Groundwater gauge - Grundwasserpegel



Fig. 1: Sensor and LoRa-Sender installed in a pipe without cover

Description

LINEG is currently creating a new experimental area in the south of Kamp-Lintfort. This area will initially focus on the development of favorable methods for measuring water levels in rivers and groundwater.

A prototype was developed based on the RAKwireless 4630 board. The advantage of this board is the easy integration of modules with a plug-in system. The 4-20mA module from Rak is much more compact than the module we used in the first prototype.

Here a link to the dashboard which displays the currently gathered data at the test site: Dashboard

Cross-reference

- Konzept Grundwassermessung (More Details about this project)
- Zechenfunk - Freies LoRaWAN auf dem Zechenturm in Kamp-Lintfort (Our public LoRaWAN infrastructure)

Tags

LoRaWAN, Waterlevel, Pegel, Druck, Microcontroller, Lineg

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