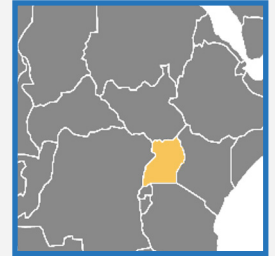


Uganda

Capital city: Kampala
Inhabitants: 42.7 Million



INSTITUTIONAL SETTING AND PURPOSE

The Directorate of Water Development and the Directorate of Water Resources Management (DWRM), both under the Ministry of Water and Environment (MWE), are responsible for implementing national legislation on the sustainable use of natural resources, including groundwater. Among others, DWRM is in charge of managing and monitoring groundwater resources.

CHARACTERISTICS OF THE NETWORK

In 2017, the national groundwater monitoring network consisted of 55 boreholes, from which 23 were operational and 23 were newly drilled and waiting for instrumentation. Some of the monitoring wells are located close to abstractions boreholes to monitor the effects of abstraction, but most of them are far to monitor natural groundwater level fluctuations.

PROCESSING AND DISSEMINATION

Groundwater monitoring started in 1998 and recordings of groundwater levels are available for 30 stations. The National Groundwater Database (NGWDB) managed by the DWRM contains key borehole information provided by drilling contractors, as they must return borehole completion forms quarterly to DWRM for each borehole drilled. Only boreholes deeper than 30 m are generally included in the database. The national moni-

toring database is Access-based but not user-friendly.

Groundwater maps and the report, results of the Mapping Groundwater Resources in Uganda Programme 2012, are publicly available. They present the location of shallow, deep boreholes and springs.



Figure 1 - A water well in Uganda, by: Dennis Wegewijs

Sources

- **GGMN workshop IGAD - 2012;**
- **Ministry of Water and Environment. Directorate of Water Resources Management. Kibaale District Groundwater Report, 2012. Mapping of Groundwater Resources in Uganda -** <https://www.mwe.go.ug/sites/default/files/library/Kibaale%20Ground%20Water%20Map%20Report.pdf>; and
- **Ministry of Water and Environment, Republic of Uganda. Kibaale Groundwater Maps -** <https://www.mwe.go.ug/library/kibaale-ground-water-maps-0>.