Early Warning System

ADB-48055-002

Jiangxi Xinyu Kongmu River Watershed Flood Control and Environmental Improvement

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Quick Facts

Countries	China
Specific Location	Xinyu
Financial Institutions	Asian Development Bank (ADB)
Status	Active
Bank Risk Rating	A
Voting Date	2016-12-06
Borrower	Government of People's Republic of China
Sectors	Water and Sanitation
Investment Type(s)	Loan
Investment Amount (USD)	$ 150.00 million
Project Cost (USD)	$ 300.39 million

Project Description

The project will demonstrate harmonization of development and flood and environmental management in the river basin that is a manageable size for project level intervention, using an integrated river basin model. One demonstration will be an introduction of innovative storm water management systems. Urban development increases storm water runoff by cutting trees and covering grounds with concrete or asphalt. Innovative storm water management systems reduce peak storm water runoff by promoting storm water infiltration into soil and increasing storm water retention. The demonstration and the river basin model can be replicated in other many similar-sized river basins, particularly where development is anticipated. Potential climate change impact assessment and sensitivity analysis of flood control structures' capacities will be conducted based on climate change modeling. The use of sensitivity analysis to examine potential climate change impacts and risks of flood control structures can be also replicated to other projects. The project will help XCG review Xinyu City Master Plan for 2008 6 2030 and revisit city's infrastructure planning, which will be another ADB's value addition.The project is consistent with (i) a decision of the Third Plenary Session of the 18th Central Committee of the Communist Party of China held in Beijing in November 2013, which supports construction of eco-civilization and establishment of a system to protect ecological environment; (ii) ADB's recommendations for preparation of the Thirteenth Five-Year Plan of the People's Republic of China (PRC), 2016 2020, and ADB's upcoming Country Partnership Strategy for the PRC, 2016 2020, which supports or seems to support improvement of water security; (iii) ADB's strategy 2020 and the midterm review of the strategy that prioritize natural resource management; , and (iv) ADB's Water Operational Plan, 2011 2020 which prioritizes integrated water resources management and efficiency and productivity in the delivery of water services.ADB has been supporting projects on flood, waterlogging, and environmental management in the PRC and other countries. Lessons learned from those projects, such as international best practices for flood and waterlogging management, and nonstructural measures for flood and environmental management will be reflected in the project design.

IMPACT
1) Life quality in Xinyu improved (Xinyu City Master Plan for 2008-2030)
2) Integrated and climate-resilient flood and environmental management in Kongmu River Watershed replicated to other river watersheds (Defined by project)

OUTCOME
Integrated and climate-resilient flood and environmental management in Kongmu River watershed demonstrated

CONSULTING SERVICES
All ADB-financed consultants will be hired following ADB's Guidelines on the Use of Consultants (2013, as amended from time to time).

PROCUREMENT
All ADB-financed procurement will be conducted following ADB's Procurement Guidelines (2015, as amended from time to time).

Investment Description

- Asian Development Bank (ADB)

Contact Information

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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

- Initial Poverty and Social Analysis [Original Source]
- Jiang Xi Xin Yu Kong Mu Jiang Liu Yu Hong Shui Fang Kong Ji Huan Jing Zhi Li Xiang Mu : Xiang Mu Sh [Original Source]
- Loan Agreement (Ordinary Operations) for Loan 3485-PRC
- Project Agreement for Loan 3485-PRC
- Project Disclosure PDF
- Report and Recommendation of the President

Other Related Projects

- ADB-48055-001 Jiangxi Xinyu Kongmu River Watershed Flood Control and Environmental Improvement