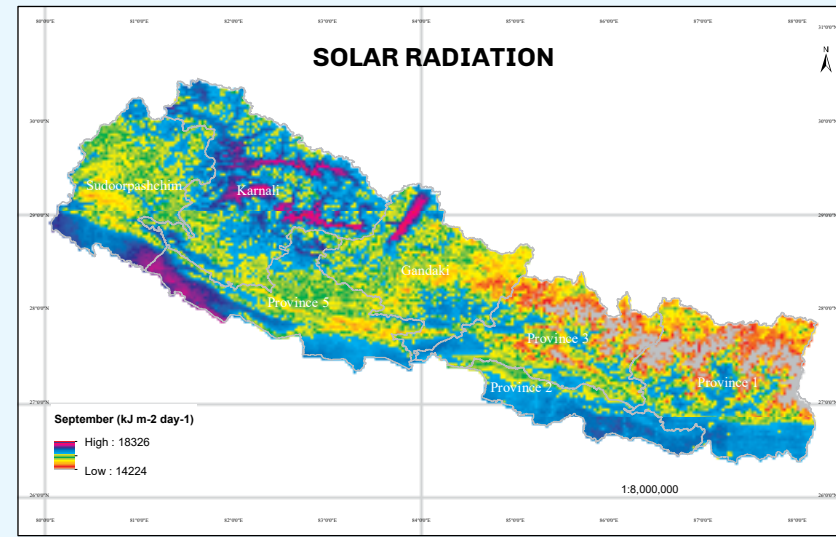
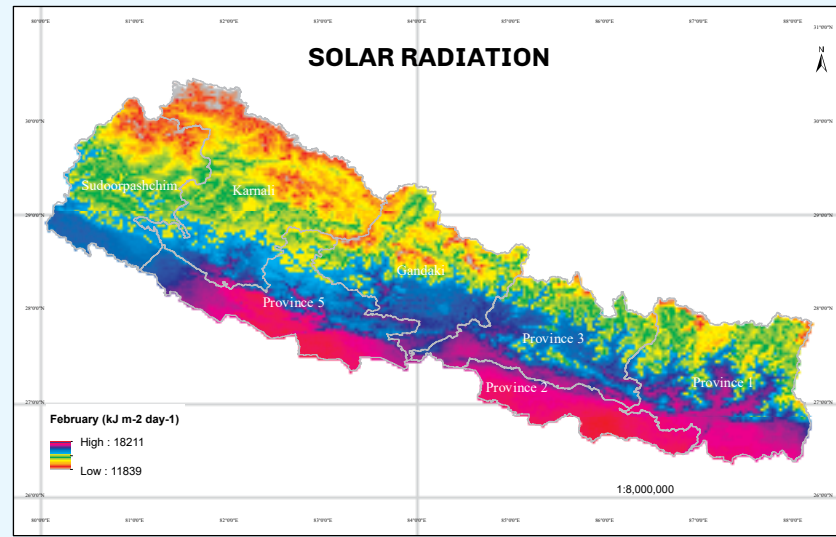
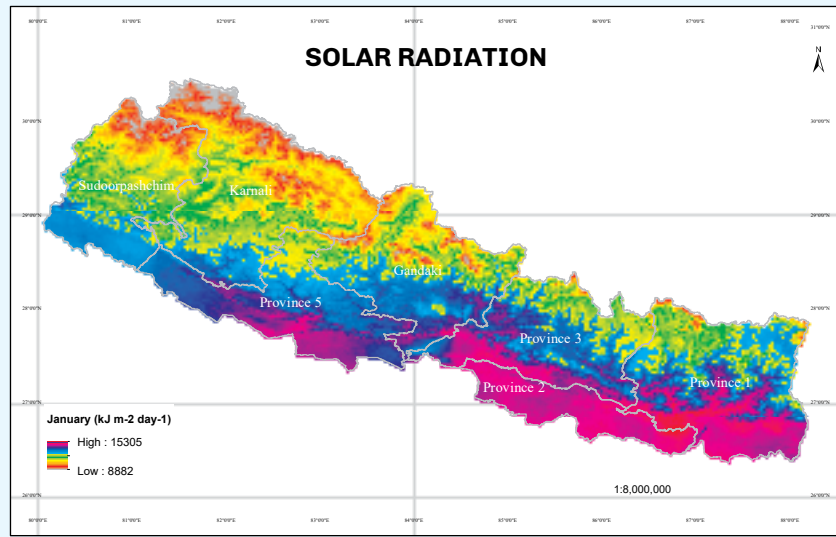
84.47% Observed **DECREASE IN AMOUNT OF SURFACE WATER**

Source : Central Bureau of Statistics, 2017

CLIMATE, 1970-2000



CLIMATE, 1970-2000



CLIMATE CHANGE IMPACT ON PLANT & ANIMAL SPECIES

Observed Changes in the Plant and Animal Species in Last 25 Years

70.43% persons observed reduction in number of tree species

32.57% persons reported decline in aquatic animal species & population

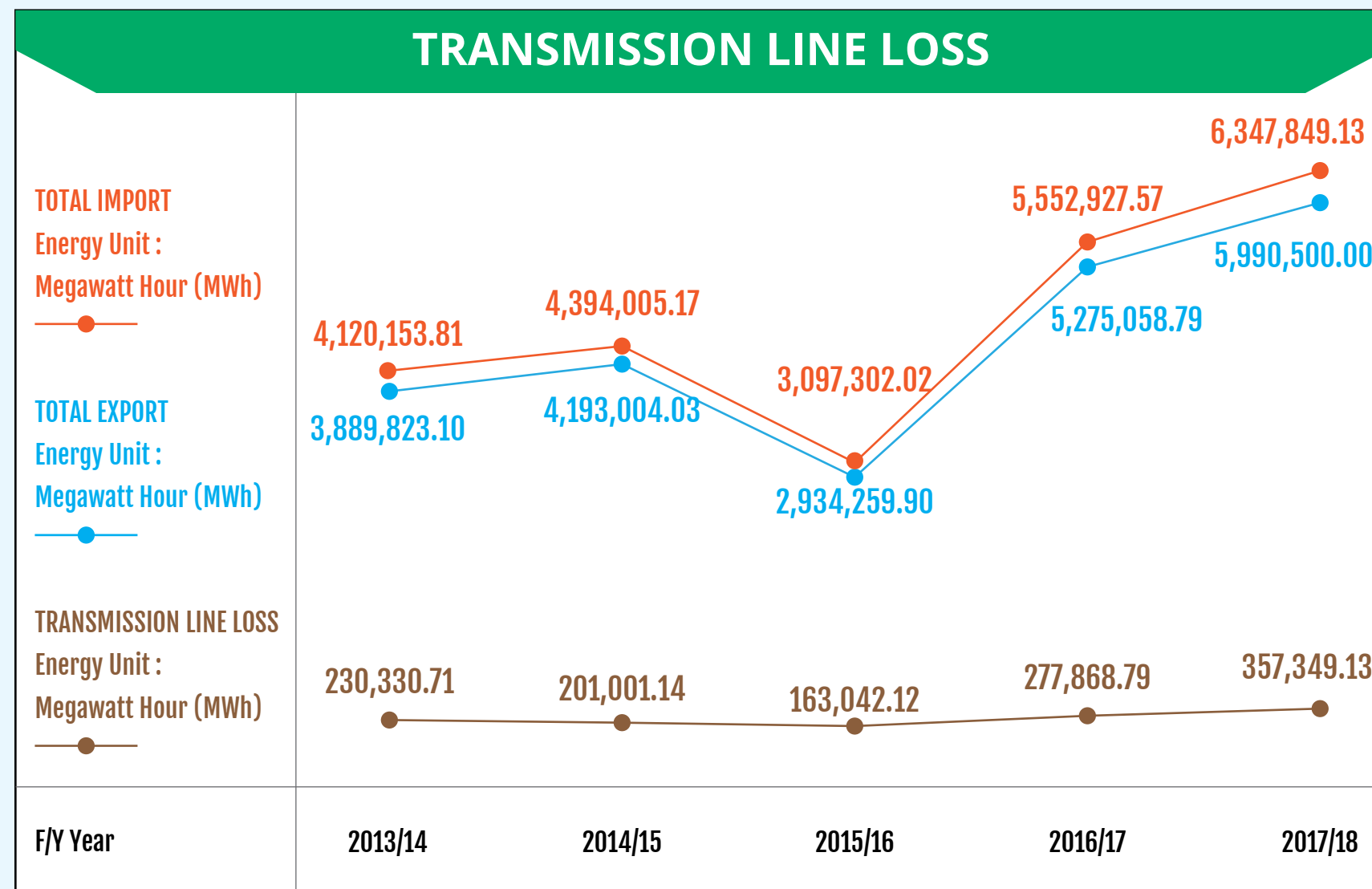
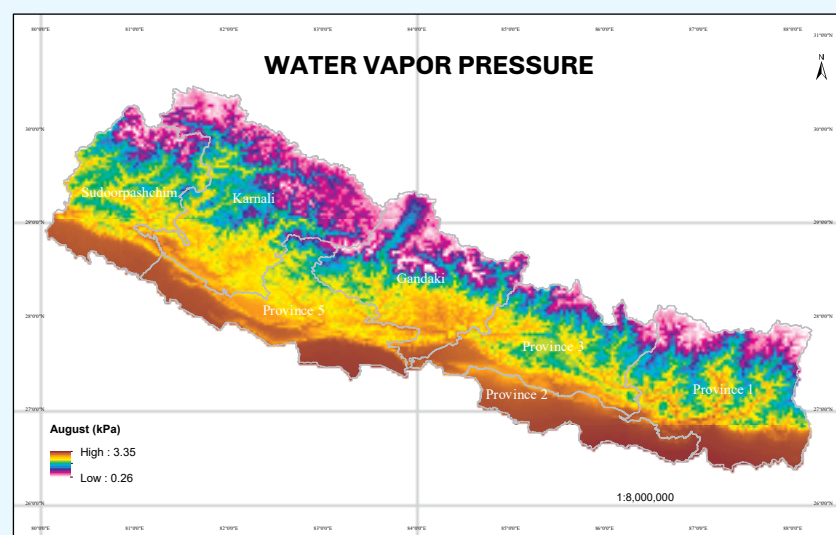
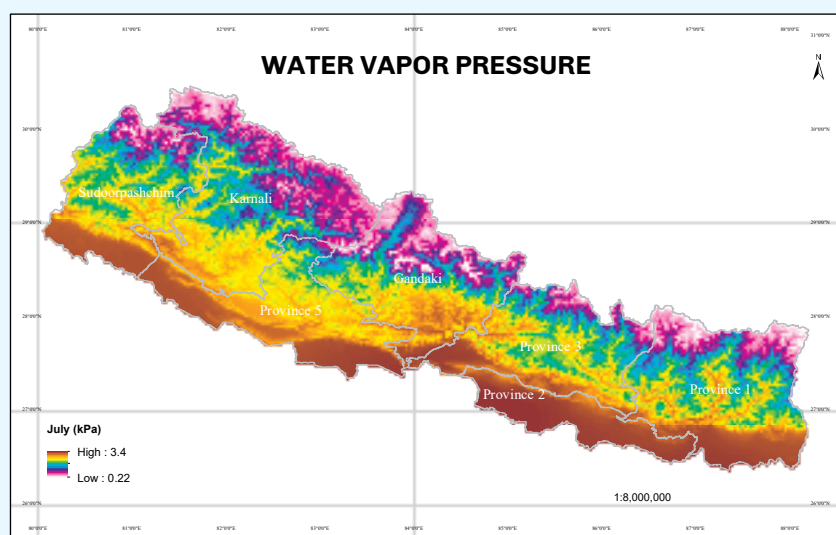
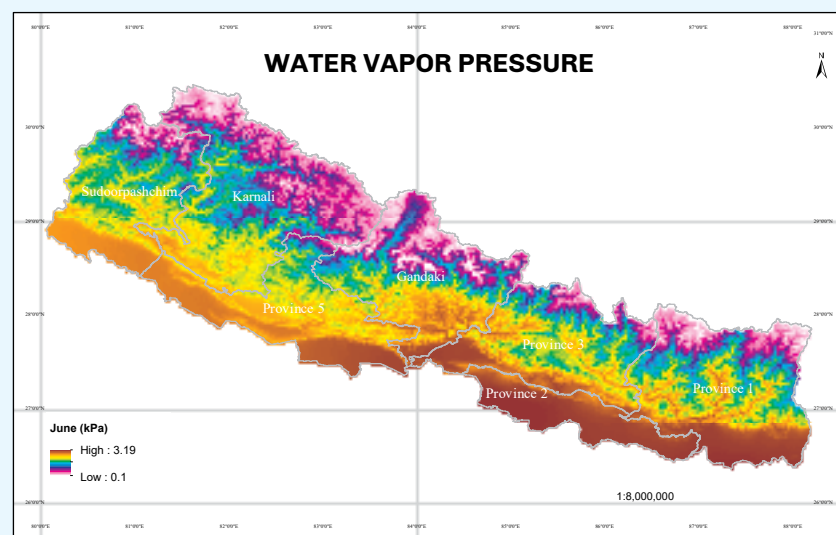
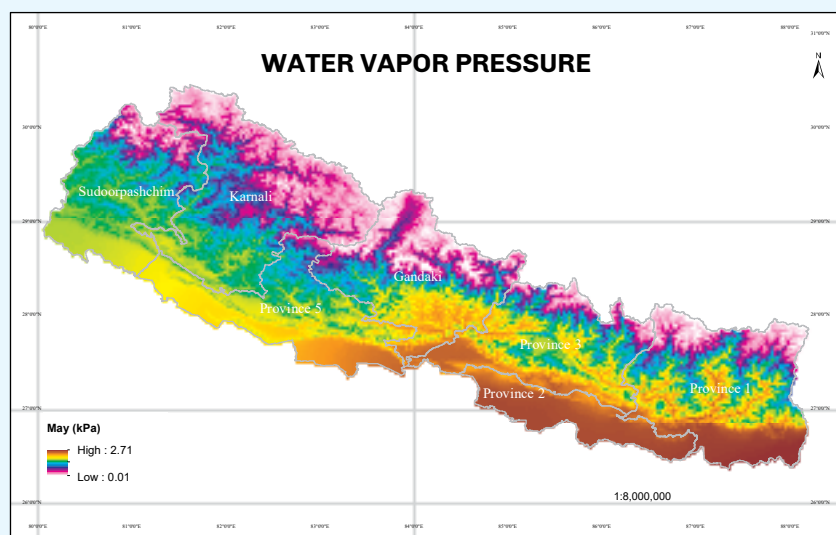
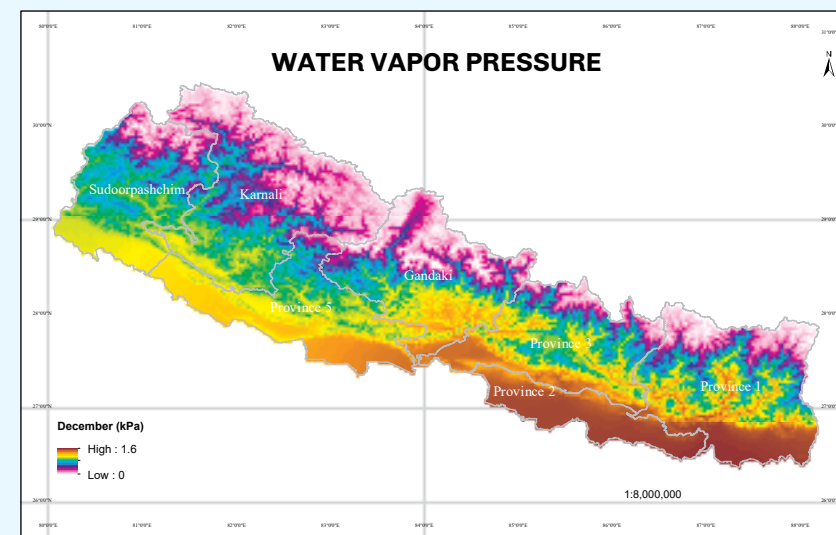
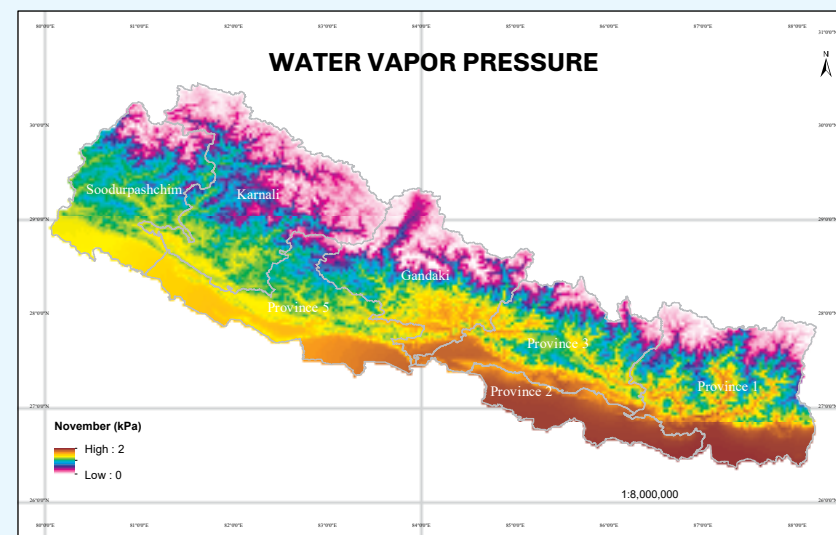
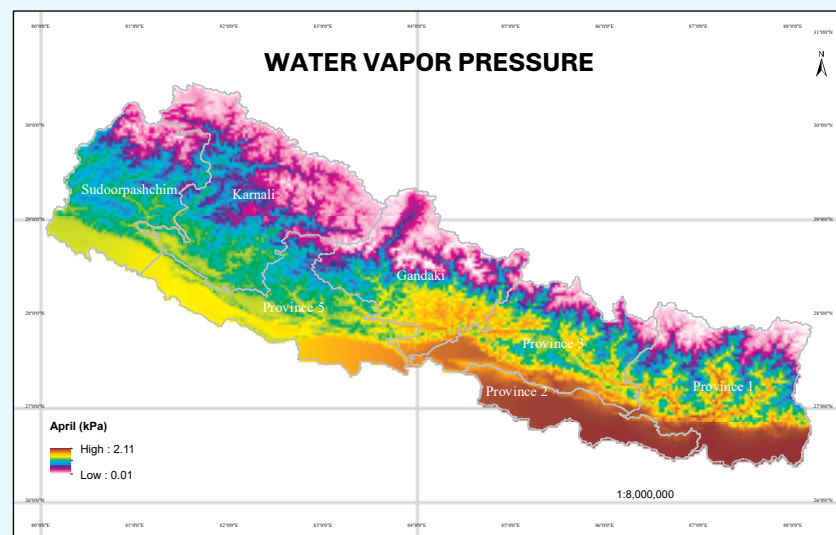
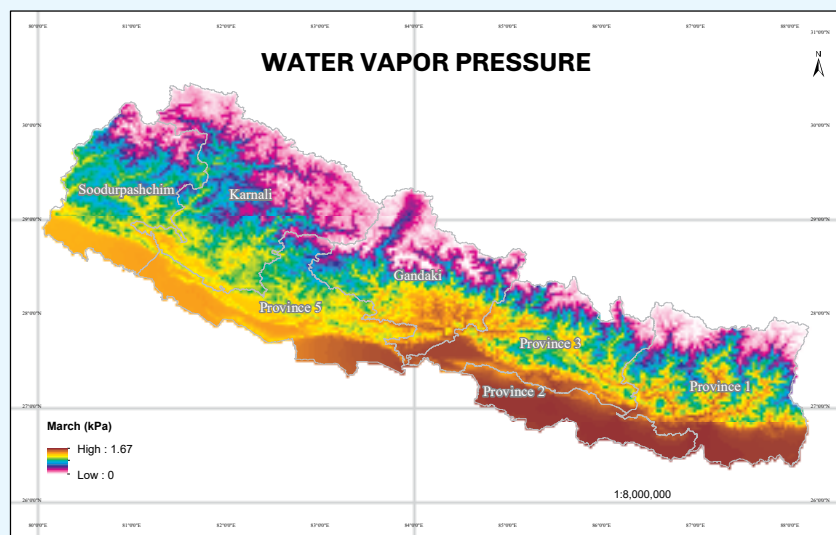
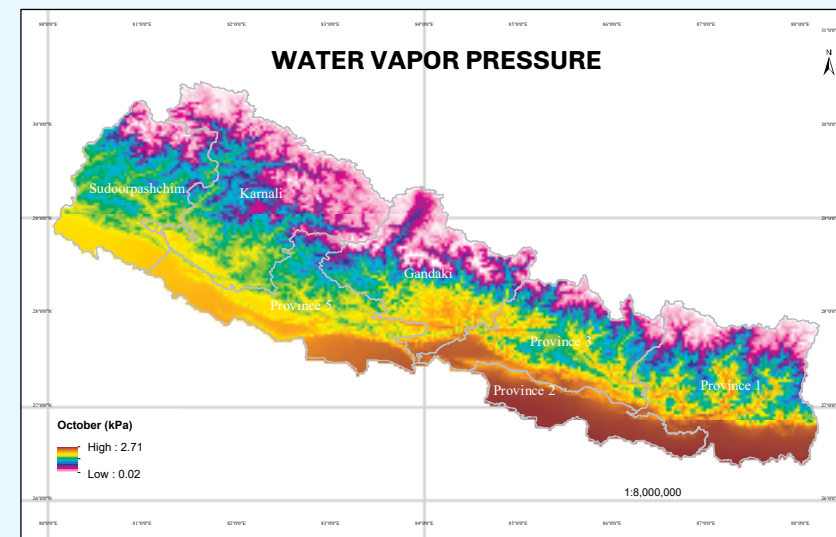
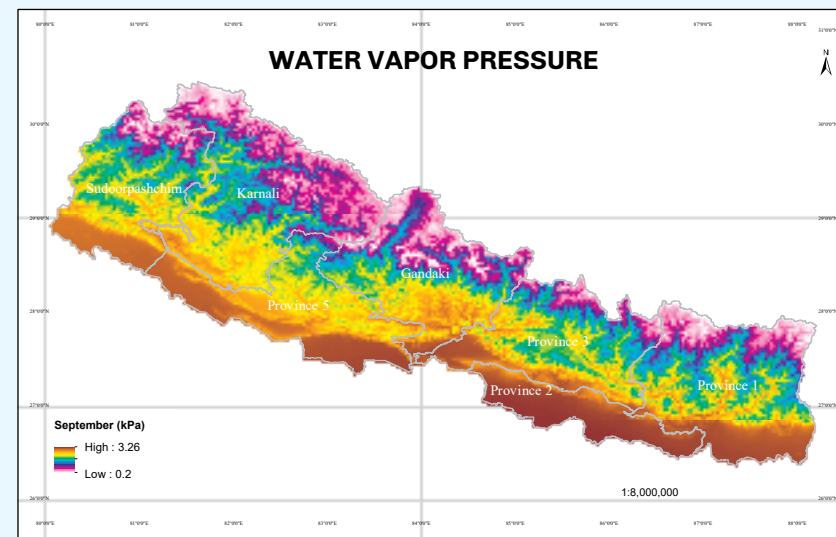
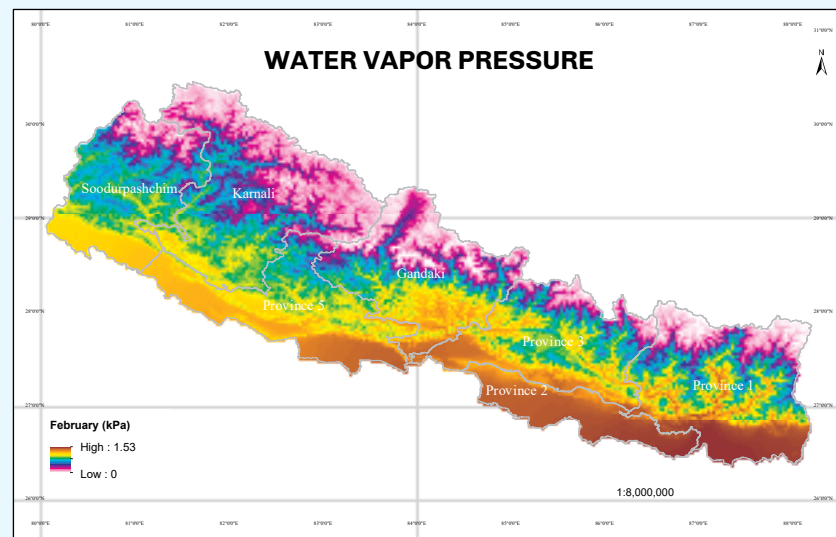
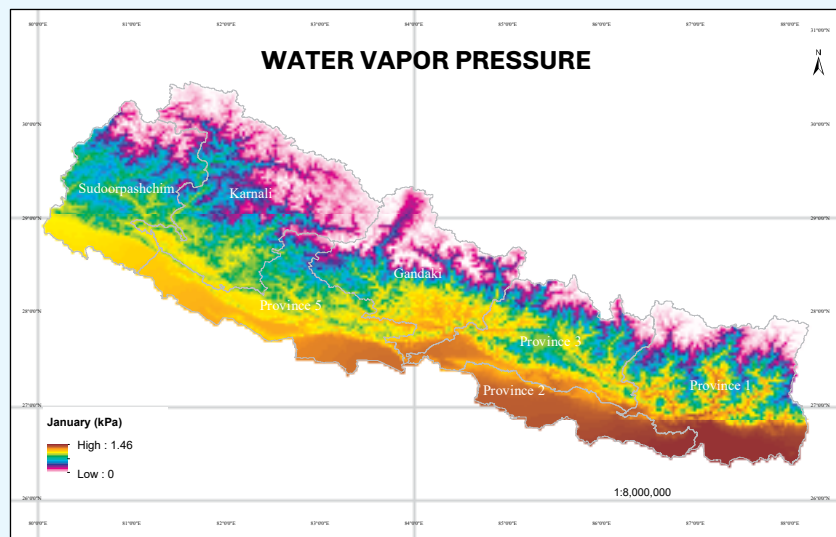
60.56% persons observed changes in number of wild animal species

78.09% persons observed decline in number of bird species

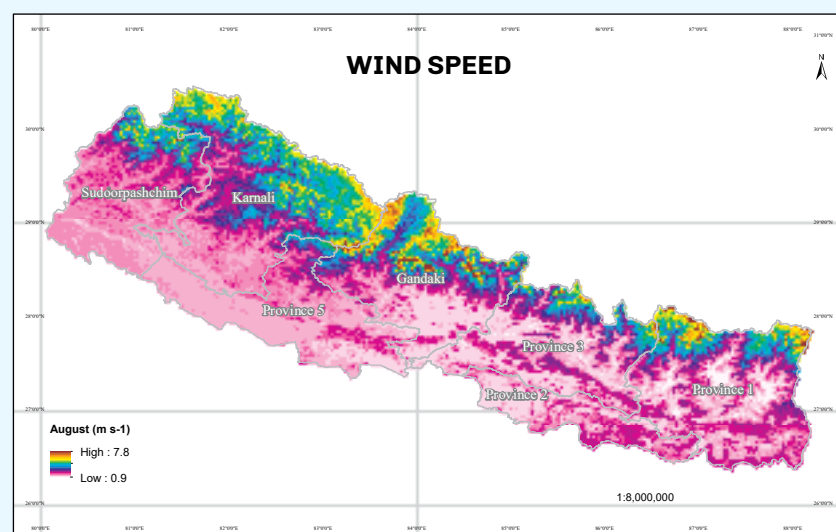
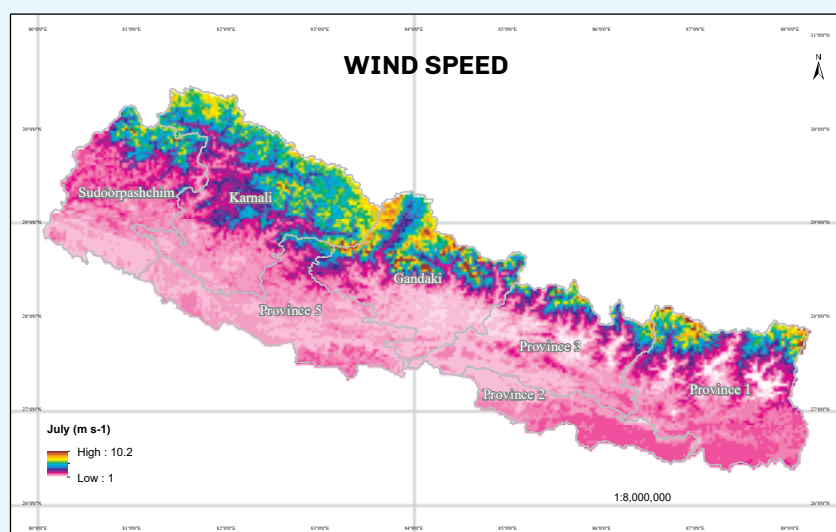
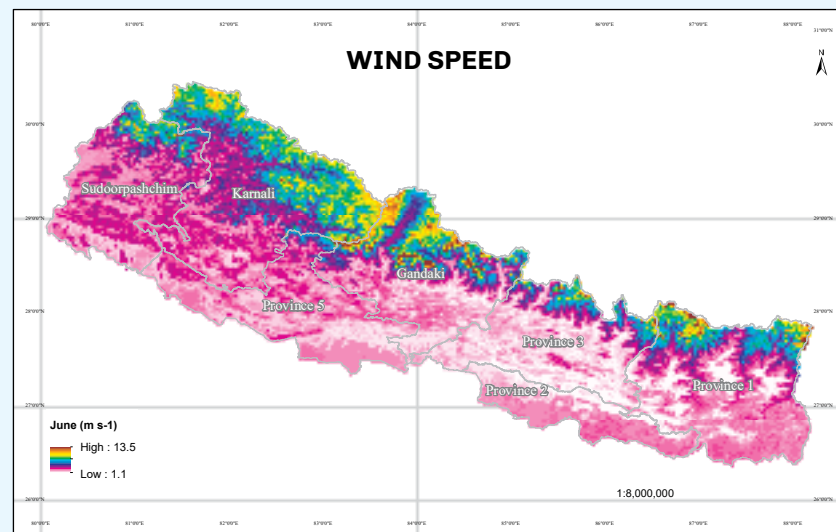
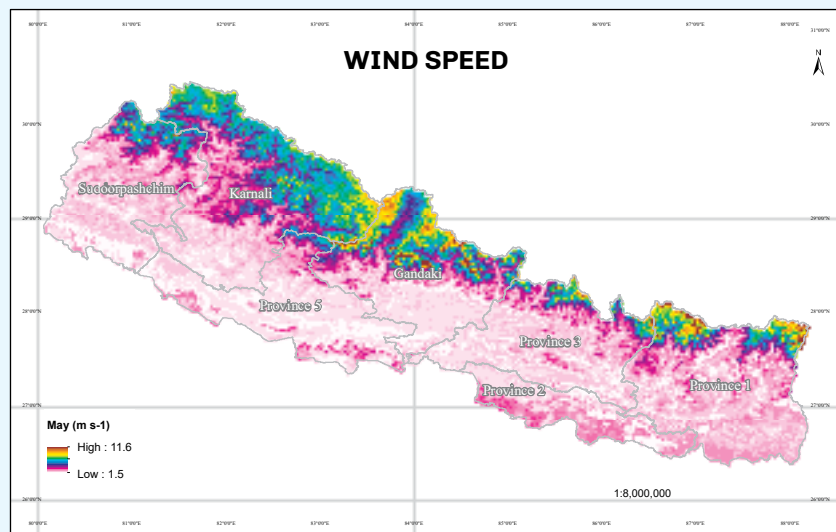
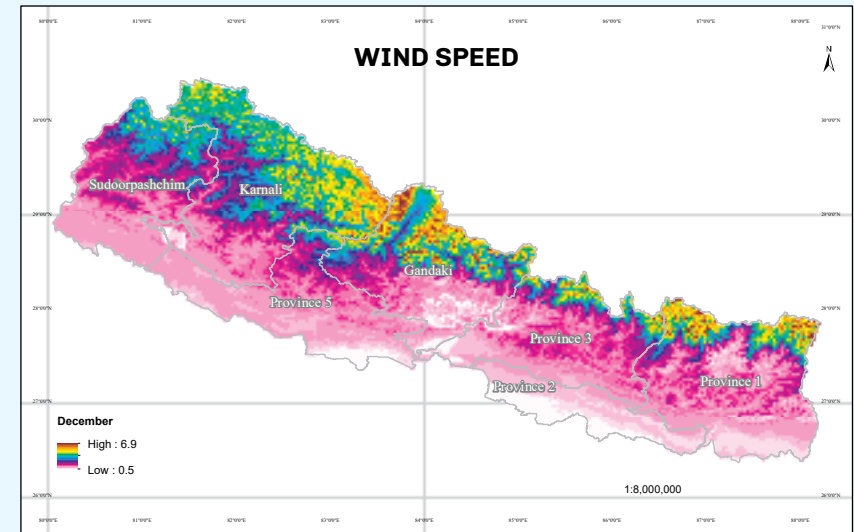
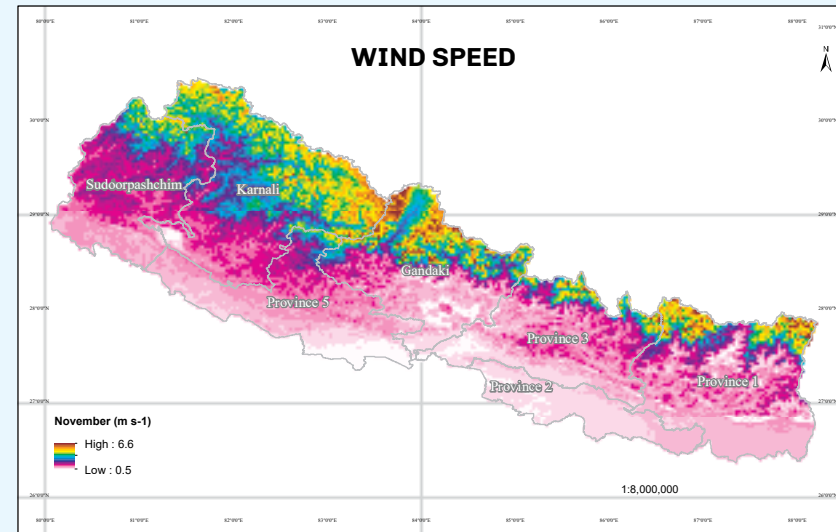
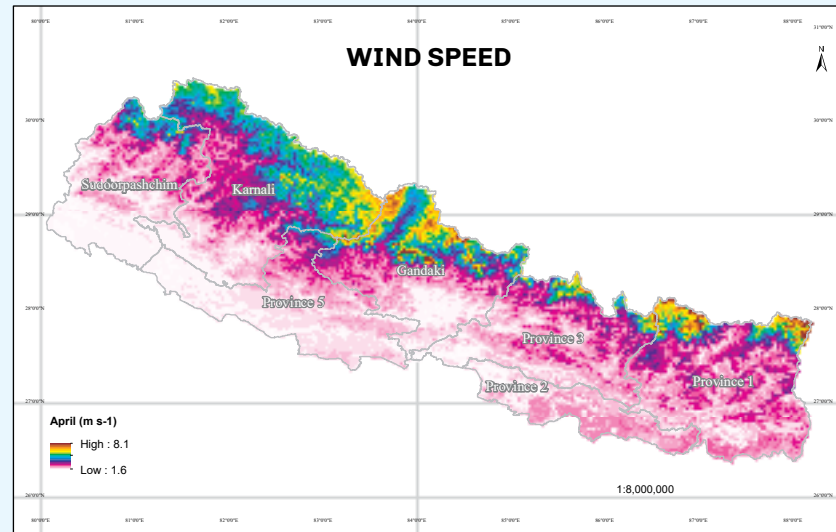
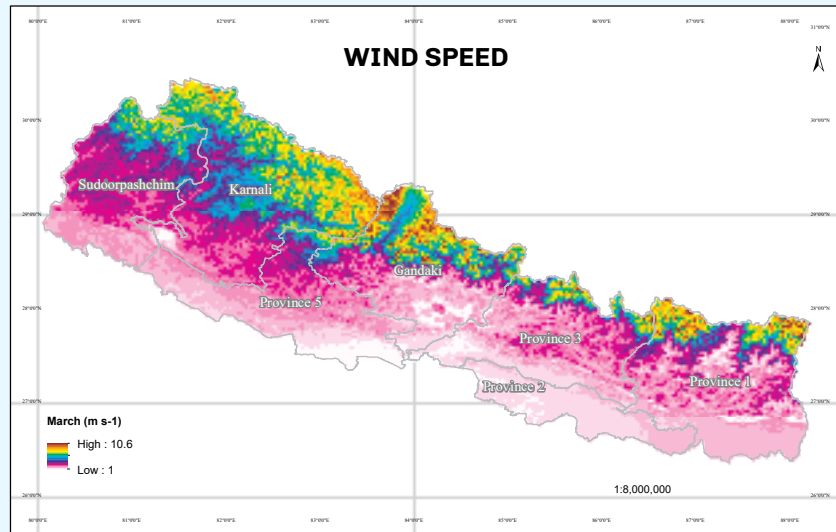
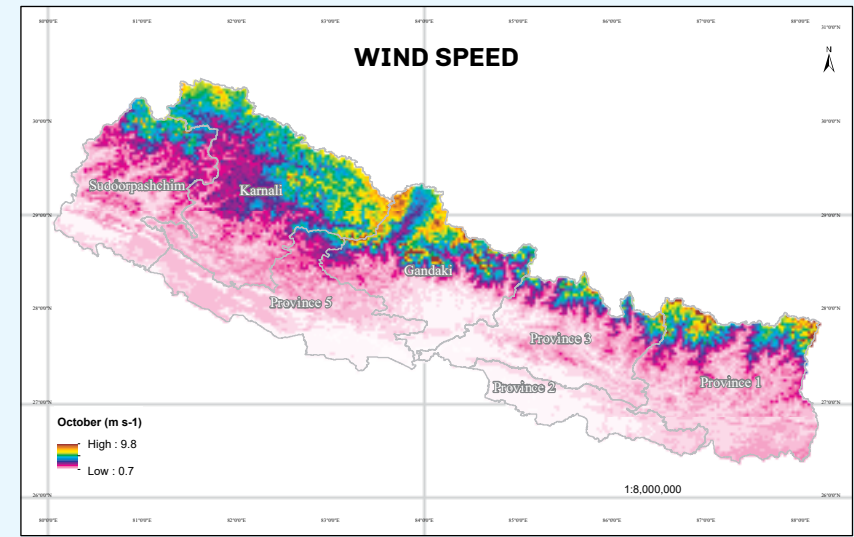
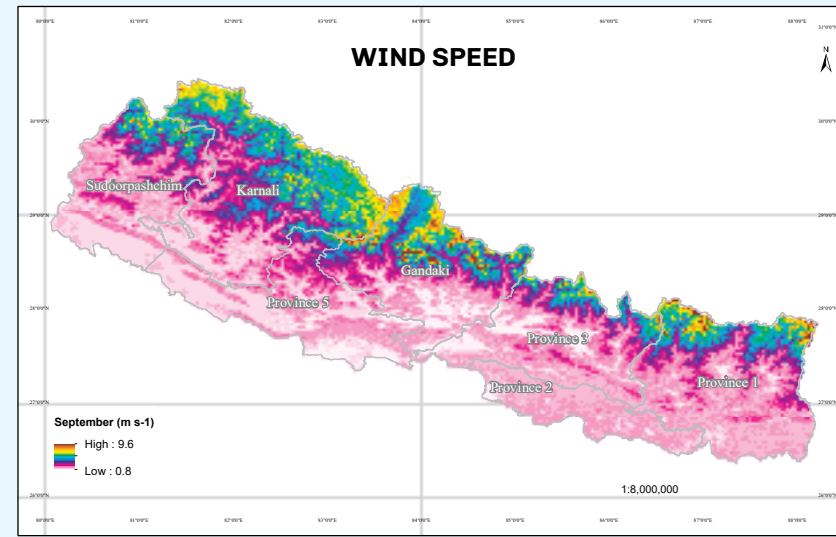
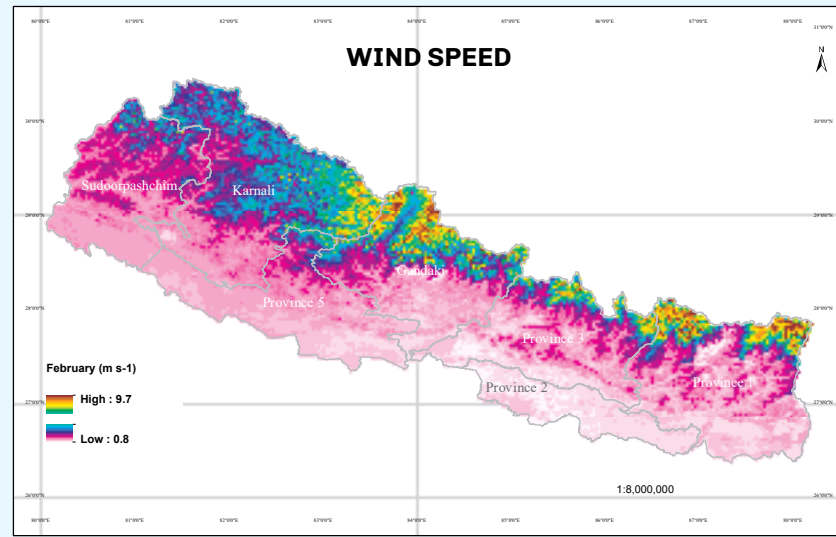
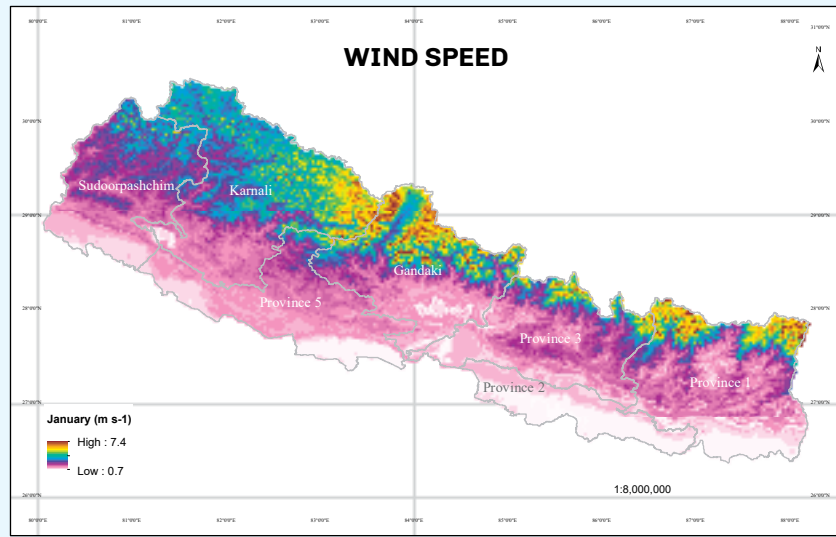
Survey sample size : **5,060** respondents

Source : National Climate Change Impact Survey 2016

CLIMATE, 1970-2000

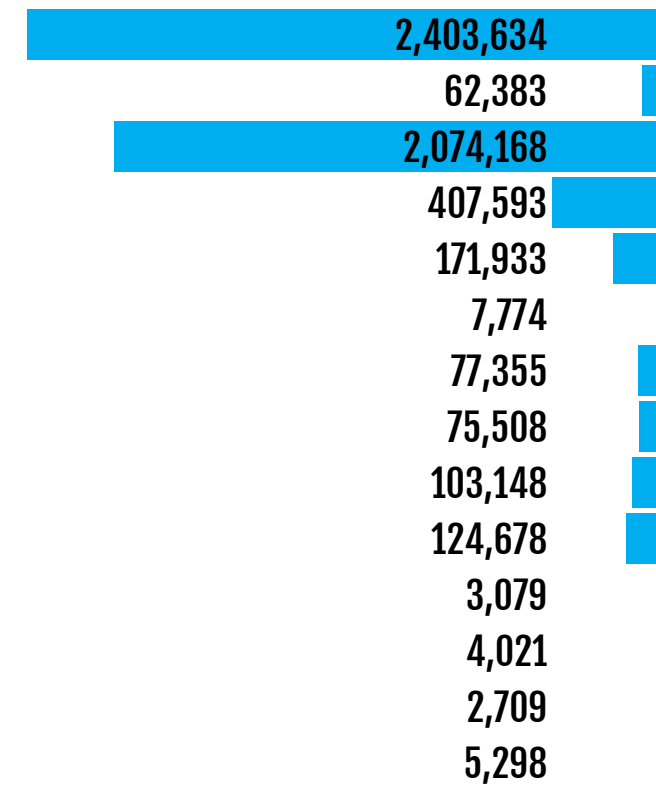


CLIMATE, 1970-2000



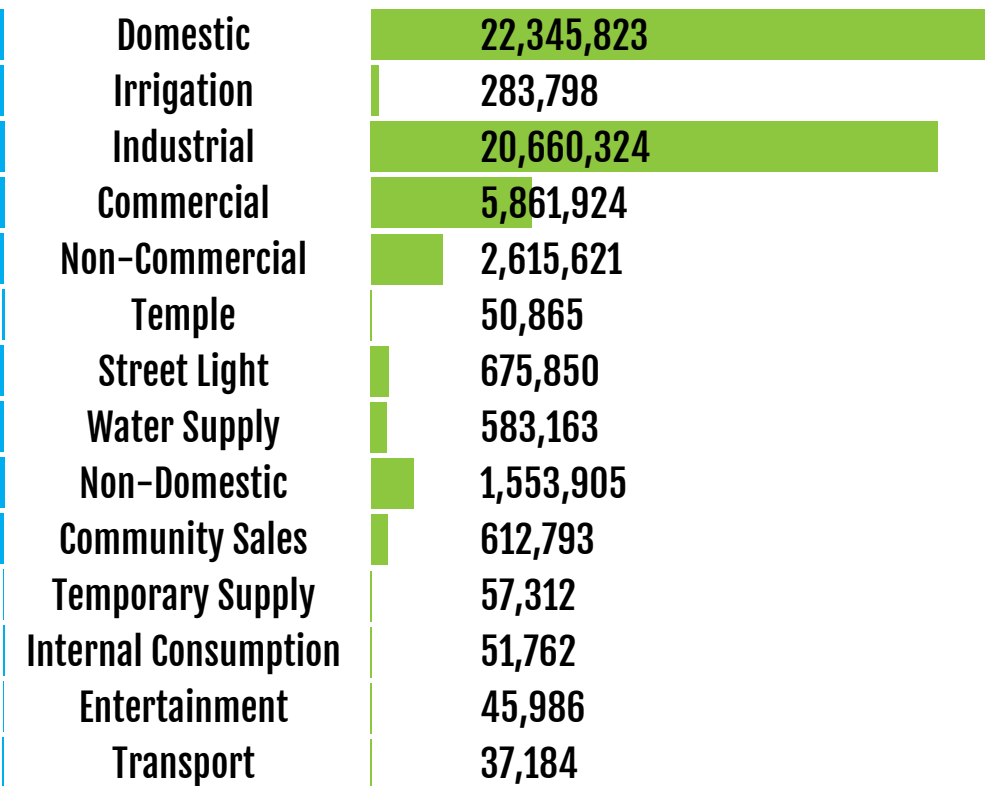
STATUS OF ELECTRICITY

SALES UNIT (MWh) for F/Y 2017/018



5,526,120

REVENUE for F/Y 2017/018 (NRS.in Thousands)

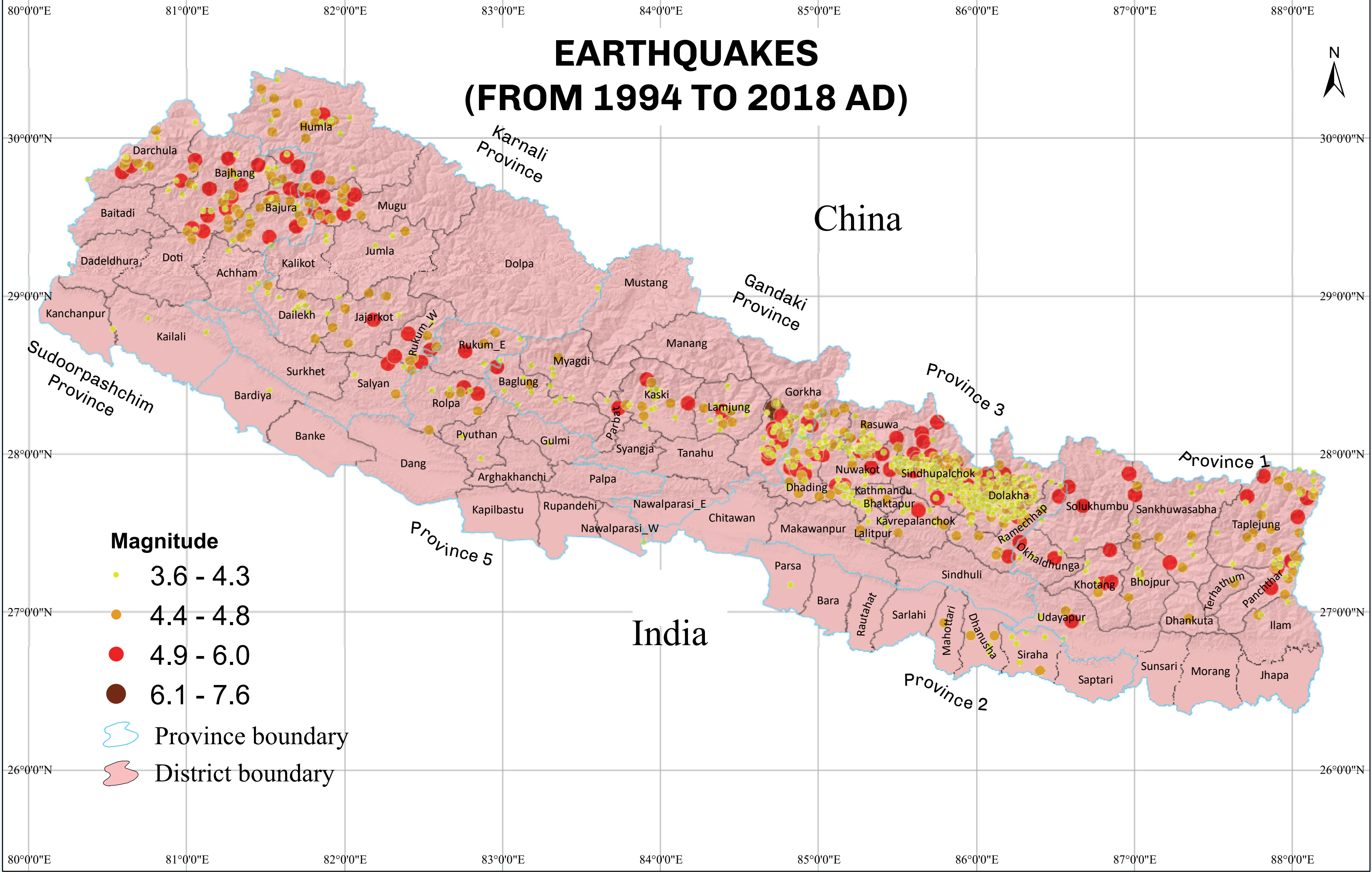


TOTAL

55,468,156

CLIMATE, 1970-2000

EARTHQUAKES (FROM 1994 TO 2018 AD)



EARTHQUAKES, 1994-2018

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तथ्याङ्क संकलन, विश्लेषण तथा डिजाइन



विकास उद्यमीको पहल

विकास उद्यमी

सपनी मार्ग, चाकुपाट

ललितपुर, नेपाल

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