



## Background of the study

- Nepal ranks as the 4th most climate-vulnerable country in the world (The World bank 2013).
- Highly exposed to a range of precipitation and temperature related hazards such as floods, droughts and landslides.
- Food security is vulnerable in Nepal due to topographical structure of the nation, low level of education, traditional aspects of agricultural system

## Objectives

- To analyze climate change awareness of smallholder farmers and understand the impact of climate change on food security and on migration.
- To determine and understand the connection between food insecurity and migration.
- To understand how topographic and demographic factors influence the adaptation behavior of smallholder farmers.

## Research Questions

- How does climate change affect food security and how food (water) insecurity affect migration?
- What kind of adaptation strategies (traditional or modern) are adopted by smallholder farmers to cope with climate change?
- How does topographic and demographic factors influence on adaptation of policies?

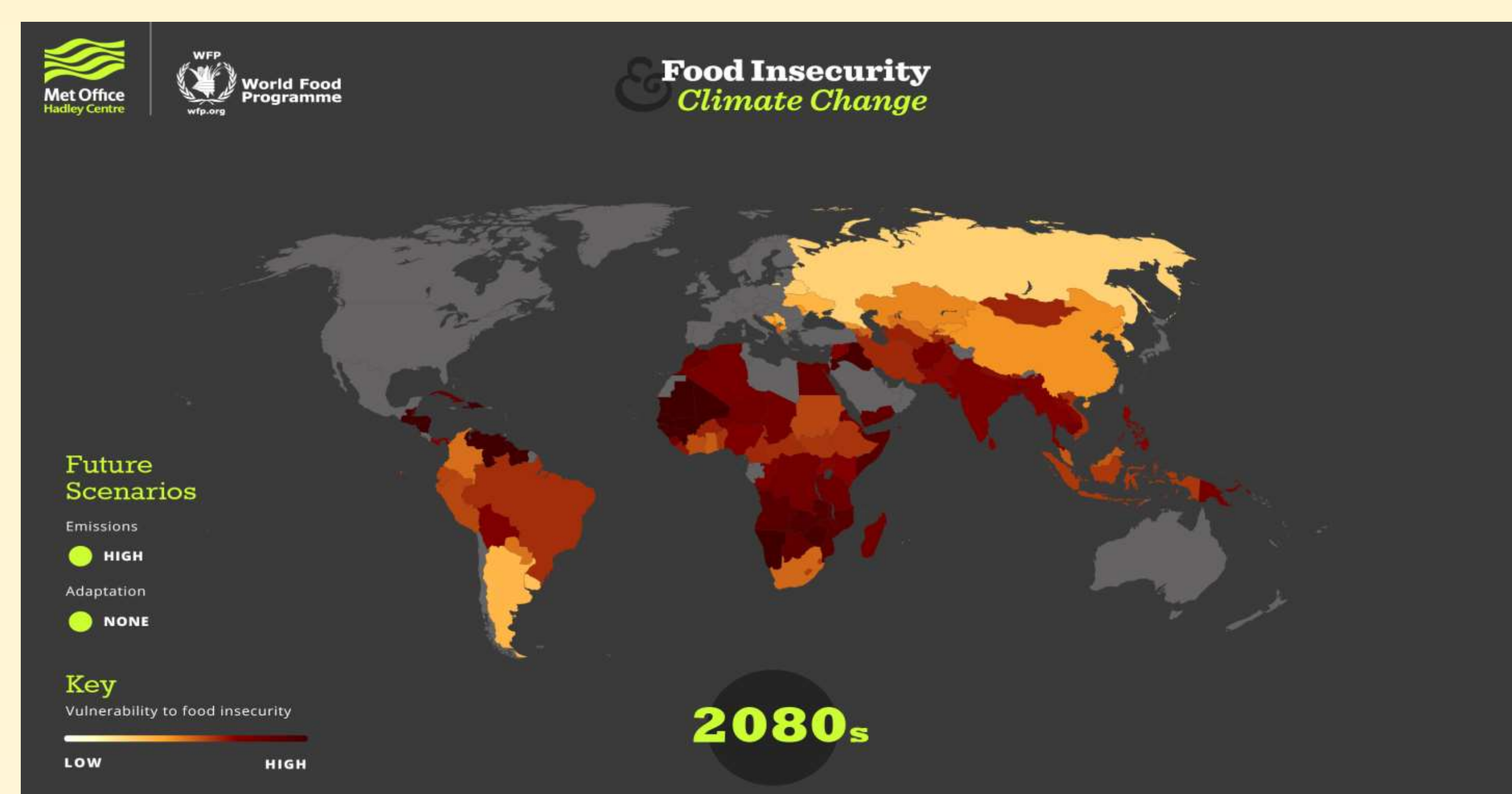
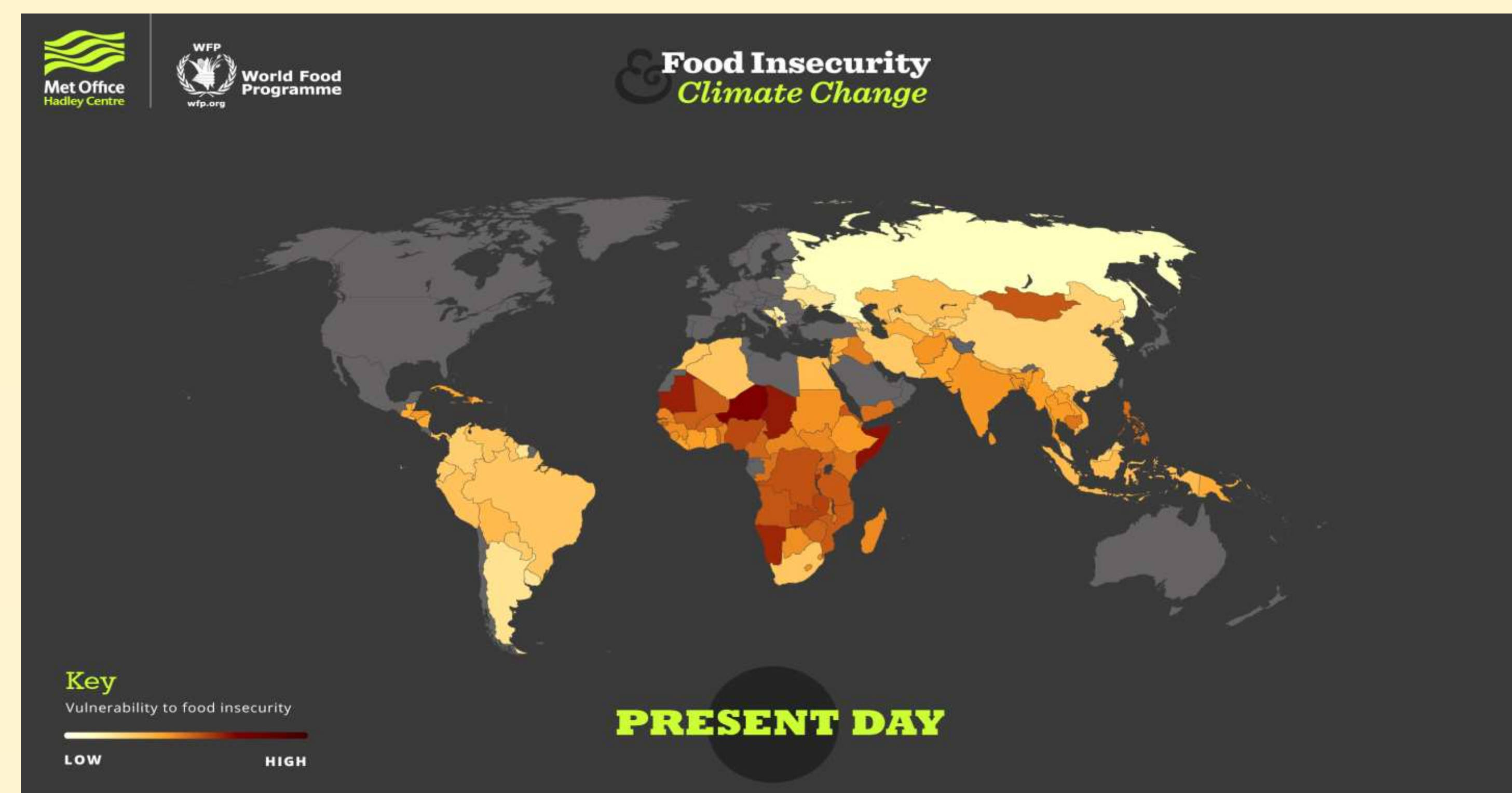
## Research Area

The study will be conducted in the Baglung District and Mustang District of Nepal. Climate change in this area has been rising issue by affecting the agriculture and livelihood of the local population.

## Methods

- Questionnaire survey-240 respondents +15 interviews
- Descriptive statistics
- Inferential statistics-multi-factor models

## Future Scenario of Food security



## Expected Outcomes

- To address food insecurity, there is a need to adopt protocols and treaties pertaining to climate change mitigation.
- Capacity building and awareness should enhance to ensure that communication about climate change and food security is meaningful.

## References

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