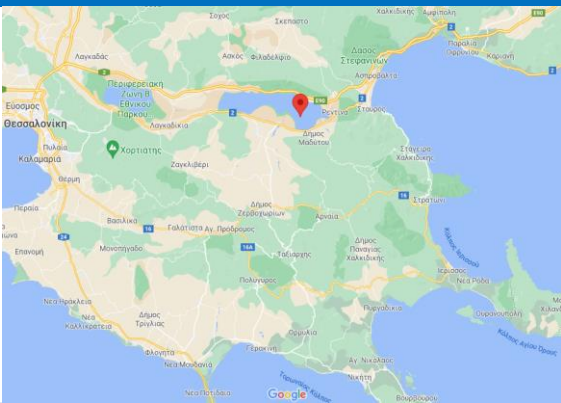


## FLOATING MONITORING STATION (BUOY) MANAGEMENT BODY OF KORONIA – VOLVI LAKE



### Project ID:

Installation of floating telemetry station for **water quality monitoring to Volvi lake.**

The station has been installed within the project: **“Supply of equipment for the restoration of ecosystems degraded by human activity and the improvement of the conservation of protected habitats and species”.**

The station measures and transmits by telemetry **12 water quality parameters**, plus depth.

### IN BRIEF:

**System** : Floating Telemetry Station

**Area** : Volvi lake

**Period** : May 2021



### ADMINISTRATOR

**MANAGEMENT BODY OF KORONIA  
– VOLVI LAKE**

### Important !

One of the most complete stations for monitoring of water quality parameters

### Important !

Combination of systems from the top worldwide manufacturers

### Important !

Extremely low maintenance requirement

- The data transmission is made via mobile telephony every 60 minutes.
- The buoy is equipped with all the required marking systems (radar reflector, lamp, etc.).
- The measurements are logged in a data base and simultaneously supply automatically a web page.
- The system is extendable and it is able to accept extra sensors.
- Includes central cleaning system of the sensors.
- High tech, visitable buoy
- Triple power supply system with solar panels for maximize the operating stability










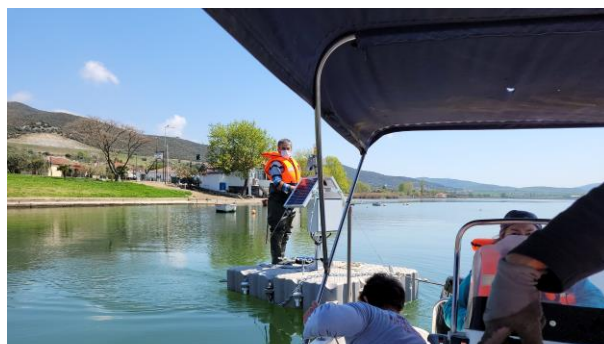
## FLOATING MONITORING STATION (BUOY) MANAGEMENT BODY OF KORONIA – VOLVI LAKE

### MEASURING PARAMETERS

- Water temperature (°C)
- pH
- EC (μS/cm)
- TDS (mg/l)
- TSS (mg/l)
- Dissolved Oxygen (mg/l)
- ORP (mV)
- Turbidity (NTU)
- Chlorophyll A' (μg/l)
- Algae (μg/l)
- NO<sub>3</sub>-N (mg/l)

### OPERATION PARAMETERS

-  **Data Logger battery**
-  **Probe battery**
-  **Spectrophotometer battery**
-  **Mobile telephony signal**
-  **Data transmission delay**
-  **Data logger internal temperature**
-  **Data logger relative humidity**



#### Contact info Thessaloniki:

16 Kanari str, 54644  
Thessaloniki - Hellas  
Tel. +30 2310 946.126  
Fax: +30 2310 947.005  
scientact@scientact.com.gr  
www.scientact.com.gr

#### Contact info Athens:

14 Etolias str, 15231  
Halandri , Athens - Hellas  
Tel. +30 210 67.28.585  
scientact@scientact.com.gr  
www.scientact.com.gr