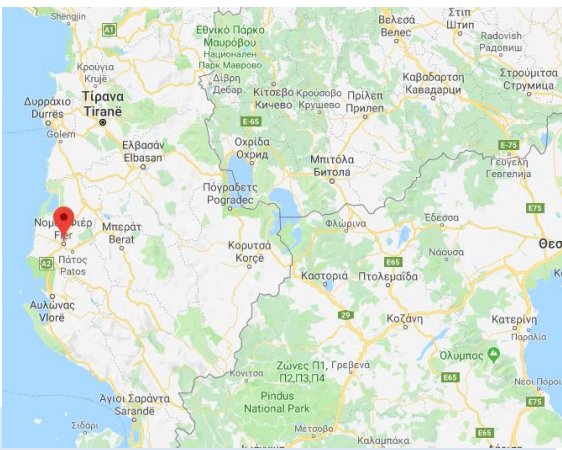


Case Study

HIGH-TECH METEOROLOGICAL STATION FIER – ALBANIA



Project ID:

Compact **Agrometeorological** station, with complete set of measured parameters. The station size is **extremely small**. There is absolutely **no moving part**, even for the rain gauge. Equipped with new generation sensors, with no need of periodic calibrations. Transmitting of the measurements **every 15 minutes in web platform**.

IN BRIEF

- System** : Telemetric Meteorological Station
- Area** : Flier prefecture, Southwestern Albania
- Installation** : October 2018

ADMINISTRATOR

OVIS Ltd – Sh.p.k

Important !

Compact station with no moving parts

Important !

No need for calibrations of the sensors

Important !

Transmitting of the data via mobile phone telemetry



- ❖ *Solar radiation*
- ❖ *Rain*
- ❖ *Vapor pressure*
- ❖ *Relative Humidity*
- ❖ *Air Temperature*
- ❖ *Barometric pressure*
- ❖ *Wind speed*
- ❖ *Wind gust*
- ❖ *Wind direction*
- ❖ *Tilt of installation mast*
- ❖ *Lightning strike counter and distance*



Automatic calculations

The station is supported by a powerful **web software**, which automatically performs statistical processing of the measurements, in **daily, weekly, monthly and annual basis**. Simultaneously and completely automatically, exports data in csv and xml files, to supply other software. It calculates automatically the **risk of plant diseases** and their progress. At the same time, it advises and monitors the **spraying procedure**.

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