



INSTITUTIONAL SETTING AND PURPOSE

The Ministry of Water Resources (MRE) is responsible for creating the institutional conditions to improve the management of public water services. Institutional consultation with the sectors is ensured by an advisory body called National Water Council (CNL).

The National Agency for Hydraulic Resources (ANRH) is the national agency in charge of decision-making for groundwater resources in Algeria and conducting scientific and technical ac-

tivities. ANRH with the Agency of Hydrographic Basins (ABH) are in charge of quantity and quality groundwater monitoring, including the collection, processing and updating of data and information on groundwater resources.

ANRH ensures the update of the water points inventory, the piezometric monitoring of groundwater, prospection, and mathematical model to facilitate the management of the resource.

CHARACTERISTICS OF THE NETWORK

The monitoring network maintained by ANRH is comprised of 500 observation points. Monitoring campaigns are done twice a year, at low and high water-level points.

North Western Sahara Aquifer System (NWSAS) consultation mechanism established 11,166 water points of the monitoring system in Algeria, Tunisia and Libya by 2008 where the data on piezometric heads, water abstraction, drawdown, water quality was collected to manage shared groundwater resources.

PROCESSING AND DISSEMINATION

In this area, ANRH regularly publishes yearly reports of geophysical studies, directories of hydrogeological studies, inventories of water points, and inventory of piezometers. The collected information supports specific hydrogeological studies and the development of thematic maps such as: hydrogeological maps, piezometric maps, vulnerability maps of groundwater resources, aquifer systems maps, etc.

Data from the NWSAS consultation mechanism is included in the Algeria Water Sector M&E Rapid Assessment Report.

Sources

- **Agence Nationale des Ressources Hydrauliques (ANRH)** - <http://www.anrh.dz>;
- **CE Dare, 2014. Algeria Water Sector M&E Rapid Assessment Report. Monitoring & Evaluation for Water in North Africa (MEWINA) Project, Water Resources Management Program, CEDARE** - <http://web.cedare.org/wp-content/uploads/2005/05/Algeria-Water-Sector-Monitoring-and-Evaluation-Rapid-Assessment-Report.pdf>;
- **Chabour, N, Mebrouk, N, Hassani, I H, Upton, K, Ó Dochartaigh, B É and Bellwood-Howard, I. 2018. Africa Groundwater Atlas: Hydrogeology of Algeria. British Geological Survey. Accessed 02-07-2019** - http://earthwise.bgs.ac.uk/index.php/Hydrogeology_of_Algeria; and
- **Guyomard, 2011. Concerted management of transboundary groundwater (In French)** - https://www.oieau.fr/eaudoc/system/files/Guyomard_synthese_finale-1_0.pdf.