

PROJECT CLIMATE RISK ASSESSMENT AND MANAGEMENT REPORTING

I. Basic Project Information

Project Title: Water Resources Management in the Pyanj River Basin Project (Additional Financing)
Project Budget: \$12.8 million
Location: Tajikistan
Sector: Agriculture and Natural Resources
Theme: Hydrometeorology and water resources management
Brief Description The subject proposed project will support the development of the State Agency for Hydrometeorology (Hydromet) into a sustainable and well-resourced institution that produces timely and accurate forecasting of extreme weather events particularly in the PRB. The project will (i) help address key underlying institutional barriers and weaknesses of Hydromet that hamper its institutional capacity and development; and (ii) support improved capacity in the production and dissemination of forecasting services particularly for the PRB area. The project will (i) support legal transformation of Hydromet into a government entity with flexibility to set staff salaries and retain additional entrepreneurial revenue; (ii) modernize Hydromet's campus and associated facilities; (iii) undertake capacity building for improve forecasting and warning of extreme weather events; and (iv) support development and implementation of a marketing strategy for the sale weather-related information products.

II. Summary of Climate Risk Screening and Assessment

A. Sensitivity of project component(s) to climate/weather conditions and sea level	
Project component 1. Construction and modernization of Hydromet campus (low risk) 2. Installation of weather stations and river gauges (medium risk)	Sensitivity to climate/weather conditions and sea level 1. Extreme rain events 2. Flood events
B. Climate Risk Screening	
Risk topic 1. Extreme rain events 2. Flood events	Description of the risk 1. Higher than expected rain may cause localized flooding and mudslides. 2. Flood events may damage or destroy field monitoring equipment.
Climate Risk Classification Medium	
C. Climate risk assessment Detailed climate risk assessment was not undertaken during the project preparation. Key civil works (campus modernization) are located in urban area with low exposure to climate-related natural hazards including flood. Structural survey has been conducted to ensure the existing buildings meet national codes and seismic safety.	

III. Climate Risk Management Response within the Project

(Describe project activities, outputs, indicators and/or targets aimed to address identified climate risks and budgetary allocations, and other adaptive measures to be included/considered in the project design to address climate risks identified)

Sites for monitoring equipment will be selected during project implementation. The location and design equipment installation will include consideration for climate-related risks. These activities have been included in the project administration manual and terms of reference of the project implementation consultant.