



Nigeria

Capital city: Abuja
Inhabitants: 195.9 Million

INSTITUTIONAL SETTING AND PURPOSE

The Federal Ministry of Water Resources formulates the National Water Resources policies and coordinates their implementation. The Ministry is in charge of groundwater resources exploration and development. It also supports studies and research on surface and groundwater resources potential.

Nigeria Hydrological Services Agency (NIHSA) is an agency of the Federal Ministry of Water Resources that has the mandate of assessing the national water resources in terms of quantity, quality, availability and distribution in space and time. NIHSA is responsible for groundwater monitoring in Nigeria.

CHARACTERISTICS OF THE NETWORK

The network managed by NIHSA has 43 monitoring points, among them 32 are equipped with data loggers that measure the groundwater levels daily or twice a day.

PROCESSING AND DISSEMINATION

The data are stored at NIHSA headquarters in Abuja.

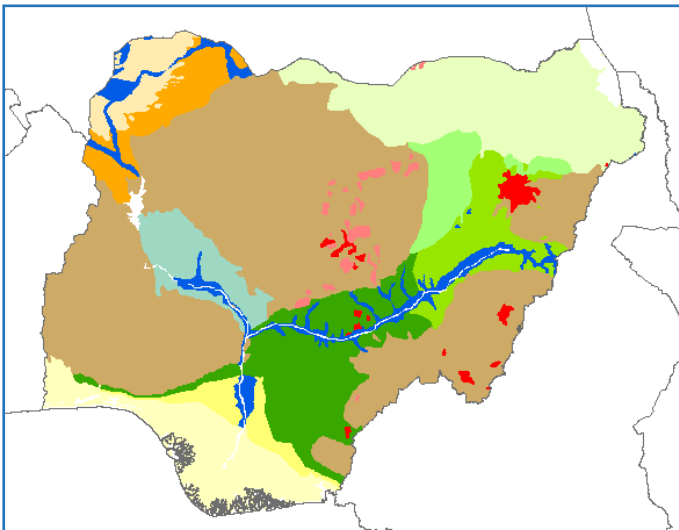


Figure 1 - Geology map Nigeria, source: [Earthwise.bgs.ac.uk](http://earthwise.bgs.ac.uk)

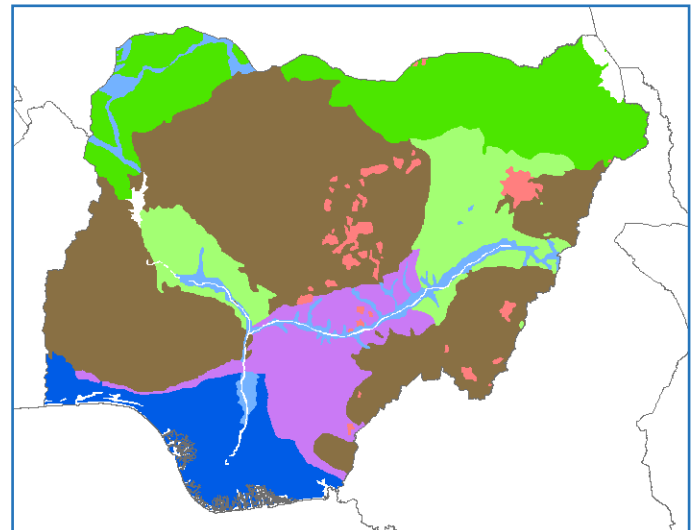


Figure 2 - Hydrogeology map Nigeria, source: [Earthwise.bgs.ac.uk](http://earthwise.bgs.ac.uk)

Sources

- **Observatory of Sahara and Sahel (2011):** Monitoring and Assessment of Transboundary Aquifers – Mali, Niger and Nigeria; Guyomard (2011) - Concerted management of transboundary groundwater;
- **Tijani, M., Crane, E., Upton, K., Ó Dochartaigh, B.É. and Bellwood-Howard, I. 2018.** Africa Groundwater Atlas: Hydrogeology of Nigeria. British Geological Survey. Accessed 09-07-2019 - http://earthwise.bgs.ac.uk/index.php/Hydrogeology_of_Nigeria; and
- **Ministry Water Resources** - <https://www.facts.ng/nigerian-ministries/ministry-water-resources>.