

 Early Warning System

WB-P506272

Karnataka Water Security and Resilience Program



## Quick Facts

<b>Countries</b>	India
<b>Specific Location</b>	Karnataka
<b>Financial Institutions</b>	World Bank (WB)
<b>Status</b>	Proposed
<b>Bank Risk Rating</b>	A
<b>Voting Date</b>	2025-08-01
<b>Borrower</b>	Government of India - Department of Economic Affairs, Ministry of Finance
<b>Sectors</b>	Water and Sanitation
<b>Investment Type(s)</b>	Loan
<b>Investment Amount (USD)</b>	\$ 426.00 million
<b>Project Cost (USD)</b>	\$ 606.00 million



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## Project Description

According to the Bank's website, the objective of this project is to improve services, and institutional and financial capacities to enhance resilience to water and climate stress in Karnataka.

With this Program, the World Bank can leverage international and national lessons on enhancing water security, climate resilience, and DRM and facilitate convergence between six active water-related operations in Karnataka. The current operations include the Second Dam Rehabilitation and Improvement Project (P170873), National Groundwater Management Improvement (P158119), Rejuvenating Watershed for Agriculture Resilience through Innovative Development (P172187), Karnataka Urban Water Supply Modernization Project Additional Financing (P176107), National Hydrology Project (P152698), and National Cyclone Risk Mitigation Project (P144726). This Program will leverage data and experience, from these projects to inform the design of the proposed interventions.



## Early Warning System Project Analysis

The environment and social risk screening revealed that the likely environment and social effects of the program are moderate to substantial. The main environmental risks are: (a) the substantial occupational safety and hazard risks for workers and communities due to numerous ( approximate 1,000) work fronts for construction of sewers, lining of SWDs within the densely populated in Bengaluru, and potential traffic disruptions; (b) the residual pollution of SWDs discharging into lakes downstream if broken manholes of underlying sewers are not readily repaired as planned; (c) management of solid wastes in the SWDs to be fully integrated into Bengaluru's overall solid waste management program; (d) minimization of tree-felling; and (e) management of usual construction-related pollution, dust, oil spills, noise, and so on. The social risk rating ranges from moderate to substantial. The key social risks are: (a) potential disruptions to and impacts on livelihoods of communities/vulnerable groups that have, at several locations, encroached upon the existing 'Right of Way' that will be used for upgradation of SWD network; (b) risks of disruption, safety and GBV/SEA-SH risks to communities, particularly in congested urban locations wherein nine STPs are proposed on government lands that have already been identified; (c) risk of disruption to citizens if works are not scheduled, planned and implemented with citizen convenience in mind; and (d) inadequate information dissemination and community awareness in disaster management situations.

The E&S contextual risk, including any risks to sustainability is moderate as BWSSB is already constructing 14 STPs in the expanded area of Bengaluru.<sup>9</sup> The planned investments under this Program will be undertaken on government land but in congested unplanned locations and could experience implementation challenges. The institutional capacity and complexity risks are moderate although these will be further assessed.



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**Investment Description**

- World Bank (WB)

World Bank Lending: 426.00 MLN



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## Contact Information

### World Bank

Kristoffer Welsien

Senior Water Supply and Sanitation Specialist

Anup Karanth

Senior Disaster Risk Management Specialist

### Borrower/Client/Recipient

Department of Economic Affairs, Ministry of Finance, Government of India

Manisha Sinha

Additional Secretary

manisha.sinha@nic.in

Simrandeep Singh

Director

simrandeep.iasjk@nic.in

### Implementing Agencies

Revenue Department

Rashmi Mahesh

Principal Secretary

secy.dm@gmail.com

Bangalore Water Supply and Sewerage Board

Rajiv K N

Chief Engineer Projects

rajiv1bwssb@yahoo.com

Bruhat Bengaluru Mahanagara Palike

B. S. Prahallad

Engineer in Chief

eictabbmp@gmail.com

### ACCESS TO INFORMATION

To submit an information request for project information, you will have to create an account to access the Access to Information request form. You can learn more about this process at: <https://www.worldbank.org/en/access-to-information/request-submission>

### ACCOUNTABILITY MECHANISM OF THE WORLD BANK

The World Bank Inspection Panel is the independent complaint mechanism and fact-finding body for people who believe they are likely to be, or have been, adversely affected by a World Bank-financed project. If you submit a complaint to the Inspection Panel, they may investigate to assess whether the World Bank is following its own policies and procedures for preventing harm to people or the environment. You can contact the Inspection Panel or submit a complaint by emailing [ipanel@worldbank.org](mailto:ipanel@worldbank.org). Information on how to file a complaint and a complaint request form are available at: <https://www.inspectionpanel.org/how-to-file-complaint>



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**Bank Documents**

- [Concept Program Information Document \(PID\) \(English\)](#)



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### **Other Related Projects**

- WB-P152698 National Hydrology Project
- WB-P144726 National Cyclone Risk Mitigation Project-II
- WB-P158119 Atal Bhujal Yojana (Abhy)-National Groundwater Management Improvement
- WB-P170873 Dam Rehabilitation and Improvement Project - 2
- WB-P172187 Rejuvenating Watersheds for Agricultural Resilience through Innovative Development
- WB-P176107 Additional Financing - Karnataka Urban Water Supply Modernization Project