

Tajikistan Pilot Program for Climate Resilience (PPCR)

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Mr J Qurbonbekov &
I Rajabov,
PPCR Focal Point



Tajikistan

- **Principal development challenges:** reducing poverty, public administration reform, restoring and maintaining macro-economic development and stability, improving the investment climate, developing physical infrastructure, energy and agriculture, accelerating reforms and regional cooperation.
- **Geographic and historical factors:** remote location, small size, limited resource endowment and Soviet legacy



Source: National Development Strategy, and Third Poverty Reduction Strategy

A Changing Climate in Tajikistan

- Climate change is likely to pose **additional and significant risks** to human welfare, economic activity and the environment in Tajikistan;
- There is limited **institutional and human capacity** to incorporate climate change adaptation into ongoing programs and development planning;
- **Energy security** is critical for Tajikistan's development but the main source of energy (hydropower) is extremely sensitive to climate variability and climate change;
- Threats to **agricultural production** and **rural livelihoods** will increase with climate change;
- Critical ecosystems, communities and infrastructure in major **glacier-dependent river basins** containing a large proportion of agricultural land, are already highly vulnerable.



Investment Rationale

- The PPCR has set in motion a **more proactive approach** to climate resilient development;
- The PPCR is serving as a **catalyst for coordination** within Government, with multilateral and bilateral donors and other stakeholders;
- It contributes to the **development of institutional mechanisms** that ensure a focus on climate impacts and adaptation and the **building of institutional and human capacity** in areas relevant to climate resilience;
- Through extensive consultation with government and other stakeholders, agreement was reached that the PPCR will support transformational investments that **pilot innovative approaches to improving climate resilience** in vulnerable sectors, providing demonstrable results that can be scaled up in Tajikistan and beyond;
- The program will also support the creation of a **solid evidence-base** to support integrating adaptation into decision-making.



Ongoing activity (Phase 1)

- **Phase 1 activities:**

- Review of institutional arrangements and capacity needs;
- Raising awareness of climate change in Tajikistan;
- Climate Science and Impact Modeling Partnership;
- Options for enhancing the climate resilience of the energy sector;
- Analysis of sustainable land management approaches;
- River basin approaches to climate resilience.



What are the proposed investments in Tajikistan's SPCR?



Proposed SPCR Investment (1)

Building Capacity for Climate Resilience

Asian Development Bank and Government of Tajikistan

Estimated level of funding: \$ 3 M

PPCR request: \$ 3 M



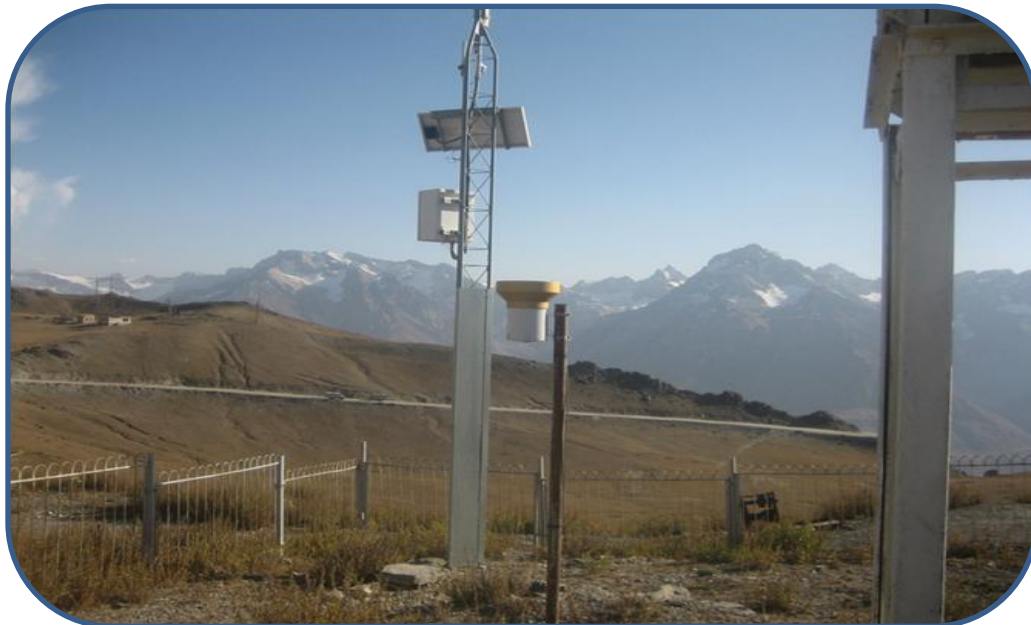
Proposed SPCR Investment (2)

Improvement of Weather, Climate and Hydrological Service Delivery

World Bank and The State Agency for Hydrometeorology

Estimated level of funding: \$14 M

PPCR request: \$ 7 M



Proposed SPCR Investment (3)

Climate Science and Modeling Programme

Asian Development Bank and The State Agency for Hydrometeorology

Estimated level of funding: \$3 M

PPCR request: \$ 3 M



Proposed SPCR Investment (4)

Enhancing the Climate Resilience of the Energy Sector

The European Bank of Reconstruction and Development, Barki Tojik and
Ministry of Energy and Industry

Estimated level of funding: \$ 75 M

PPCR request: \$ 10 M



Proposed SPCR Investment (5)

Agriculture and Sustainable Land Management

The World Bank, Ministry of Agriculture and others

Estimated level of funding: TBD

PPCR request: \$9.45 M



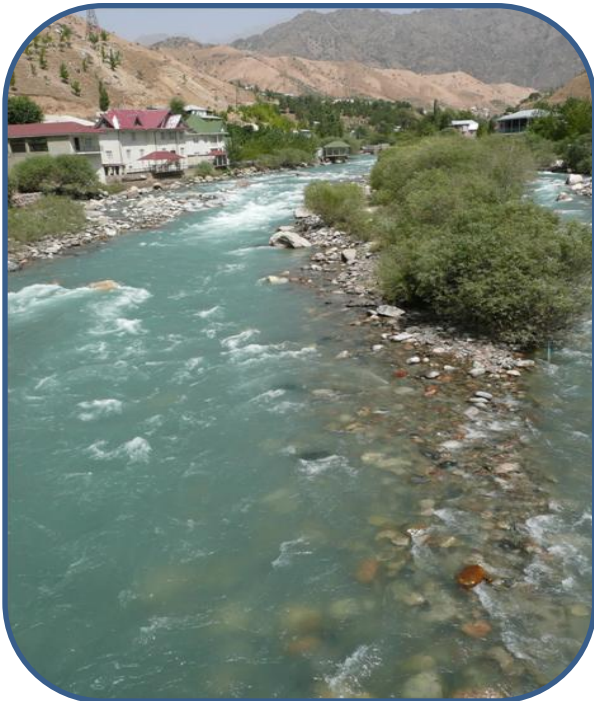
Proposed SPCR Investment (6)

Building Climate Resilience in the Pyanj River Basin

The Asian Development Bank and Ministry of Melioration and Water Resources

Estimated level of funding: \$ 15.3 M

PPCR request: \$ 15.3 M



Thank you for listening

jkurbonbekov@gmail.com

ilhomrajabov@mail.ru

