

Climate Adaptation and Resilience for South Asia



A partnership between ADPC, RIMES and the World Bank to support informed decision-making for protecting development gains

The "Climate Adaptation and Resilience (CARE) for South Asia" project is supporting the region in building resilience to climate change by improving the availability of regional data and knowledge, developing guidelines, tools and capacities, and promoting climate-resilient decisions, policies and investments across key sectors.

Key sectors



Climate-smart Agriculture



Integrated Water Resources Management



Resilient Infrastructure (Transport)



Finance



Policy and Planning

Countries for pilot interventions

- Bangladesh
- Nepal
- Pakistan

Expected outcomes

- Improved access to regional climate information and analytics for climate-informed decision-making in select sectors.
- National-level planning and decision-making tools are better climate risk informed in select sectors.
- Regional climate resilience guidelines for select sectors incorporated into national standards.
- Sectoral investments supported to include climate risks and resilient design in select sectors.
- Institutional capacities within select sectors strengthened to undertake climate informed policies and planning.

Duration

May 2020 – August 2025

Building resilience to climate change and protecting development gains

South Asia has experienced a long period of robust economic growth over the past 20 years. However, development gains are increasingly threatened by the spillover impacts of climate-related hazards that can also push millions of people below the poverty line by 2030 unless action is taken now.

Disruptions by climate-related disasters are incredibly costly for governments, households, and the private sector.

For example, during the past 30 years, climate-induced disasters have affected 1.68 billion people and caused over US\$127 billions in economic losses in South Asia. Therefore, investing in climate resilience is critical. To achieve this, improved availability of climate data and analytics alongside relevant guidelines, tools, and capacities for key sectors are important for governments in South Asia to take climate-risk informed decisions.

1.

Promoting evidence-based climate-smart decision-making



Expanding Regional Resilience Data and Analytics Services (RDAS)

Strengthening national-level sectoral Decision Support Systems (DSS) for climate resilience



Training for climate-informed decision-making



2.

Enhancing policies, standards, and capacities for climate-resilient development

Objective and Components

The objective of the project is to contribute to an enabling environment for climate resilience policies and investments in select sectors and countries in South Asia through two parallel but distinct components.



Advisory services for policy and investment interventions

Promoting climate-resilient design and standards



Implementation support to climate-risk management solutions



Innovation for climate adaptation and resilience

Regional-level interventions

The project is facilitating cooperation between South Asian countries to reduce transboundary impacts of climate change and pool resources to meet common challenges through the following interventions:

-  Develop an open access Resilience Data and Analytics Services (RDAS) platform for an easy access to hazard, vulnerability, exposure, and hydrometeorological data for South Asian countries
- Capacity building for climate-informed decision-making 
-  Facilitate access to knowledge, expertise, best practices, and technical assistance
- Facilitate a regional dialogue with national finance, planning, and line ministries to catalyze planning, policy reforms, and investments in climate resilience 
-  Promote innovation and adoption of disruptive technology in South Asia by awarding grants to eligible and qualifying innovators



National-level pilot interventions in Bangladesh, Nepal and Pakistan



Provide evidence-based policy analysis to integrate climate risk management in sectoral policies and action plans



Develop investment plans for scaling-up existing structural climate-resilient measures



Strengthen strategic and policy frameworks for climate-smart agriculture and integrated water resources management



Integrate gender-informed resilience into the sector strategies



Provide policy and knowledge support to implement select adaptation priorities under the Nationally Determined Contributions (NDCs)



Provide training on climate-resilient adaptive policy-making, design and solutions in priority sectors

Provide technical support to countries on:

enabling the adoption of technology solutions supporting the creation of climate-smart institutions, governance and finance

supporting climate research and development through collaboration with academic institutions

supporting the Finance and Planning ministries on analytics for macro-level and fiscal risk management

assisting the participating countries in developing disaster risk financing strategies including supporting the accreditation process for its national/sub-national entities

For more information: <https://buff.ly/2ZkzVLz>

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