

Nile River Basin Water Resources Planning and Management

THE WORLD BANK

PROJECT SUMMARY

The World Bank needed to design a project that would help the Nile riparian countries develop and manage the waters of the Nile River in a rational and equitable manner. Riverside Technology, inc. helped to develop and design the World Bank's Water Resources Planning and Management Project, particularly focusing on designing a practical and sustainable decision support system for the river basin management.

LOCATION
Nile River Basin

PERIOD
2002 – 2003

PROJECT DETAILS

The ten countries of the Nile have come together in the World Bank-sponsored Nile Basin Initiative (NBI) to achieve sustainable development through the equitable utilization of the common water resources of the Nile basin. A water resources planning and management project is a key component of the NBI.

The World Bank and the Nile countries wanted the project to focus on developing and managing the Nile basin water resources in an equitable, optimal, integrated, and sustainable manner by promoting integrated basin-wide water resources planning and management.

Riverside Technology, inc. (Riverside) assisted in the development of the World Bank's Water Resources Planning and Management Project (WRPMP), including designing a detailed decision support system (DSS) for the Nile basin. Riverside helped to develop and describe the institutional arrangements as well as the technical components for water resources policy, project planning and management, and the Nile DSS.

The Nile DSS supports informed regional decision-making by providing a common platform for communication, the exchange of information, and water resources analysis.

Riverside also was instrumental in developing the plan for the establishment and operation of the Nile Basin Initiative Resource Center, which provides a centralized location to support communication, information sharing, and collaboration among the Nile riparian countries.



The Nile River



Workshop

RELATED PROJECTS

Development of the Nile Basin Initiative Resource Center

Eastern Nile Planning Model

Nile River Forecast System

Flood Risk Mapping in Pilot Areas of Ethiopia and Sudan

Forecast System for the Vaal and Orange Rivers

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