

 Early Warning System

ADB-55049-001

Chishui River Basin Ecological Protection and Green Development
Project



Quick Facts

Countries	China
Specific Location	Gulin
Financial Institutions	Asian Development Bank (ADB)
Status	Approved
Bank Risk Rating	B
Voting Date	2025-12-10
Borrower	Government of China - Gulin County Government
Sectors	Agriculture and Forestry, Climate and Environment
Investment Type(s)	Loan
Investment Amount (USD)	\$ 150.00 million
Project Cost (USD)	\$ 310.37 million



Project Description

According to the Bank's website, the project will introduce innovative planning, design, and implementation methods for ecosystem based Integrated River Basin Management (IRBM) in CRB by providing direct benefits to inclusive development, environmental conservation, and ecological preservation, while targeting global and public goods, and inclusive growth. The project will have four outputs:

Output 1: Knowledge on Integrated River Basin Management generated and disseminated. This output will include: (i) pilot research and development activities in soil and water conservation including (a) trial soil and water conservation measures in pilot watersheds, (b) monitoring and evaluation of soil and water conservation, (c) research and development in conservation practice, and (d) publication of research articles; (ii) demonstrate and scale up valuation tools for natural capital accounting to inform policy making on eco-compensation and green finance; (iii) demonstrate innovative technologies to monitor water and environmental quality standards through remote sensing and spatial data; and (iv) improve knowledge sharing through (a) ADB-wide regional and thematic platforms, such as regional initiatives, the regional natural capital lab, and the ADBPRC Regional Knowledge Sharing Initiative, among others, (b) international conferences, and (c) publications derived from the lessons learned.

Output 2: Institutional capacity of local governments developed. This output will include: (i) institutional capacity building including (a) review of master plan and draft priority ecological preservation plans, (b) identify and engage stakeholder including the river basin authority, (c) river basin modelling and decision support system, and (d) development of eco-compensation fund and mechanism; (ii) asset management at provincial and local levels including (a) institutional set-up, (b) digital asset inventory, (c) monitoring and evaluation of river basin by using advance technologies such as remote sensing, and (d) decision support system for asset acquisition and disposal; (iii) institutional capacity development for flood risk mitigation including (a) expansion of hydro-meteorological stations, (b) localized early warning system, and (c) disaster response capacity; and (iv) community-based environment management in pilot areas including (a) awareness raising, (b) non-degradable waste management, (c) training programs on sustainable farming, and (d) eco-tourism facilities.

Output 3: Soil and water conservation practices improved. This output will implement (i) soil erosion mitigation measures including (a) farmland terracing, (b) construction of bio-shield around the edge of hill slope, and (c) construction of sediment traps and check dams; (ii) river training and flood protection including (a) river bank protection, (b) increase the conveyance capacity of river sections by sediment removal, (c) replacement of small concrete dams into small gated structures, (d) discontinuous flood dikes in critical sections, and (e) landscaping along the lower reach of the river; and (iii) rehabilitation of ecologically degraded areas including (a) reforestation on the hill slopes and gardening of river corridor, (b) restoration of mining areas, (c) restoration of wetlands, and (d) promotion of ecological agriculture.

Output 4: Public water services improved. This output will implement (i) rural wastewater management including (a) installation of modern toilets in poor households, (b) construction of sewer network with household connections, and (c) wastewater treatment facilities; (ii) solid waste management including (a) construction of collection centers and digitize associated facilities, (b) pilot solid waste recycling facility, and (c) farm waste management including composting facilities; and (iii) storm water management including (a) construction of storm water drainage, and (b) construction and rehabilitation of village ponds.



Early Warning System Project Analysis

Environment: B

Involuntary Resettlement: B

Indigenous Peoples: C



Investment Description

- Asian Development Bank (ADB)

The financing amount is \$150,000,000, which will be financed on a loan basis by ADB's ordinary capital resources.

Counterpart:

- Government: \$156,860,000

- Others: \$3,510,000

Total: \$310,370,000



Contact Information

No contacts available at the time of disclosure.

ACCESS TO INFORMATION

You can submit an information request for project information at: <https://www.adb.org/forms/request-information-form>

ADB has a two-stage appeals process for requesters who believe that ADB has denied their request for information in violation of its Access to Information Policy. You can learn more about filing an appeal at: <https://www.adb.org/site/disclosure/appeals>

ACCOUNTABILITY MECHANISM OF ADB

The Accountability Mechanism is an independent complaint mechanism and fact-finding body for people who believe they are likely to be, or have been, adversely affected by an Asian Development Bank-financed project. If you submit a complaint to the Accountability Mechanism, they may investigate to assess whether the Asian Development Bank is following its own policies and procedures for preventing harm to people or the environment. You can learn more about the Accountability Mechanism and how to file a complaint at: <http://www.adb.org/site/accountability-mechanism/main>.



Bank Documents

- Chishui River Basin Ecological Protection and Green Development Project: Draft Land Use Due Diligenc
- Chishui River Basin Ecological Protection and Green Development Project: Draft Resettlement Plan
- Chishui River Basin Ecological Protection and Green Development Project: Gender Assessment and Actio
- Chishui River Basin Ecological Protection and Green Development Project: Initial Environmental Exami
- Chishui River Basin Ecological Protection and Green Development Project: Procurement Plan
- Chishui River Basin Ecological Protection and Green Development Project: Procurement Plan
- Chishui River Basin Ecological Protection and Green Development Project: Project Administration Manu
- Chishui River Basin Ecological Protection and Green Development Project: Report and Recommendation o
- Loan Agreement (Ordinary Operations) for 4739-PRC: Chishui River Basin Ecological Protection and Gre
- Project Agreement for Loan 4739-PRC: Chishui River Basin Ecological Protection and Green Development

Media

- ADB Approves Loan to Pilot Nature Credit Mechanism and Strengthen Ecological Protection in the Chish