



## Outreach activities on meteorology and climate developed by the meteo.gr team at the National Observatory of Athens.

Vassiliki Kotroni, Antonis Bezes, Elissavet Galanaki, Athanasios Karagiannidis, Ioannis Koletsis, Kostas Lagouvardos, Aikaterini Vlachou, and Stratis Vougioukas

National Observatory of Athens, Institute of Environmental Research and Sustainable Development, Athens, Greece  
(kotroni@meteo.noa.gr)

The last two years a number of outreach activities on meteorology, climate and climate change have been developed by the National Observatory of Athens (Greece) from the group of meteo.gr. These activities have been presented mainly to High and Junior High School pupils and to the general public. A list of these activities is given below:

(a) an exhibition about meteorology and climate change inside two ferries sailing from Piraeus to Crete Island. Indeed NOA/meteo.gr with the support of ANEK Lines shipping company created an on board meteorological exhibition in June of 2018. The exhibition booths on board 2 ships, provide information about: the climate change, the unique weather and climate of Crete island, the water resources of the island. Moreover real-time information is provided on the current weather conditions and on the weather forecasts while meteo quiz and games are available on tablets for the entertainment of the young passengers.

(b) an exhibition about meteorology and weather phenomena in Athens and Thessaloniki. NOA/meteo.gr with the support of TITAN Group company created an interactive meteorological exhibition in Thessaloniki (10/18-5/19) and Elefsina in Athens (10-12/18). The visitors of the exhibition get acquainted with: the meteorological instruments and how they work, the evolution of Meteorology from Ancient Greece up to today, the weather phenomena such as a lightning strike and a tornado, the greenhouse effect and the impacts of climate change.

- (c) two educational programs on meteorology and climate for the pupils of Junior High and High Schools;
- (d) participations in science festivals (like the European Researchers' Night, Athens Science Festival etc);
- (e) educational videos about weather phenomena, weather forecasts, weather stations;
- (f) electronic games about weather for kids

The large attendance in these activities proves that both the pupils and the general public have an interest on acquiring information and knowledge on the meteorological phenomena and climate change. This finding motivates pursuing the development of new outreach activities that will be also briefly quoted.