



Photo: ESCAP / Mahbubur Rahman

ESCAP TRUST FUND
FOR TSUNAMI,
DISASTER AND
CLIMATE
PREPAREDNESS

CAPACITY BUILDING ON GENERATION AND APPLICATION OF DOWNSCALED CLIMATE CHANGE PROJECTIONS



Beneficiary
Countries
**Myanmar, Pakistan,
Sri Lanka**

Implementing
Partners
RIMES

Budget (US\$)
\$330,000

Duration
**Nov. 2014 to
Sep. 2016**

Related SDGs



PROJECT CONTEXT

Projections are necessary to assess climate change-induced risks. They are key for the development of effective adaptation and risk management strategies. Therefore, several initiatives on generating regional climate scenarios were launched. Nevertheless, their products yet needed to be customized on the local scale to be relevant for communities. Furthermore, the huge uncertainties in climate projections required advanced user capacity for climate projection interpretation and application which are often lacking in high-risk countries.

PROJECT OBJECTIVE

The project aimed to build capacity of national meteorological and hydrological services (NMHS) in customizing regional climate projections to improve risk analysis and to develop risk-informed adaptation strategies.

KEY OUTCOMES

- The national planning agencies in Myanmar, Sri Lanka, and Pakistan adopted the integration of a climate risk management approach into development planning.
- Downscaled, customized climate projections are now available in Myanmar, Sri Lanka, and Pakistan. The Climate Data Access and Analysis System (CDAAS) was developed for online access to and analysis of downscaled datasets and the generation of downscaled projections.
- The capacity of climate-sensitive sectors on climate risk analysis and adaptation was enhanced, reaching out to more than 81 institutions.
- Nine provider-user forums on robust climate information were held in Cambodia, Lao PDR, and Pakistan. During the forums, user needs and demands were raised and noted by the respective NHMSs for action.

