

Water Management Planning in Mexico

MEXICO'S COMISIÓN NACIONAL DEL AGUA

PROJECT SUMMARY

Mexico's water resources planning efforts needed to be modernized and updated. Riverside Technology, inc. assisted Mexico to significantly upgrade their technical capabilities in a number of water management and planning activities.

LOCATION
Mexico

PERIOD
1997 – 2003

PROJECT DETAILS

The U.S. National Weather Service (NWS) has worked closely with Mexico's Comisión Nacional del Agua (CONAGUA) in overall water management planning for many years.

Since 1997, Riverside Technology, inc. (Riverside) has been working with both NWS and CONAGUA to coordinate and link their efforts, and also to support modernization of water resources management in Mexico.

Riverside helped to extend and implement the technical aspects of these water management planning activities, helping to build the technical relationship between NWS and CONAGUA.

Additionally, Riverside's work has included developing and implementing:

- River forecast systems
- Hydraulic models
- A data management system
- Extensive training for Mexican engineers

As part of its role in this project, Riverside:

- Managed extensive planning sessions with NWS.
- Held briefings with CONAGUA officials on behalf of the NWS.
- Gave numerous technical presentations at workshops.
- Provided valuable input and feedback on designs for hydrometeorologic station networks.

Riverside has also worked with the NWS and CONAGUA to help plan the decentralization of river forecasting and water management operations in Mexico. Furthermore, Riverside provided guidance in identifying the technical and human resource requirements for establishing regional river forecast centers, and developing plans for data exchange between central and regional forecast system offices.



Mexico River Basins

RELATED PROJECTS

Data Management Systems for Mexico

Forecast System Development for Mexico

Río Conchos Streamgauge Network

Hydraulic Model Development for the Río Panuco

Río Santiago/El Cajon Hydrologic Forecast System

Río Santiago/La Yesca Hydrologic Forecast System

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