

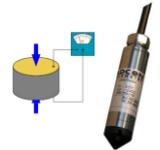
Project's Identity :

Level measuring telemetric network, at Kifissos river at five different points, inside the urban network of Attica.

The network continuously measures the level (every 15 minutes) with use of mixed **ultrasonic** and **piezoelectric** sensors.

The measurements are continuously recorded on an SD-card inside the recorder and transmitted via **GSM / GPRS / 4G**.

Each station has the ability to send alarm messages to multiple SMS receivers (**SMS Alarming**). The alarm limits are programmable by the operators.



BRIEFLY

ITEM : Telemetric network for the Level measurement at multiple points at Kifissos river

Where : Attica – Greece

When : September 2017

Administrator :

Institute
National Technical University of Athens

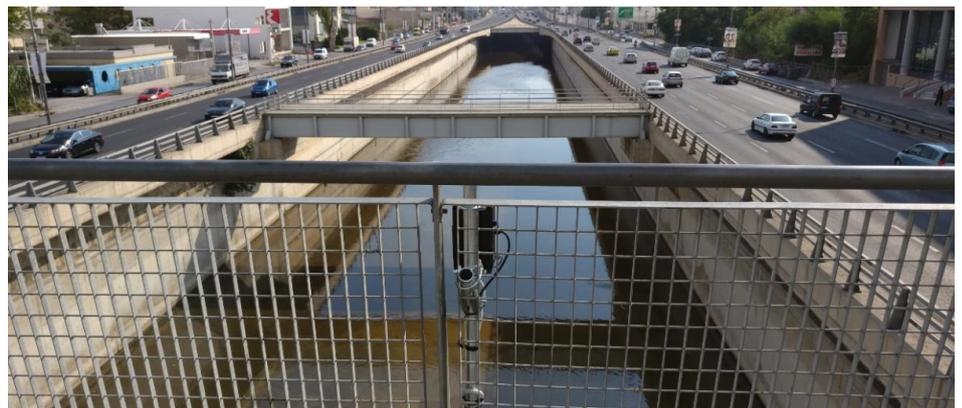
School
Eng. Mining Metallurgists

Sector
Engineering Geology and Hydrogeology

Specially designed for urban network

Each station is designed so that its dimensions are extremely small, both for aesthetic reasons and for reasons of avoiding vandalism and theft. **Their full function is supported by a single D-size battery**, which is sufficient for continuous operation for 1 – 2 years.

All parts of the station are **IP 67** and **IP 68** to ensure their long stay in the field.



IMPORTANT !

Zero maintenance demand

IMPORTANT !

Operation by one battery for at least one (1) year

Data download

The measurements are downloaded a. with direct connection via USB, b. via SD-card and c. via Internet – GPRS.

Contact Info

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