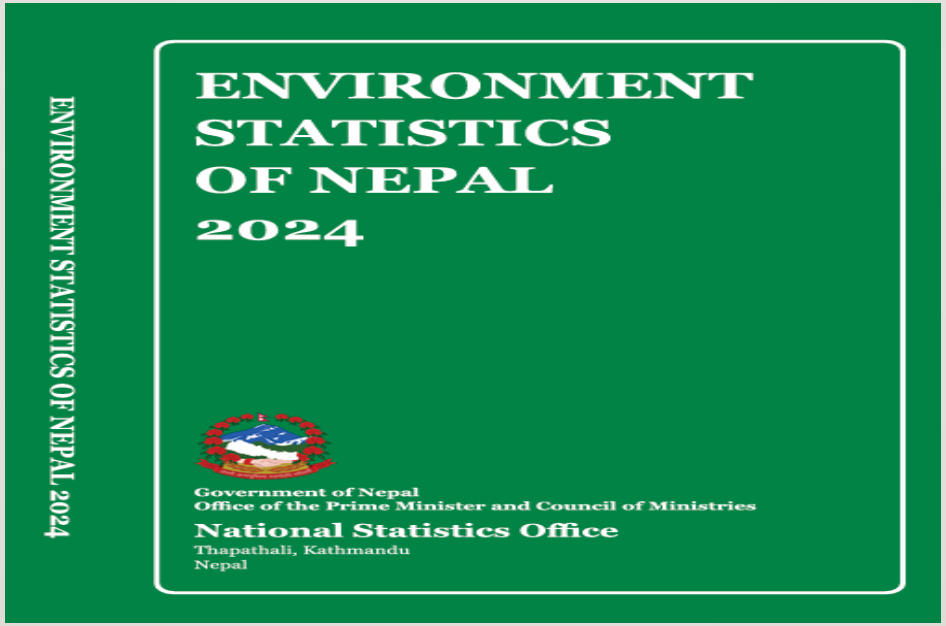
ENVIRONMENT STATISTICS IN NEPAL

NATIONAL STATISTICS OFFICE NEPAL

ENVIRONMENT STATISTICS OF NEPAL 2024



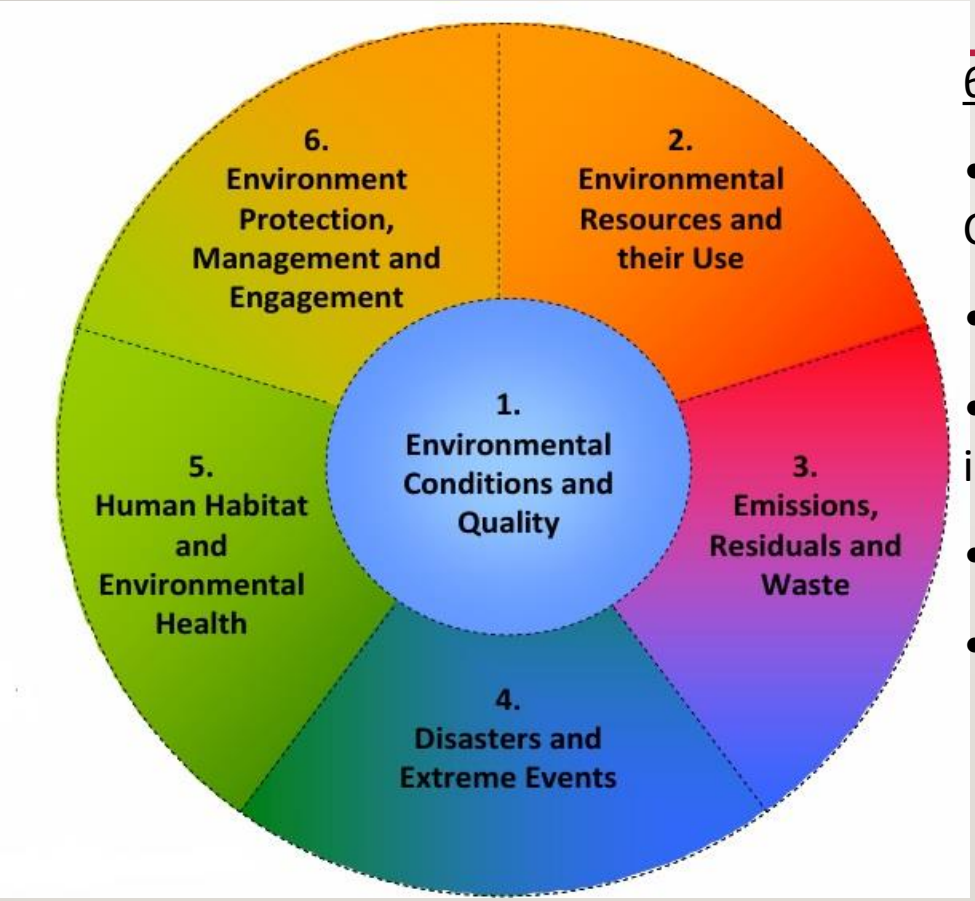
Nepal Environment Statistics 2024

Purpose: Provide comprehensive environmental statistics for policy-making and SDGs.

Framework: UN Framework for the Development of Environment Statistics (FDES 2013).

Nepal Environment Statistics 2024 is the 10th series.

Components of FDES



<u>6 components</u>

- At the centre: Component 1: Environmental Conditions and Quality
- All of the components relate to each other
- Multi-level (component, sub- component, topic, individual statistics)
- Flexible
- Adaptable

List of Tables(~200)

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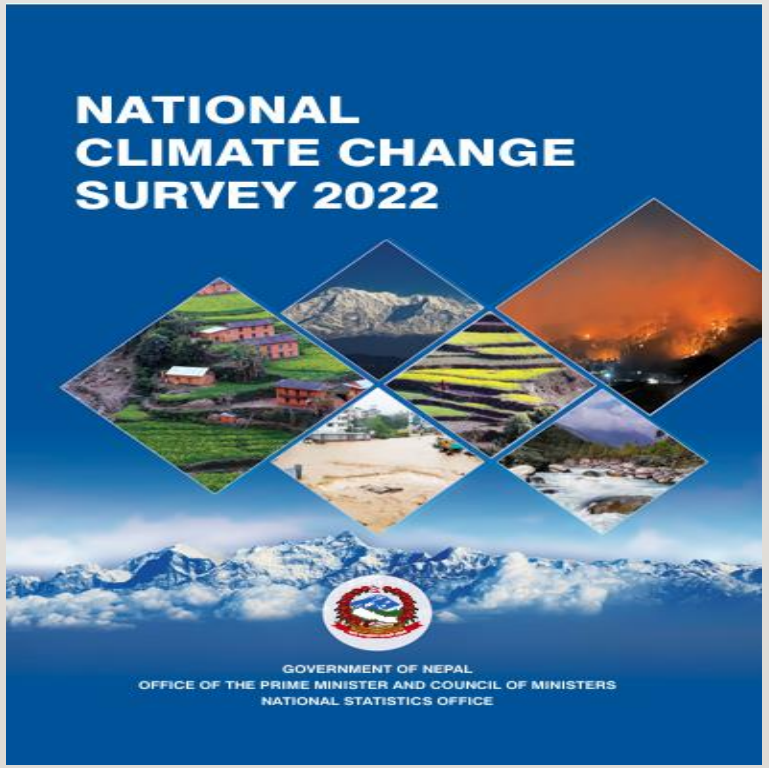
NATIONAL CLIMATE CHANGE SURVEY 2022



MAIN COMPONENTS

1. **Awareness and perception** (includes questions about the role of human activities, such as carbon emissions, in driving climate change)
2. **Attitudes and Behaviors**(includes questions about support for policies like renewable energy adoption, and conservation efforts)
3. **Climate impacts** (focuses on collecting data about the observed and perceived impacts of climate change on communities, ecosystems, and specific sectors like agriculture, water resources, or health)
4. **Vulnerability and adaption**(assesses the vulnerability of individuals or households to climate change and gather information on the adaptation strategies they are employing or considering)
5. **Demographics** (Data collected in climate change survey include demographic information, such as age, gender, education, income, and geographic location

THEMATIC COVERAGE

Water resources

Energy

Agriculture

Forestry and Biodiversity

Health

Disaster

Gender

Rural Urban

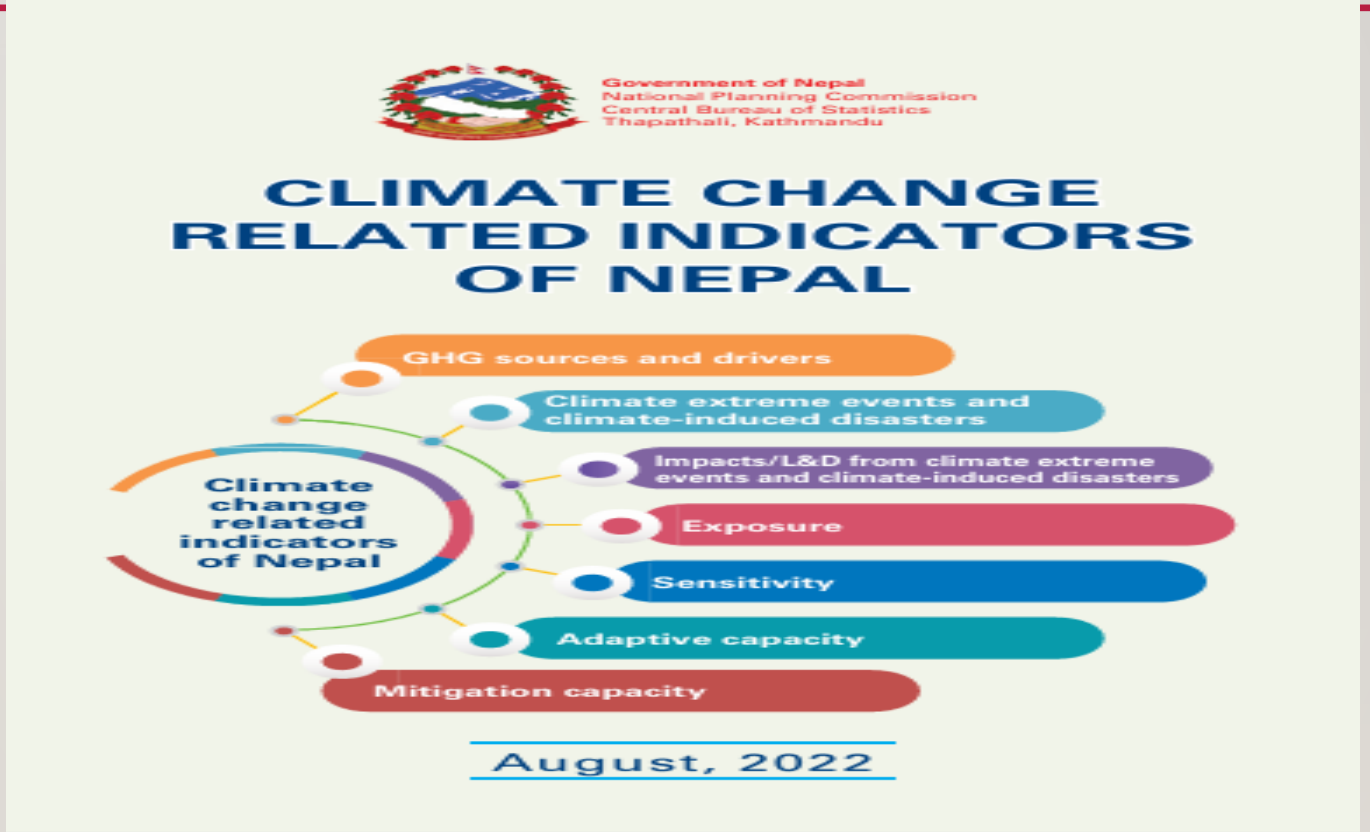
- Extreme weather impacts due to climate change at various levels (e.g., mountain, hills, and Terai) and sectors (e.g., energy, health, agriculture, etc.).
- Loss and damage.
- Knowledge on agriculture and biodiversity loss, impacts on water resources, food and human security.
- Information on adaptation measures

METHODOLOGY

- **Household based survey**
- **6520 households (similar sample compared to the earlier study**
- **Non-response rate was less than 0.5%**
- **Three stage sampling design**
  - **Stage 1: Selection of Districts**
  - **Stage 2: Selection of PSUs (EA)**
  - **Stage 3: Selection of Households**

The survey was restricted to only those households which had an occupant that met both of the following two criteria
a) was 45 years of age or older
b) Had lived in the area for 25 years or more

CLIMATE CHANGE RELATED INDICATOR OF NEPAL



WASTE MANAGEMENT BASELINE SURVEY 2020

SOLID WASTE ACCOUNT ,2023

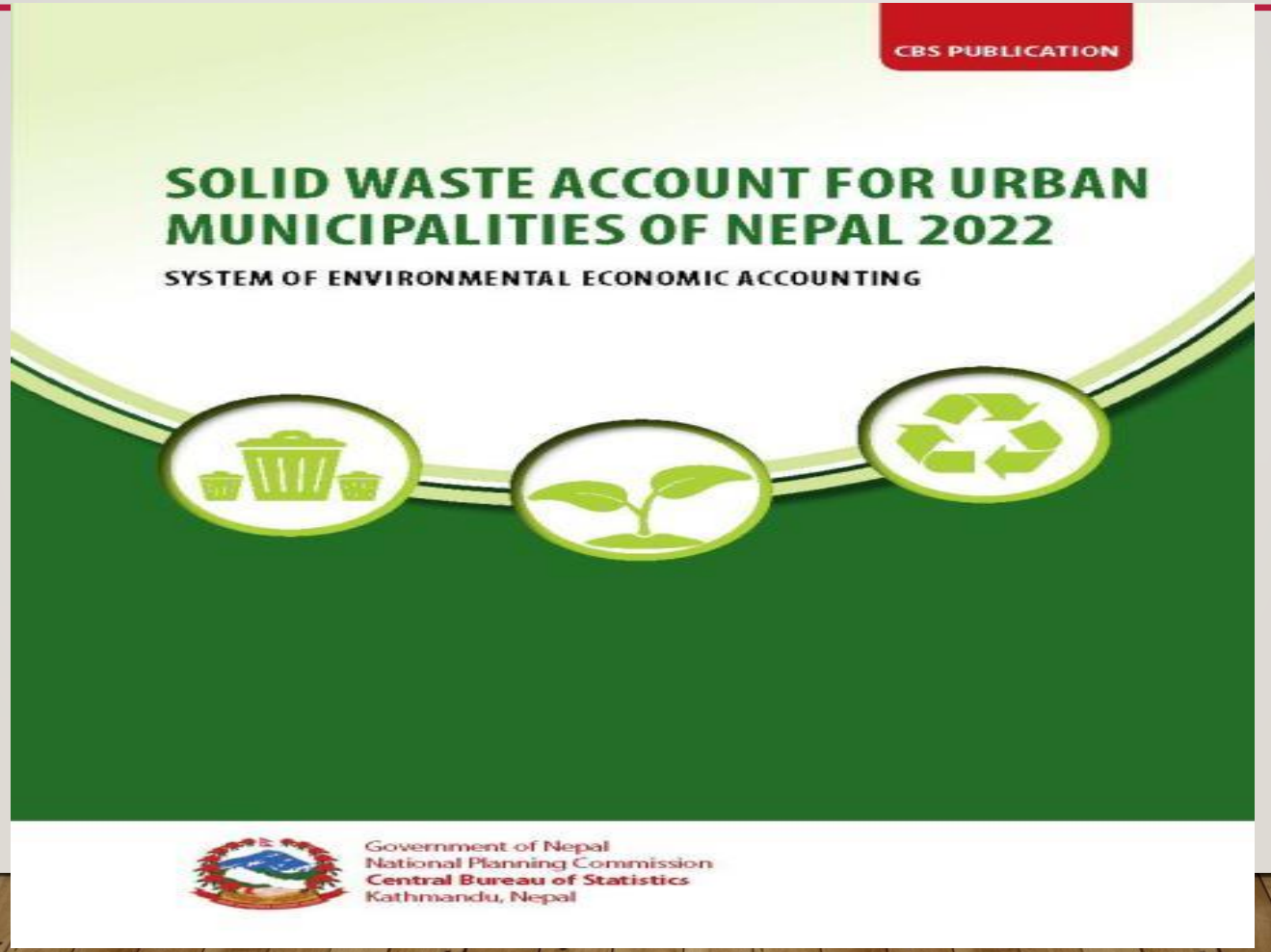


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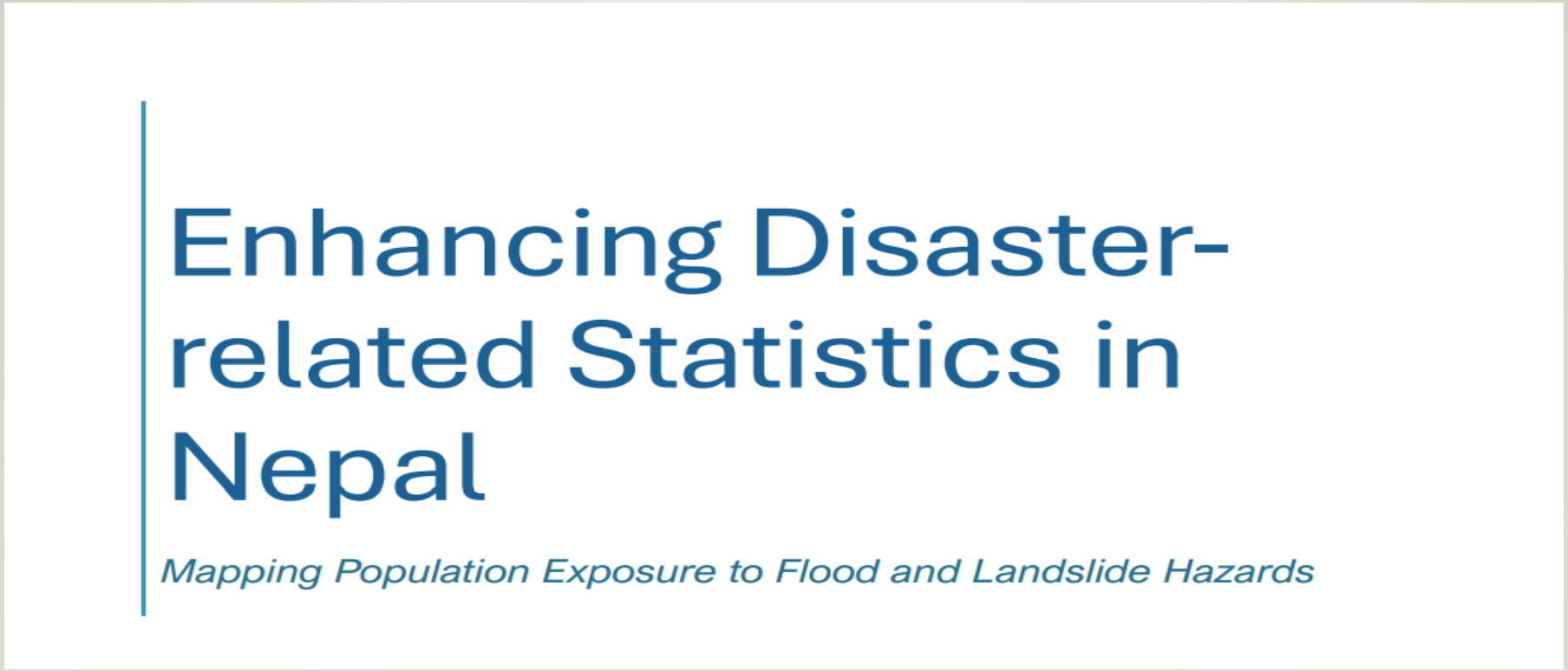
Table 22.	Solid waste use table for 276 municipalities cities of Nepal
Table 23.	Solid waste use table for all metropolitan cities, sub-metropolitan cities, and municipalities of Nepal

DISASTER RELATED STATISTICS IN NEPAL



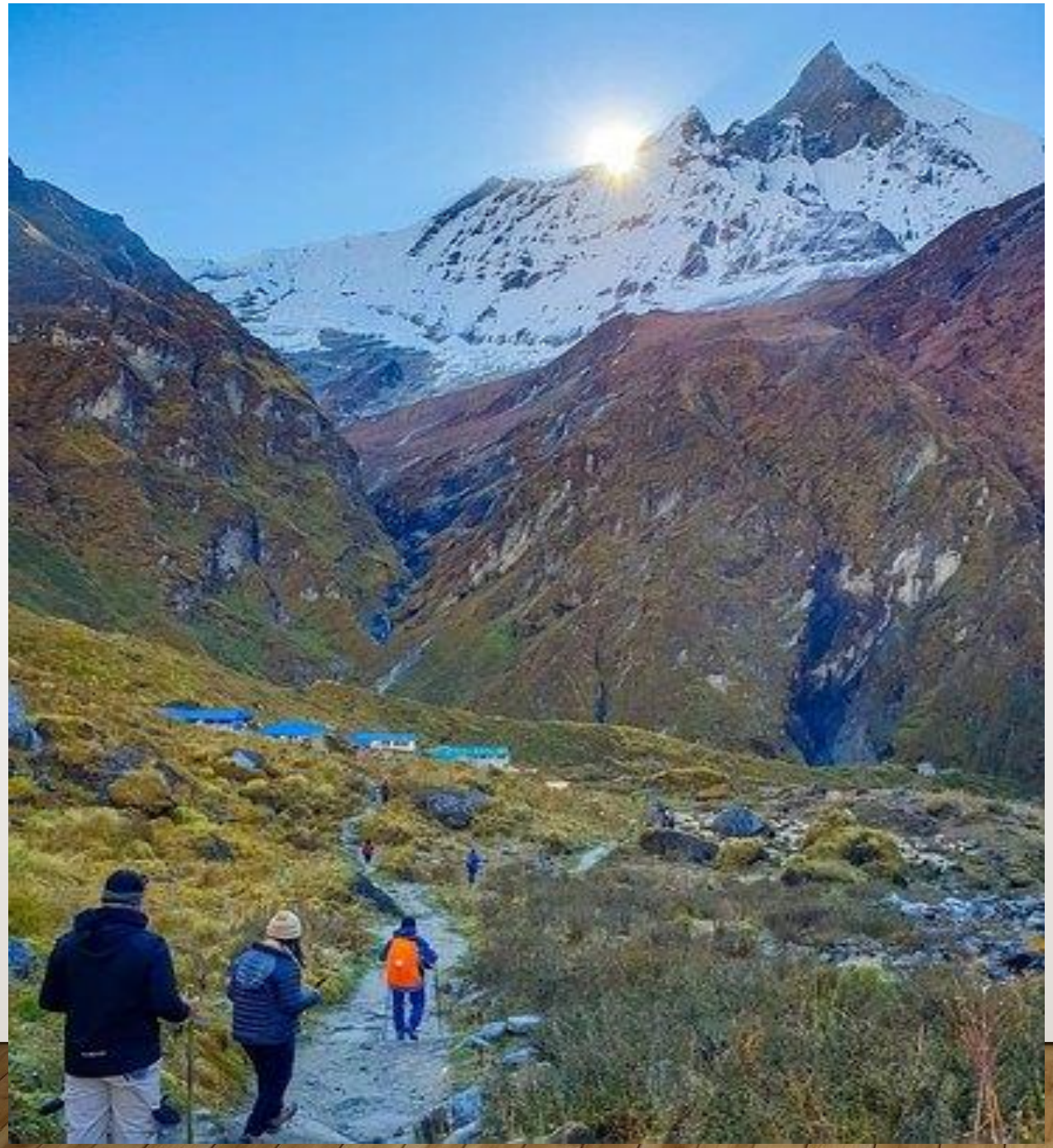
COMPENDIUM OF ENVIRONMENT STATISTICS 2015

CHALLENGE

- Less priority
- Human Resource
- Capacity Development
- Weak Coordination
- Data Availability and Quality Issues

WAY FORWARD 2025/2026

- Compilation of SEEA Forest Account
- Compilation circular Economic Indicator
- Compendium Environment Statistics 2026



Thank You!