



## CLIMATE CAPACITY BUILDING: RISK ANTICIPATION AND MINIMIZATION

As of: July 2021

Risk forecasting and risk mitigation measures are crucial approaches to improving resilience to changes in the regional climate. The project aims to strengthen climate capacities in the partner countries. By using seasonal forecasts of climate phenomena and climate projections, the consequences for water balance and agriculture are estimated and the impact of such phenomena and trends on climate migration patterns is assessed. The expertise regarding climate risks and their predictions is developed in a user-oriented way and anchored in the partner countries. In conjunction with observational data and seasonal forecasts, recurrent phenomena such as the Indian Summer Monsoon and El Niño, as well as trends caused by climate change, are projected. The data is used in the agricultural and water sector to estimate the impact on the living environment of the population. This in turn contributes to better understanding and anticipating climate-induced migration movements.

### State of implementation/results

- The project team shares its knowledge on climate change and migration issues in various publications and podcasts. The links to these can be found further down on this page.
- In order to provide science-based policy advice, trainings are conducted with local stakeholders in partner countries.
- Due to the COVID-19 pandemic, workshops are currently being postponed or held online as a series of webinars.
- Consultations of project advisory boards in Germany and partner countries will be used to improve and adapt research findings in partner countries.
- Long-term forecasts of the onset and decay of the Indian summer monsoon, produced by the EPICCC Monsoon Research Group, are regularly published on the PIK Monsoon Page (see link below).
- Project leader Dr. Kira Vinke was elected to the

## PROJECT DATA

### Country/Countries:

Äthiopien, Brasilien, Indien, Peru, Tansania

### Implementing organisation:

Potsdam Institute for Climate Impact Research (Potsdam-Institut für Klimafolgenforschung e.V. - PIK) - Germany

### Political partner(s):

- Ministry of Agriculture (MoA) - Tanzania
- Ministry of Environment (MINAM) - Peru
- Ministry of Science and Technology (MoST) - India
- Parliament of Telengana state - Legislative Assembly Telangana Rashtra Samithi - India

### Implementing partner(s):

- Deutscher Wetterdienst (DWD)
- The Energy and Resources Institute (TERI) - India

### BMU grant:

€ 4,881,951.15

### Duration:

01/2018 till 12/2021

### Website(s):

<http://www.pik-potsdam.de/research/projects/activities/epicc>





Federal Ministry  
for the Environment, Nature Conservation  
and Nuclear Safety

INTERNATIONAL CLIMATE INITIATIVE (IKI)



German Government's Advisory Council for  
Civilian Crisis Prevention and Peacebuilding and  
as co-chair.

