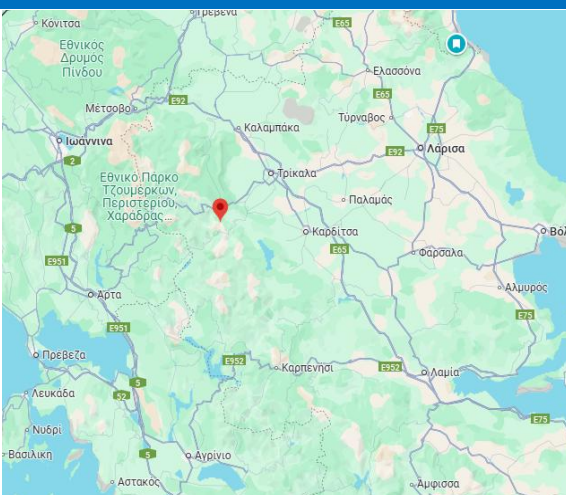




Project Profile:

The objective of the project was the supply and installation of a new telemetric station in collaboration with the National and Kapodistrian University of Athens (NKUA), in the Agrafa region, near the village of Vatsounia. The station is equipped with a state-of-the-art **weighting system for measuring all types of precipitation**, combined with a traditional tipping bucket rain gauge sensor. The station is powered by a photovoltaic generator and transmits data every hour via mobile telephony network to the cloud.



Overview

Type: Telemetric Rainfall Monitoring Station

Location: Agrafa

Date: April 2025

Note

Measures all types of precipitation

Energy autonomous by photovoltaic (PV) generators

Requires minimum maintenance

Web accessible

Measured Parameters:

- Rainfall amount in mm
- Cumulative rainfall since device activation
- Precipitation intensity in mm/h
- Cumulative precipitation
- Weight of the weighting system
- Battery capacity
- Mobile connectivity diagnostics
- Temperature



Contact info Thessaloniki :

16 Kanari str., 54644, Thessaloniki,
Macedonia, Hellas
Tel : +30 2310 946 126
Fax : +30 2310 947 005
Email : scientact@scientact.com.gr

Contact info Athens :

507 Mesogion Ave., 15343,
Ag. Paraskevi, Attiki, Hellas
Tel : +30 210 67 28 585
Email : scientact@scientact.com.gr
Website : www.scientact.com.gr