

## Digital and Spatial Technologies for Anticipatory Action (DASTAA)

Nepal and Bangladesh, highly vulnerable to climate change, lack data-driven disaster preparedness, leading to humanitarian challenges.

The project aims to provide anticipatory actions to 9,000 households in flood-prone areas, fostering collaboration among stakeholders to reduce disaster impacts and protect vulnerable populations.

### Introduction

Anticipatory actions to approximately 9,000 households in flood-prone areas of Nepal and Bangladesh

A collaborative mechanism among stakeholders to facilitate coordinated anticipatory actions.



Aiming to reduce the impacts of disasters and protect vulnerable populations from loss of lives, displacement, and economic devastation.

### Development and Implementation

Generating Household Level Disaster Risk Management Plans (HDRMPs) for approx. 9,000 households by assessing flood hazard, vulnerability, and exposure of each household in the region.

Profile vulnerable and marginalised populations ahead of disasters to develop inclusive disaster management strategies.

Integrate risk and weather information to provide customised early warnings and early action information.



Provide easy and timely access to forecasts and near real-time observations to households.

Support relevant stakeholders in designing targeted Disaster Risk Reduction/Management Programs.

Build the capacity of relevant stakeholders for proactive disaster management.

### Expected Outcomes

Equip households in flood-prone regions of Nepal and Bangladesh with improved preparedness measures, enabling them to anticipate and withstand disasters more effectively.

To be able to leverage DASTAA by local governments, humanitarian agencies, and relevant stakeholders in designing better-targeted and inclusive Disaster Risk Reduction/Management Programs.