



Research

A multi-filter rotating shadowband radiometer was installed at **Methoni station** as part of the EPL-AEOLIOS project (EtnaPlumeLab – understanding the Atmospheric dispersion and climatic impacts of Etean emissions by establishing a new dedicated Observatory for Long-term monitoring of Spectral aerosol optical properties and satellite validation) with PI, Pasquale Sellitto from Laboratoire Interuniversitaire des Systèmes Atmosphériques, Université Paris-Est Créteil.

In the framework of **SALAM-MED** project (Sustainable Approaches to Land and water Management in Mediterranean Drylands), our colleagues from the Institute for Sustainable Plant Protection (National Research Council of Italy) visited NEO for the second fieldwork campaign focusing at the irrigation experiment.



Education

Bachelor students from the **Department of Geology, University of Patras** had a 3 days visit at NEO facilities and participated in field excursions to coastal areas of Southwest Messinia. Their main interest was focused on sedimentology and coastal geomorphology of areas such as Voidokoilia Bay and the the Paleocastro hill.

During the period June 20 to July 8, the research team and associates from the **Pylos Geoarchaeological Program (GEAPP)**, used NEO facilities as a base to study the excavated and recovered material from their sampling campaigns, and also to process environmental data.

The sixth **HAAR international summer school** entitled: “Theory and practice of aerosol chemistry and engineering for climate, air quality, emissions and health effects, by means of In-Situ and Remote Sensing Observations”, was held at NEO during June. The objective of the summer school was to provide training to young researchers on cutting-edge instruments and tools, as well as on analyzing and interpreting data in the context of climate change.

Internships

In July, four students—Giannis Karagiannidis, Zahra Wilkinson, Martin Nyblin, and Elin Johansson—undertook a summer internship at NEO. Their work included vital tasks like water quality monitoring in Gialova Lagoon, analyzing water samples in the lab, studying the impact of tourism on local habitats and conducting soil sampling in olive orchards.

They also worked on developing the project of analyzing microplastics in sand and designed and tested other new independent research projects.

