Mozambique

Capital city: Maputo Inhabitants: 29.5 Million



INSTITUTIONAL SETTING AND PURPOSE

The National Water Directorate (DNA) under the Ministry of Public Works and Housing and Water Resources (MOPHRH) is in charge of water resources planning and development in Mozambique.

Groundwater monitoring has been decentralised in Mozambique. The country used to be divided in five Regional Water Administrations (ARAs), but due to reforms in the water resources sector, there are now three ARAs. The capital city, Maputo, is located in the most southern ARA called ARA-Sul.

There is no national groundwater monitoring plan but apparently all the ARAs have monitoring networks. ARAs measure water levels (monthly) and groundwater quality (every six months).

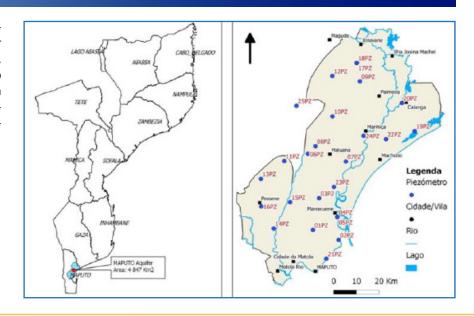
Different departments have different databases. The department of water affairs does not support the data handling. When they require data, it is requested from the ARAs. The ARAs do the borehole registration, including geophysical and geological information from the borehole logs, pumping test data, and the coordinates without the elevation.

Access to the data are restricted to the ARAs, but external access can be granted on written request. The main users of the groundwater data are the ARAs, the MOPHRH, universities and consultants.

CHARACTERISTICS OF THE NETWORK

The water agency ARA-Sul has an operational network that consists of 45 groundwater monitoring wells in and around Maputo, Figure 63. The network was established to monitor the Greater Maputo Aquifer. Data collection includes groundwater levels, electro-conductivity (EC) and chemical parameters.

Figure 1 - Provinces of Mozambique and location of the Maputo Aquifer (left), location of monitoring points part of the ARA-Sul



Sources

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