

Climate Risk Management in Central Asia

Challenges

Central Asia experiences a trend of changing precipitation, glacier melting, and the filling of moraine lakes, leading to increased risks of droughts, landslides, floods and water scarcity. These phenomena know no borders; therefore, governments of neighbouring countries need to work together to address shared risks and coordinate their responses. There is an urgent need to address climate impacts and deliver low carbon, climate resilient and inclusive growth in the region. The Climate Risk Management in Central Asia Programme supports governments and non-governmental organisations in their efforts and collaboration in this regard. It is implemented on behalf of the German Government and is co-funded by the Government of the United Kingdom.

The project duration: 03.2022 - 03.2028. Total budget: €22,5 million.

Services and Modes of Delivery

Transboundary early warning system for hydrological disasters

- Improving cooperation across borders in disaster risk reduction.
- Conduction of hydrological modelling under the climate change in selected river basins.
- Trainings on hydrometeorological modelling and support the establishment of a transboundary early warning system.

Integrated Climate Finance and Innovation Support

- Provision of small grants to support regional climate-resilient and low-carbon initiatives.
- Advisory support and facilitation of structured dialogue among stakeholders to leverage private climate finance investments.

Improving the capacity in climate risk management

- Climate risk assessments in selected river basins.
- Identification and implementation of necessary adaptation measures to reduce climate risks with stakeholder involvement.
- Consultations on climate risk management, expansion of local development and climate adaptation plans considering transboundary measures and gender aspects.
- Advisory support for implementing 30 measures to reduce climate risks.
- Experts training on climate risk assessment.

Regional and cross-sectoral exchange of experience and knowledge

- Supporting regional cooperation and informational exchange.
- Processing and dissemination of the programme's experience.
- Supporting coordination efforts of other regional and local initiatives for transboundary climate risk management.

Objective

In Central Asia, transboundary climate and disaster risk management has been improved on local, national and regional levels.

Selected Results and Impacts



>400
participants

of thematic study tours, consultations, seminars



4
transboundary and 1 national river basins

have climate risk assessment profiles



5
Ministries for Emergency Situations

and Emergency Authorities signed the Protocol of Intent on strengthening early warning systems



3
transboundary river basins

Ugam, Zarafshan, and Amu Darya – have an adapted SWIM hydrological model to predict future runoff



5
grants

received consortia (NGOs and government institutions) for climate-resilient and low-carbon initiatives



2
high-levels platforms

the Regional Forum-Meeting of Heads of Emergency Authorities and the Central Asia Climate Change Conference



10
partner institutions

with improved technical infrastructure