



Pakistan: Flood Emergency Reconstruction and Resilience Project

Project Name	Flood Emergency Reconstruction and Resilience Project								
Project Number	49038-001								
Country / Economy	Pakistan								
Project Status	Closed								
Project Type / Modality of Assistance	Loan Technical Assistance								
Source of Funding / Amount	<table border="1"><tr><td colspan="2">Loan 3264-PAK: Flood Emergency Reconstruction and Resilience Project</td></tr><tr><td>Ordinary capital resources</td><td>US\$ 218.04 million</td></tr><tr><td colspan="2">TA 8912-PAK: Capacity Building of Institutions Handling Disasters</td></tr><tr><td>Technical Assistance Special Fund</td><td>US\$ 2.00 million</td></tr></table>	Loan 3264-PAK: Flood Emergency Reconstruction and Resilience Project		Ordinary capital resources	US\$ 218.04 million	TA 8912-PAK: Capacity Building of Institutions Handling Disasters		Technical Assistance Special Fund	US\$ 2.00 million
Loan 3264-PAK: Flood Emergency Reconstruction and Resilience Project									
Ordinary capital resources	US\$ 218.04 million								
TA 8912-PAK: Capacity Building of Institutions Handling Disasters									
Technical Assistance Special Fund	US\$ 2.00 million								
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth								
Drivers of Change	Gender Equity and Mainstreaming Knowledge solutions								
Sector / Subsector	Agriculture, natural resources and rural development / Rural flood protection Transport / Road transport (non-urban)								
Gender	Effective gender mainstreaming								
Description	The project will contribute to the economic and social recovery of flood-affected areas in Punjab Province and the northern districts of Haveli, Kotli and Poonch (also known as 'northern districts') through the rehabilitation and reconstruction of high-priority infrastructure damaged and weakened during the floods in September 2014. The project focuses on the transitional phase of the emergency response for the rehabilitation and reconstruction of priority roads, bridges, irrigation and flood protection infrastructure damaged by the floods. Providing financing for the most urgently needed works, the loan and grant will enable the Government to redirect its own financing to housing and livelihood cash grants for the most vulnerable groups, thus restoring the economic activity essential to their survival. The project will also support ex ante disaster risk management (DRM) capacity building to mainstream resilience in development planning. Reconstruction of damaged and at-risk infrastructure in the flood-affected areas will use appropriate and cost-effective multi-hazard resistant design and construction standards to mitigate the potential impact of future disasters. The Project's design is based on the findings of the damage assessment reports prepared by the respective Punjab Planning and Development Departments (P&D) in January 2015 and facilitated by the Asian Development Bank (ADB) and World Bank, in close coordination with the federal government and other donors.								
Project Rationale and Linkage to Country/Regional Strategy	A late and concentrated monsoon, coupled with high flows in Pakistan's eastern rivers resulted in flooding in the northern regions of Pakistan, Punjab and Sindh provinces in September 2014. The flood affected 44 districts across the country. It led to the displacement of more than 2.5 million people, with major displacement and damage in central Punjab, which resulted in 367 deaths, and injured over 600 people. Nearly 110,000 houses were partially damaged or destroyed, over 1.1 million acres of agricultural land and 250,000 farmers were affected. This resulted in the loss of standing food, fodder or cash crops. Non-farm sources of livelihoods and services were also affected, including many small enterprises, manufacturing and processing businesses and losses of wage employment due to disruption of the economy.								
Impact	Economic and social recovery from the 2014 floods by 2018 (National Disaster Management Plan 2012-2022)								
Project Outcome									
Description of Outcome	Restoration and reconstruction of critical public and social infrastructure to multihazard resilience standards								
Progress Toward Outcome	The work on three flood protection works (Left Marginal Bunds of Qadirabad and Marala, and Flood Protection Bund, Muzaffargarh) remained extremely slow and behind the schedule. The Loan Review Mission (June 2018) prepared fortnightly targets for all works and advised PIU PID and PMC to strengthen monitoring and contract supervision of the ongoing works, and report on the progress on a fortnightly basis. The progress since then improved significantly, and the overall progress of the civil works is now 85%. Extension of time has been granted on all ongoing contracts with revised completion dates between 31 August to 30 October 2018.								
Implementation Progress									
Description of Project Outputs	<ol style="list-style-type: none">1. Flood-damaged roads and bridges in Punjab Province and the districts of Haveli, Kotli, and Poonch reconstructed2. Flood-resilient irrigation and flood management infrastructure in Punjab Province implemented3. DRM strengthened								

Status of Implementation Progress (Outputs, Activities, and Issues)

The Project is progressing well and is expected to complete before the loan closing date except for one Bridge contract in Kotli district. The project progress - by Outputs/components, is as below:

Output 1. Flood-damaged roads and bridges in Punjab Province and the districts of Haveli, Kotli, and Poonch reconstructed
 All road contracts are awarded in Punjab and AJK. In Punjab out of 739 sub-projects, 723 retroactive contracting subprojects are complete. Work on the 2 out of 16 post effectivity awarded subprojects is ongoing which include the two major roads in Punjab. The work on major roads is expected to be completed by 30 October 2018. In AJK, all contracts for roads and one bridge are awarded and work is in progress. The bridge will not complete by the loan closing date, and the Government of AJK has agreed to finance the balance work after the loan closing date to execute using its own resources.

Output 2. Flood-resilient irrigation and flood management infrastructure in Punjab Province implemented
 All works under advance contracting and retroactive financing, completed and financially closed.
 Of 10 large contracts, two are already completed. The work on remaining eight subprojects is in progress with an overall progress of 85%. All works are expected to complete within the existing loan closing date.

Output 3. DRM strengthened
 a. Multi-hazard Vulnerability Risk Assessments (MHVRA)
 For phase I pilot districts MHVRA is in final stage of report preparation. For phase II and III district data collection is complete and data analysis is ongoing. MHVRA of 20 districts will complete by end-November 2018.
 b. Irrigation DRM
 The scope of this component is reduced by dropping the procurement of the dams safety equipment with an estimated cost of PKR 90.4 million, on EA's request, since this equipment is being funded by another ongoing Project funded by the World Bank. The reduced scope includes only development of SOPs, protocols and inspection manuals for dams safety. An individual consultant is working on these documents, and the draft documents are expected to be ready by end of September 2018.
 In addition an ADB TA Consultant also developed training courses and material on disaster risk management for mainstreaming of DRM as a subject in the Engineering Academy of Irrigation Department.
 c. Landslide Treatment through Bio-engineering
 Treatment Plans for landslide area of over 800 hectares have been approved. The work is ongoing and physical progress is 80%.
 d. Climate-Change Cell, P&DD AJK
 A Climate Change Cell was established under Output 3. The Cell has developed the State's National Climate Change (CC) Policy, which stands approved by AJK Cabinet. Currently, the Cell is working on the sector road maps and strategies and action plans for implementing the CC policy.
 e. Data Clearing House (DCH), P&D Punjab
 A dashboard has been developed by the in house team of developers. The Socio-economic data collected from the project districts by the PDMA, has been integrated with the P&D through DCH. The DCH will also be integrated with risk, exposure, vulnerability maps generated through MHVRA, as well as inventory of Irrigation Department, and the C&W Punjab and provide access to the authorized users of the line departments for development planning. In addition, a Project Performance Monitoring system has also been developed which is being fine-tuned. This system is being used to monitor progress of a number of Projects in addition to FERRP, on pilot basis.

Geographical Location Azad Kashmir, Punjab

Safeguard Categories

Environment	B
Involuntary Resettlement	B
Indigenous Peoples	C

Summary of Environmental and Social Aspects

Environmental Aspects	The Project involves rehabilitation and reconstruction works across road network and irrigation network in Punjab and the road network in AJK to address the damage caused by recent floods in Pakistan. The civil work will be focused around the existing road corridor and lengths of irrigation canals. Therefore, environmental impacts will be limited to minor disturbance caused by construction works. An environmental assessment and review framework (EARF) will be prepared for the loan and will set forth the environment assessment and review methodology to be followed during implementation. The environment category of the project based on information available is B.
Involuntary Resettlement	The Project involves rehabilitation and reconstruction (R&R) of the flood damaged roads, bridges Irrigation Schemes and flood protection works. Land acquisition is not envisaged for roads, bridges and irrigation schemes but flood protection work is expected to have some land acquisition and resettlement impacts. A land acquisition and resettlement framework (LARF) has been prepared in accordance with ADB's Safeguard Policy Statement (SPS 2009) and Pakistans Land Acquisition Act 1894 (LAA) to address/ compensate the LAR impacts based on the land acquisition and resettlement plans (LARPs) to be prepared for the sub-projects, The project is tentatively assigned category B for Involuntary Resettlement.
Indigenous Peoples	The project is located in Punjab and the northern districts of Haveli, Kotli and Poonch where no indigenous or tribal peoples, as SPS describes them to be, have been found living in or around the project areas. All displaced people (IPs) are Muslim and they do not recognize themselves as IPs. The ADB's policy on IPs is therefore not triggered. Therefore this project has been categorized as 'C' for IPs.

Stakeholder Communication, Participation, and Consultation

During Project Design	<ol style="list-style-type: none"> Participatory approaches and project activities. Preliminary discussions and consultations were held with the local communities and relevant departments to understand the potential impacts of the project. Focus group discussions were held with the representatives of the CSOs to hear their concerns and views about the project. Grievance mechanisms developed at various levels will ensure representation of the local communities and project affectees. Civil society organizations. Given the scope of the project, the CSOs' role will be limited. But CSOs will be engaged for information sharing and collection of data during activities like multi-hazard assessment and mapping exercises.
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During Project Implementation

Business Opportunities

Consulting Services	ADB's Guidelines on the Use of Consultants (April 2015, as amended from time to time).
Procurement	Given the urgent Project needs, procurement of goods, works, and services will be carried out in a manner consistent with the simplified and expedient procedures permitted under ADB's Disaster and Emergency Assistance Policy 2004 in addition to ADB's Procurement Guidelines (April 2015, as amended from time to time),

Responsible ADB Officer	Shafi, Mian S.
Responsible ADB Department	Central and West Asia Department
Responsible ADB Division	Pakistan Resident Mission (PRM)
Executing Agencies	Ministry of Kashmir Affairs and Northern Areas Planning & Dev. Dept., Govt. of the Punjab Planning & Development Department (P&D)

Timetable

Concept Clearance	12 Mar 2015
Fact Finding	08 Apr 2015 to 15 Apr 2015

MRM	08 May 2015
Approval	30 Jun 2015
Last Review Mission	-
Last PDS Update	25 Sep 2018

Loan 3264-PAK

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
30 Jun 2015	09 Jul 2015	24 Aug 2015	30 Dec 2018	30 Apr 2019	10 Feb 2021

Financing Plan		Loan Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	242.27	Cumulative Contract Awards			
ADB	218.04	17 Jun 2022	168.99	0.00	100%
Counterpart	24.23	Cumulative Disbursements			
Cofinancing	0.00	17 Jun 2022	168.99	0.00	100%

Status of Covenants						
Category	Sector	Safeguards	Social	Financial	Economic	Others
Rating	-	Satisfactory	Satisfactory	Partly satisfactory	-	Satisfactory

TA 8912-PAK

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
30 Jun 2015	04 Aug 2015	04 Aug 2015	30 Jun 2018	30 Jun 2020	25 Feb 2021

Financing Plan/TA Utilization						Cumulative Disbursements		
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
2,000,000.00	0.00	0.00	0.00	0.00	0.00	2,000,000.00	17 Jun 2022	1,741,391.08

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Project Page	https://www.adb.org/projects/49038-001/main
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