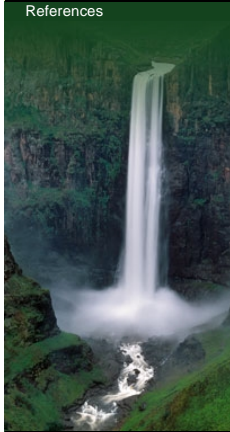


Orange-Senqu River Awareness Kit

[THE RIVER
BASIN](#)[PEOPLE AND
THE RIVER](#)[GOVERNANCE](#)[RESOURCE MANAGEMENT](#)

Resource Management

- Introduction
- Water Demand
- Water Infrastructure
- The Value of Water
- Resource Monitoring**
- Importance of Monitoring
- Water Quality Monitoring
- Monitoring Systems in the Basin Countries
- Aquatic Ecosystem Health Monitoring
- Information Systems
- Data for Decision Making
- Data and Monitoring Gaps
- References



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→ Resource Monitoring



Resource monitoring is an essential part of sustainably managing the natural resources of the Orange-Senqu River basin. This section looks at resource monitoring and how the data from monitoring programmes is collected, stored, distributed and used for better decision making. This section also examines where there are gaps in current monitoring programmes and how these can be closed.

Chapter Summary

This chapter is structured as follows:

- [The Importance of Monitoring](#)
- [Water Quality Monitoring](#)
- [Monitoring Systems in the Basin Countries](#)
- [Aquatic Ecosystem Health monitoring](#)
- [Information Systems](#)
- [Data for Decision Making](#)
- [Data and Monitoring Gaps](#)



Monitoring our resources so that they are used sustainably.

Source: Vogel 2007
(click to enlarge)

[Next: Importance of Monitoring](#)

Interactive

Basin Map



Explore the sub-basins of the Orange-Senqu River

[enter](#)

Water Management



Explore the water management systems around the basin - including intra-basin transfers and sectoral water requirements

[enter](#)

Dams



Investigate the dams and water infrastructure in the Orange-Senqu basin

[enter](#)

Video Tour



Tour video scenes along the Orange-Senqu River related to Meeting the Water Challenge

[enter](#)

Panel Discussion



Listen to a panel discussion about the history and challenges in the Orange-Senqu basin

[enter](#)