



# China, People's Republic of: Technical and Policy Research on Adaptation to Climate Change in Highway Infrastructure in the Yellow River Basin

Project Name	Technical and Policy Research on Adaptation to Climate Change in Highway Infrastructure in the Yellow River Basin	
Project Number	56057-001	
Country / Economy	China, People's Republic of	
Project Status	Approved	
Project Type / Modality of Assistance	Technical Assistance	
Source of Funding / Amount	TA 6981-PRC: Technical Policy Research on Adaptation to Climate Change in Highway Infrastructure in the Yellow River Basin	
	Technical Assistance Special Fund	US\$ 300,000.00
	Climate Change Fund	US\$ 150,000.00
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Gender Equity and Mainstreaming Governance and capacity development Knowledge solutions Partnerships	
Sector / Subsector	Transport / Transport policies and institutional development	
Gender Equity and Mainstreaming	Some gender elements	
Description	The proposed knowledge and support technical assistance (TA) will support climate resilience of highways in the People's Republic of China (PRC) by providing research, technical and policy solutions, and knowledge sharing activities.	
Project Rationale and Linkage to Country/Regional Strategy	The Yellow River Basin faces complex and increasing climate risk. Covering an area of 752,400 square kilometers, the basin spans nine provinces and is home to around 150 million people. The basin is a critical economic and ecological corridor with diverse ecology, natural resources, agricultural production, and manufacturing zones. The Yellow River Basin is a regionally important transport corridor which is severely affected by climate-related impacts. Damage and disruption to a single point to highway infrastructure in the corridor due to flooding, landslides, extreme cold and other hazards can lead to widespread economic losses and community impacts. Climate adaptation of highway infrastructure systems is critical to ensure sustainable economic development in the Yellow River Basin and PRC. There is a strong need to capture local data on projected climate scenarios, sector vulnerability, and impacts on highway systems in the Yellow River Basin and other key economic hubs to inform effective climate adaptation technical and strategy responses, and to build capacity of government and private sector stakeholders to ensure well-coordinated, high quality implementation of adaptation solutions.	
Impact	Delivery of resilient transport infrastructure systems enhanced	
<b>Project Outcome</b>		
Description of Outcome	Capacity to implement technical and strategic solutions for climate adaptation of highway infrastructure in PRC strengthened.	
<b>Progress Toward Outcome</b>		
<b>Implementation Progress</b>		
Description of Project Outputs	Technical solutions and recommendations for highway infrastructure climate adaptation in the Yellow River Basin identified Knowledge on climate adaptation for highway infrastructure enhanced.	
<b>Status of Implementation Progress (Outputs, Activities, and Issues)</b>		
Geographical Location	Nation-wide	
<b>Summary of Environmental and Social Aspects</b>		
Environmental Aspects		
Involuntary Resettlement		
Indigenous Peoples		
Stakeholder Communication, Participation, and Consultation		
During Project Design		
During Project Implementation		
<b>Business Opportunities</b>		

Consulting Services	A consulting firm and two individual consultants will be engaged during the implementation of the TA.
Procurement	No procurement is expected.

Responsible ADB Officer	Hewitt, Belinda
Responsible ADB Department	East Asia Department
Responsible ADB Division	EASI
Executing Agencies	Comprehensive Planning Department, Ministry of Transport

Timetable	
Concept Clearance	18 Jul 2022
Fact Finding	12 Aug 2022 to 12 Aug 2022
MRM	-
Approval	31 Oct 2022
Last Review Mission	-
Last PDS Update	31 Oct 2022

## TA 6981-PRC

Financing Plan/TA Utilization						Cumulative Disbursements		
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
450,000.00	0.00	0.00	0.00	0.00	0.00	450,000.00	-	0.00

Project Page	<a href="https://www.adb.org/projects/56057-001/main">https://www.adb.org/projects/56057-001/main</a>
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Date Generated	02 November 2022

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