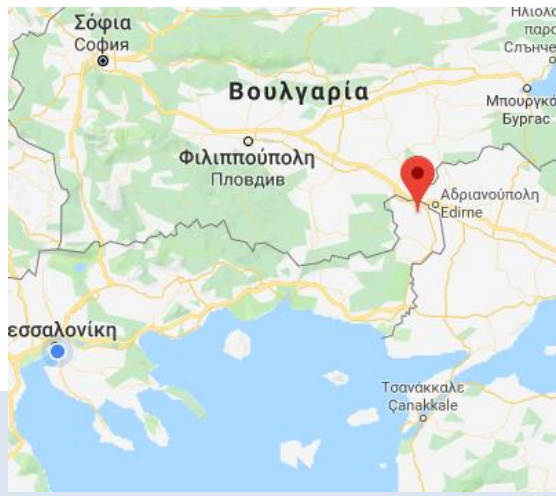


Case Study

WATER LEVEL MEASURING TO IRRIGATION CHANNELS OF THE GENERAL IRRIGATION WATER UTILITY OF ORESTIADA



Project ID:

Two **telemetric water level measuring systems** to major importance **irrigation channels**, in the responsibility area of the **General Irrigation Water Utility in Orestiada**.

The systems are based on **Radar technology**, providing extremely high measurements accuracy, in any environment and water conditions.

The systems transmit the data via mobile telephony per 10 minutes. The data are accessible via **Internet** from any place in the world.

Automatic alarming in case of measurements which are out of the user defined limits.



IN BRIEF:

System : Complete Telemetric Water Level Measuring System

Location : Orestiada plain

Month - Year: September 2018

ADMINISTRATOR:

General Irrigation Water Utility of Orestiada

Important !

No maintenance requirement

Important !

No calibration requirement

Important !

Option for telemetric transmission of the data and access via Internet

- Water level measuring in m.
- Setting of high and low alarm limit
- Access to data via Internet
- Data logging per 10min.
- Creation of statistics
- Creation of graphs

The stations are self-powered and they are operating by **Solar Panels**.
In the future they can connect **Water Velocity sensors**, in order to calculate the **Water Discharge** directly.



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