



## China, People's Republic of: Songhua River Flood Management (Sector) Project

Project Name	Songhua River Flood Management (Sector) Project	
Project Number	33437-013	
Country	China, People's Republic of	
Project Status	Closed	
Project Type / Modality of Assistance	Loan	
Source of Funding / Amount	<b>Loan 1919-PRC: Songhua River Flood Management (Sector) Project</b> Ordinary capital resources <span style="float: right;">US\$ 150.00 million</span>	
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Governance and capacity development	
Sector / Subsector	<b>Agriculture, natural resources and rural development</b> - Water-based natural resources management	
Gender Equity and Mainstreaming	No gender elements	
Description	<p>The overall goal of the Project is to improve peoples lives and to promote sustainable economic growth through improved river basin management and reduction of flood risk in the Songhua River Basin. The objective of the Project is to reduce flood damage in the Songhua River Basin through integrated river basin management and improved flood protection. The Project comprises (i) implementing a flood management system (incorporating flood forecasting and early warning systems) to facilitate coordinated flood emergency response; (ii) structural flood control works including upgrading dikes and building new ones, to enable the Songhua River to convey floods up to the design standard; and (iii) supporting project management and institutional capacity.</p>	
Project Rationale and Linkage to Country/Regional Strategy	<p>Floods have produced some of PRC's worst natural disasters, causing indescribable human misery over thousands of years of history. Many flood control dikes and other works date from ancient times. Despite significant construction in modern times many older works fail during major floods, and there has been inadequate maintenance of the system. The general standard of flood protection is only the equivalent of about a 20-year flood recurrence. The design standard for important cities is to protect against a 100-200 year flood and in rural areas is 35-50 years. Many dams and reservoirs for irrigation, water supply, and flood control require remedial work to ensure their continued functioning and safety. Increasing population and expansion into flood prone areas have significantly increased the risk of economic damage by flooding. The Government supports a shift in focus from flood control only to an approach which emphasizes flood management through integrated land and water resources management, optimal water management throughout river basins, flood protection measures, and complementary flood forecasting and warning systems. Improving institutional capacity to adopt an integrated approach is a vital concern of the Government.</p> <p>The Government 10th five year plan (TFYP) was announced in March 2001. The main strategic thrusts include: (i) maintaining high growth in next five years; (ii) increasing farmer's income; (iii) developing the Western Region; (iv) supporting private sector/service sector development and SOE reforms; (v) preparing WTO entry; (vi) establishing social security system; and (vii) pursuing political reform.</p> <p>In the aftermath of the 1998 and 1999 floods, the Government sought ADB assistance to address natural resource management issues. Soil and water conservation projects, with a strong poverty alleviation contribution, is an important area in the ADB's program. The Project was listed in ADB's Country Assistance Plan (2001-2003).</p>	
Impact		

### Project Outcome

Description of Outcome

Progress Toward Outcome

## Implementation Progress

Description of Project Outputs

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

Geographical Location

Songhua River basin in Northeast China

## Safeguard Categories

Environment

B

Involuntary Resettlement

Indigenous Peoples

## Summary of Environmental and Social Aspects

Environmental Aspects

Involuntary Resettlement

Indigenous Peoples

## Stakeholder Communication, Participation, and Consultation

During Project Design

During Project Implementation

## Business Opportunities

Consulting Services

Consultants will be selected and engaged through an international consulting firm in accordance with ADB's Guidelines on the Use of Consultants, and other arrangements acceptable to ADB on the selection and engagement of domestic consultants. The consultants required under the Project are 80 person-months (pm) of international consultants and 608 pm of domestic consultants, a total of 688 pm. Of these services, 484 pm (70 percent, comprising 51 pm international and 433 pm domestic consultants), will be for the flood management system. The consultants will provide assistance in the areas of a geographic information system for flood control, mathematical flood model, flood forecasting, research into standards for major cities and a decision support system and specifications and procurement of the flood management system equipment. The consultants under the other two components (32 pm of international and 175 pm of domestic consultants) will support the monitoring of environmental mitigation measures, resettlement planning, economic analysis, project/construction management, tender documents, contract evaluation and subproject commissioning, special assistance for Inner Mongolia in subproject identification and feasibility, and legal and regulatory aspects. The consultants will also offer on-the-job training, especially in the economic analysis of subprojects.

Procurement

The procurement of goods and services for ADB-financed contracts will be carried out in accordance with ADB's Guidelines for Procurement. Major contracts for equipment with a value of \$500,000 equivalent or more will be undertaken through ADB's international competitive bidding procedures. Smaller equipment packages, under \$500,000 equivalent each, will be procured following international shopping procedures. Direct purchase will be allowed for contracts valued at \$100,000 equivalent or less. Civil works contracts estimated to cost \$5 million or more will be carried out using ICB bidding procedures while those below \$5 million equivalent will be carried out using local competitive procedures in accordance with the Tendering and Bidding Law, and related regulations that are being drafted with ADB assistance and ADB requirements. The project will consist of a large number of civil works (mainly earth-related works) located in different parts of the project area. It is considered unlikely that international contractors will be interested in bidding for such civil works contracts.

## Responsible Staff

Responsible ADB Officer

Shen, Xin

Responsible ADB Department

East Asia Department

Responsible ADB Division

PRC Resident Mission

Executing Agencies

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 People's Republic of China

**Timetable**

Concept Clearance	16 Jul 1999
Fact Finding	14 Sep 2001 to 21 Sep 2001
MRM	19 Oct 2001
Approval	20 Sep 2002
Last Review Mission	-
PDS Creation Date	27 Nov 2006
Last PDS Update	06 Oct 2010

**Loan 1919-PRC**

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
20 Sep 2002	14 Feb 2003	29 May 2003	31 Dec 2007	31 Dec 2009	23 Nov 2010

Financing Plan		Loan Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	357.70	Cumulative Contract Awards			
ADB	150.00	20 Sep 2002	134.37	0.00	91%
Counterpart	207.70	Cumulative Disbursements			
Cofinancing	0.00	20 Sep 2002	148.04	0.00	100%

Project Page	<a href="https://www.adb.org/projects/33437-013/main">https://www.adb.org/projects/33437-013/main</a>
Request for Information	<a href="http://www.adb.org/forms/request-information-form?subject=33437-013">http://www.adb.org/forms/request-information-form?subject=33437-013</a>
Date Generated	26 February 2017

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