Early Warning System

ADB-59341-001

Enhancing Emergency Management for Typhoon and Flood Disasters through Digital Empowerment in Zhejiang Province

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Quick Facts

Countries	China
Specific Location	Zhejiang Province
Financial Institutions	Asian Development Bank (ADB)
Status	Approved
Bank Risk Rating	U
Voting Date	2025-12-03
Borrower	Government of China - Zhejiang Provincial Department of Emergency Management
Sectors	Climate and Environment, Infrastructure, Technical Cooperation
Investment Type(s)	Grant
Investment Amount (USD)	$ 0.37 million
Project Cost (USD)	$ 0.37 million

Project Description

According to the Bank’s website, the technical assistance (TA) aims to improve institutional emergency management capacity to address climate-related disasters caused by typhoons and floods in Zhejiang Province. This will be achieved through the effective integration of observatory data, short-term heavy rainfall forecasting, and gender-inclusive decision-making support systems, and the introduction of intelligent digital technologies following the digital principles of the Asian Development Bank on data governance, cybersecurity, and the ethical application of artificial intelligence. Real-time information and intelligent decision support systems are expected to reduce human factors in decision-making, support efficient resource allocation, and optimize emergency responses. The TA will also improve cross-agency coordination and enhance climate and disaster risk management and grassroots decision-making. The TA will explore ways to optimize digital transformation by adopting best practices such as interoperable data platforms, open standards for early warning systems, and connections to digital public infrastructure or shared cloud and/or data services that enable application beyond Zhejiang Province.

Early Warning System Project Analysis

According to the Technical Assistance Report, the Risk Categories are:

Environment: Not Applicable
Involuntary Resettlement: Not Applicable
Indigenous Peoples: Not Applicable

Investment Description

- Asian Development Bank (ADB)

The TA financing amount is $370,000, which will be financed by ADB’s Technical Assistance Special Fund (TASF-other sources).

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

- Technical Assistance Report