

Title: Are we ready for the adverse effects of climate migration? A study on climate change-induced internal migration in India for 2040

Principal Investigator (PI)

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Overview of the project:

This study will use historic population distribution and spatial predictors (socio-economic, geographic, and climatic impacts) to predict the state of future internal migrants in India. This project

aims to conduct a national level forecast for the internal climate migration. The results will be beneficial for evaluating the status of climate migrants in different spatial locations of India and lay the foundation for policy interventions in various states of India.

Research Methodology:

- The data collection includes collecting quantitative as well as qualitative data. Field surveys are also required to be performed for collecting some qualitative data regarding the potential sending/receiving zones.
- Spatial population distribution data will be utilized and then the population change will be calculated based on the past years for urban and rural areas.
- The rural and urban population change, along with geographic and climatic factors, will be used as an input to the model. Further, rural and urban population change potentials are evaluated, and differences are analyzed.

Deliverables:

- A geographic map highlighting internal climate migration zones.
- Policy implications on urban development and population movement.
- Impact assessment of climate change and its influence on population movement.
- A detailed report and scholarly journals publications.