

# Luxembourg

Capital city: Luxembourg City

Inhabitants: 0.6 Million



## INSTITUTIONAL SETTING AND PURPOSE

The Administration of Water Management, under the Ministry of Environment, Climate and Sustainable Development, is in charge of groundwater monitoring in Luxembourg in accordance with the European Water Framework Directive. One of

the missions of the Administration is to monitor and control the application of legal and regulatory requirements for water management including surface and groundwater.

## CHARACTERISTICS OF THE NETWORK

Currently, there are seven operational monitoring stations in the network which register groundwater level and temperature.

## PROCESSING AND DISSEMINATION

Geoportal.lu is Luxembourg official national geoportal. It is a platform for collection, description, visualisation and dissemination of geospatial data and related products, Figure 79. The Administration of Cadastre and Topography (the national cadastre and mapping authority) developed the portal.



Figure 1 - Geoportal with quantitative groundwater monitoring points

Reports (that include location details, constructive details, geo-

logical maps, photos and quality analysis for several parameters) are provided for each monitoring station, Figure 2.

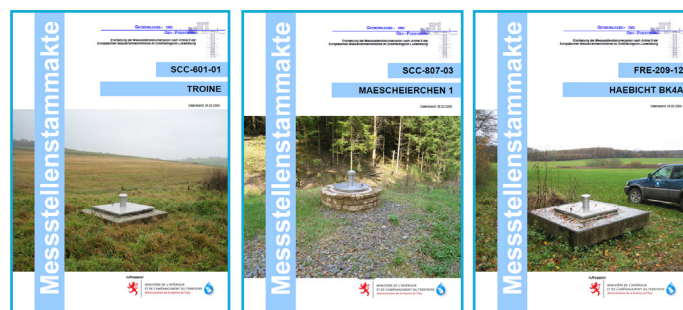


Figure 2 - Documentation for measuring points on the Geoportal

Some data on groundwater abstraction are available as well. The Administration of Water Management publishes bulletins on the quantitative situation of groundwater in the country.

## Sources

- National official geoportal - <https://www.geoportail.lu/en>;
- General maps of the National official geoportal - <https://map.geoportail.lu>;
- Quantitative situation of groundwater - [https://eau.public.lu/eau\\_souterraines/Situation-quantitative-des-eaux-souterraines/index.html](https://eau.public.lu/eau_souterraines/Situation-quantitative-des-eaux-souterraines/index.html); and
- Quantitative data groundwater - <https://data.public.lu/en/datasets/quantitative-data-groundwater>.