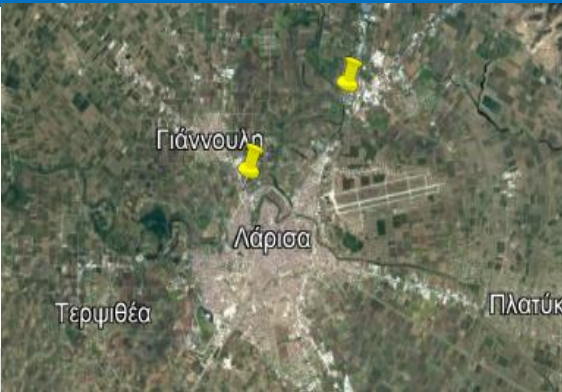


## WATER LEVEL AND DISCHARGE MEASURING STATIONS ON PINIOS RIVER



### Project's identity:

Supply, installation and configuration of two (2) Systems for measuring level, water speed and flow calculation. The implementation of the project was carried out by the company APOSTOLAKIS ENGINEERING on behalf of TOEB Pinios.

Both systems are based on the world-renowned **RQ30** system of the Austrian company **SOMMER**.

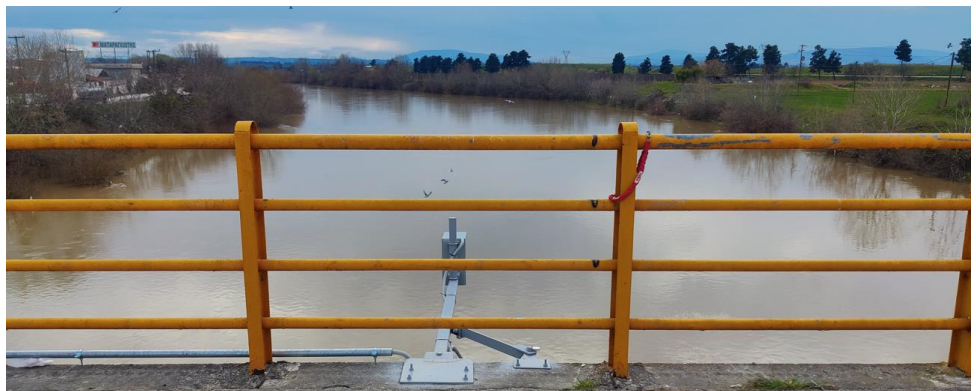
The instruments are fully operational and provide measurements every three minutes through the existing SCADA infrastructure.

### Brief Description

**Project** : Water level and water Velocity measurement network

**Area** : Larisa

**Date** : March 2022



### Implementation

APOSTOLAKIS ENGINEERING

### Project's Administrators

TOEB LARISA

### Important !

RADAR technology for water level and water velocity

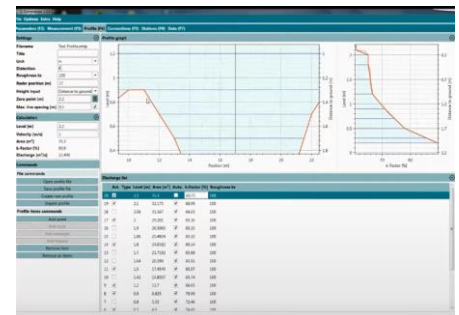
### Important !

Contactless radar system

### Important !

Extremely low demand for maintenance

- Does not require maintenance
- It does not require any construction in the water flow
- The flow is calculated internally on the instrument via a built-in hydraulic model
- Level measurement range 0-15m, with accuracy  $\pm 2$ mm
- Velocity measurement range Range 0.3 - 15 m / sec, with accuracy  $\pm .01$  m / s
- SCADA connection via modbus / RTU and 4-20mA outputs



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