

Modernization of the National Meteorological Service for Improved Climate Adaptation

Green Bond Criteria: Adaptation

To strengthen Mexico's meteorological service.

Expected Results include:

- Increased accuracy of severe weather warnings to 80%.
- Improved provision of timely and accurate weather and climate information to better manage water resources and disaster risks in the face of climate change and climate variability.

IBRD Loan Amount:

US\$105.26 million



© Laura E. Tlaiye/World Bank

Country Challenge

The impacts of global climate change in Mexico include an increase in average and extreme temperatures, a greater variability in rainfall extremes and thus changes in water flows. Given the population growth, extreme weather events can increase the threats to lives as well as to assets. Better capacity to monitor and forecast hydrometeorological events and climate variability is therefore essential to confronting the challenges of climate change.

Project Goals

The project supports improvements to the government's observational infrastructure, data management and processing, and climate modeling and forecasting tools. The project will help the government improve the quality and timeliness of weather forecasts and alerts.

For more information:

<http://www.worldbank.org/projects/P126487/modernizing-national-meteorological-service-address-variability-climate-change-water-sector-mexico-momet?lang=en>