

Climate Risk Management

UNDP Thematic Area: Environment & Energy		
Budget: 2011 – USD 100,000 2012 – USD 180,000	Project Number: 00076247	Duration: 2011 – 2014
	Funded by: UNDP Bureau for Crises Prevention and Recovery (BCPR)	
	Partners: State Committee for Hydrometeorology under the Cabinet of Ministers of Turkmenistan	
	Implementing Agency: UNDP in Turkmenistan	



Empowered lives.
Resilient nations.

Background:

Turkmenistan is exposed to both short- and long-term climatic risks. These include sandstorms, mudflows, landslides, floods, drought, desertification and sea level rise. Many of these risks result from natural climatic variability. However, modeling indicates that such events are likely to become more severe and frequent due to man-made climate change. These risks have negative impacts across a range of economic sectors, particularly on the agriculture sector, and can impact the livelihoods of vulnerable populations in affected regions, and degrade natural resources and biodiversity.

Current climate risks and potential future changes in their severity and frequency are not clearly reflected in Turkmenistan's institutional and legislative frameworks. From a legislative perspective, climate change is not mentioned in any of the main legal frameworks for key sectors (agriculture, water, energy, nature protection, disaster risk). Little institutional focus is currently given to identifying and reducing vulnerability to these impacts. In Turkmenistan's UNFCCC Second National Communication, there is only limited information relating to the geographical distribution and severity of such risks. Institutional responsibilities for short term weather forecasting and long term climate modeling/impacts are split between two bodies – National Committee on Hydrometeorology under Cabinet of Ministers and Ministry of Nature Protection, with limited levels of cooperation.

The project will seek to strengthen the institutional, legal and technical capacity of key institutions with a primary focus on Turkmenhydromet. It will work through Turkmenhydromet to establish a better understanding of climate risk and information requirements among key institutions (the Ministry of Agriculture, the Ministry of Water Management, the General Department on Emergencies). A focus will be given to improving the provision of CRM information to vulnerable livestock and agricultural communities with pilot assessments undertaken in 3 typical climatic zones (Nohur, Yerbent, Mary). Potential financing structures for providing climate risk information will be reviewed. Long range climate modeling capacity will be developed, and linkages between Turkmenhydromet and the Ministry of Nature Protection/UNFCCC focal point strengthened. Support will be provided to improving national level communication of climate risks through the media. A national CRM network will be established, a national CRM profile developed, and best practice disseminated at both a national and local level.

Project objectives:

The project will increase resilience of agricultural and livestock communities through more effective CRM assessment and risk information provision and address above barriers by three components:

- I. Improved enabling environment for CRM at systemic, institutional and individual levels
- II. Demonstrating effective use of climate risk information at a local level
- III. Facilitating Knowledge Sharing and Networking for CRM

Project achievements:

- UNDP contributed to refining a proposal to the Adaptation Fund based on the comments from the Adaptation Fund Committee in a 3-round review;
- UNDP supported organization and holding the Third Inter-Ministerial Dialogue on Climate Change to present the concept of the National Strategy on Climate Change and discuss possible inputs to the Strategy with national stakeholders;
- with UNDP support the draft National Strategy on Climate Change, including the part on adaptation, was developed;
- national experts engaged in reviewing options and approaches to incorporating climate risk considerations into planning and relevant regulatory and legal frameworks and inter-institutional linkages.

Planned activities:

In 2012, UNDP will support:

- development of recommendations to revise key strategic documents and legislation related to CRM;
- development of climate and CRM information products for vulnerable rural communities;
- undertaking climate risk assessment exercise in pilot vulnerable rural communities;
- development of a National Initial Climate Risk Profile;

- development and implementation of the Action Plan to support Turkmenhydromet in climate modeling;
- designing and launching a web-site for Turkmenhydromet.

Project Contact Information	
Location and coverage:	Turkmenistan
Project Manager:	<p>Ms. Irina Atamuradova Address: UN Building 40, 1995 (Galkynysh) st., Ashgabat, 744004, Turkmenistan Tel: (+993 12) 42 52 50 Fax: (+993 12) 42 53 17, 42 53 88 E-mail: Irina.atamuradova@undpaffiliates.org</p>
UNDP Programme Officer:	<p>Mr. Rovshen Nurmuhamedov Address: UN Building 40, 1995 (Galkynysh) st., Ashgabat, 744004, Turkmenistan Tel: (+993 12) 42 52 50 Fax: (+993 12) 42 53 17, 42 53 88 E-mail: rovshen.nurmuhamedov@undp.org</p>