

## Case Study

# The Inter-American Development Bank (IDB) Collaboration

### Countries

Panama and Costa Rica

## Summary of activity

The Inter-American Development Bank (IDB) and the WMO HydroHub initiated discussions in 2017 on how to address some of the challenges Latin American countries face with regard to major hydro-meteorological data gaps and threats such as floods and droughts.

These initial discussions broadened to include the expertise of other initiatives, namely the Associated Programme on Flood Management (APFM) and the Integrated Drought Management Programme (IDMP), to ensure that the full hydrological value chain is taken forward and integrated into activities.

The outcome was an IDB / WMO partnership to conduct country-wide needs and capabilities assessments of National Meteorological and Hydrological Services (NMHSs) and other relevant organizations in Latin America. Information will be collected and gaps identified in order to contribute to and shape the formulation of a roadmap for optimizing the production of hydrometeorological services.

The country assessments are conducted in three consecutive steps:

**Step 1:** Organizational Assessment to understand the legal and institutional framework of water resource management in the country.

**Step 2:** Technical Assessment building on step 1 and targeting the agencies in each country that deal with hydrological monitoring, forecasting and water resources management.

**Step 3:** Staff Competency Assessment is conducted if the agencies in step 2 aim to implement a full development and training strategy.

## Benefits

- Identification of current institutional and technical gaps and needs of NMHSs and other relevant organizations to allow for targeted interventions
- Formulation of roadmaps towards the optimization of hydrometeorological services delivery
- Capacity of in-country staff for better operated and maintained hydrometeorological networks in the country