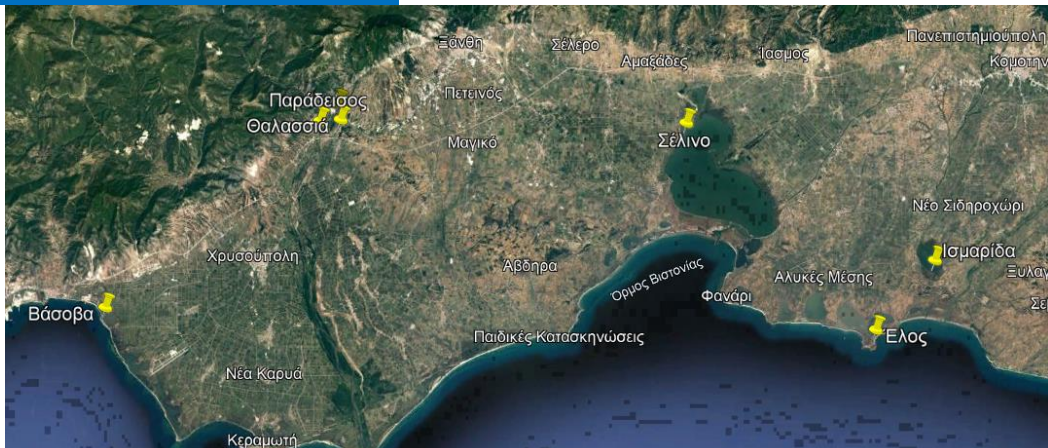
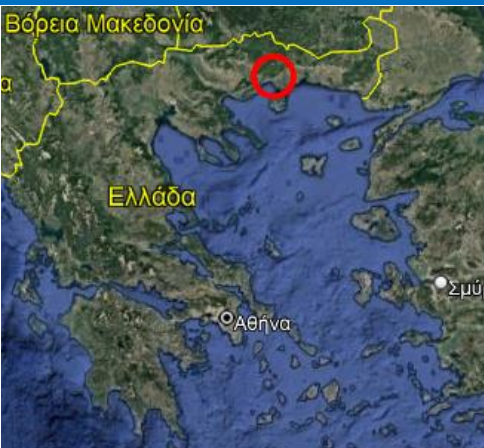


## N.E.C.C.A

MANAGEMENT UNIT OF NESTOS DELTA – VISTONIDA - ISMARIDA AND THASOS - PORTO LAGOS



### BRIEF DESCRIPTION

**Project** : Telemetric Hydrological Network

**Area** : Eastern Macedonia

**Date** : April – May 2023

### Project's Identity:

Supply and installation of new **telemetric water monitoring stations** in the context of the Project "**Priority habitat conservation actions of EPAMATH. Abiotic Parameters**"

The object of the project was the supply of equipment for the preservation and/or immediate reaction to phenomena of degradation of protected habitats and species, according to the Operational Program "Transport Infrastructures, Environment & Sustainable Development 2014-2020" entitled "**SUBSIDY OF NESTOS DELTA-VISTONIDA-ISMARIDA AND THASOS MANAGEMENT UNIT FOR PROTECTED AREAS, SPECIES AND HABITAT MANAGEMENT ACTIONS**".

### PROJECT'S ADMINISTRATOR

#### N.E.C.C.A

Management Unit of Nests Delta-Bistonidas-Ismaridas and Thasos-Porto Lagos

#### Important !

The most advanced water quality measurement network and calculation of the supply of the Nestos river

#### Important !

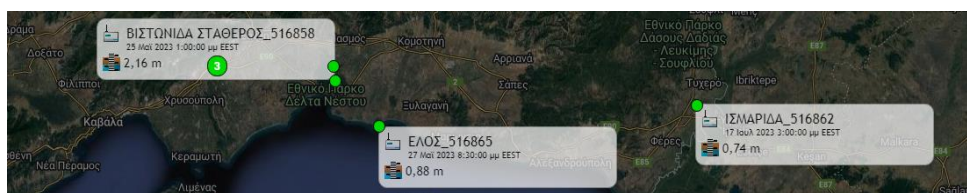
Automatic processing of measurements in the cloud

#### Important !

Extremely low maintenance requirement – low operating costs



Network composition		
A/A	System type	Quantity
1	Quality parameters measurement station	5
2	Quantitative parameters measurement station	3
3	Software, data processing and monitoring and decision making – Cloud	1



Measuring Parameters	Stations							
	Vasova	Vistonida buoy	Vistonida Stable	Elos	Ismarida	Paradisos	Toxotes	Thalassia
Water temperature	✓	✓	✓	✓	✓			
pH	✓	✓	✓	✓	✓			
ORP	✓	✓	✓	✓	✓			
Conductivity	✓	✓	✓	✓	✓			
Salinity	✓	✓	✓	✓	✓			
TDS	✓	✓	✓	✓	✓			
TSS	✓	✓	✓	✓	✓			
DO	✓	✓	✓	✓	✓			
Turbidity	✓	✓	✓	✓	✓			
Water Velocity						✓	✓	✓
Water Level	✓	✓	✓	✓	✓	✓	✓	✓
Discharge						✓	✓	✓

