

DOHA CV Giandomenico Pace

Giandomenico Pace obtained a doctor degree in Physics (1997) and a PhD in Remote Sensing (2001) at the University of Rome “La Sapienza”.

In 1999-2000 he was Young Graduate Trainee at the ESTEC centre of ESA in The Netherlands, where he worked on the thermal and optical characterization of the GOME (Global Ozone Monitoring Experiment) spectrometer.

From 2001 to 2003 he worked as a research fellow and consultant at the Remote Sensing laboratory of “La Sapienza” University, where he collaborated in the development and research activities relating to the AirBorne Lidar Experiment (ABLE) coordinated by Prof. G. Fiocco.

In 2003-2005 he was a research fellow at the Climate Observations Laboratory of ENEA Casaccia (Rome) where he dedicated himself to the study of the optical properties of the aerosol and its impact on the radiative budget.

In 2005 he became research scientist at the Air Quality group of ENEA in Bologna, where he was involved in the development of the National Integrated Model to support the International Negotiation (MINNI) on the themes of air pollution, working at the implementation of the meteorological component of MINNI.

In 2010 he moved to the Climate Observations Laboratory of ENEA Casaccia (Rome), where he carried out activities relating to the study a) of the aerosol-cloud interaction through measurements of radiometers operating in the visible, infrared and microwaves, b) the radiative effects of aerosols and clouds on short and long wave atmospheric radiation, c) the chemical properties of aerosols through in situ measurements in the Mediterranean and the Arctic.

He was coordinator of the Marine Ozone and Radiation Experiment project funded by the European EUFAR project (2010) and of the CLOUDS And Radiation in the Arctic and Antarctica project funded by the National Antarctic Research Program (2019). Since 2019 he is responsible for the development of activities relating to the ACTRIS European infrastructure at the Lampedusa Climate Observation Station aimed at the study of aerosols and clouds with remote sensing activities.

Since 2019 he is responsible for the Laboratory of Observations and Measurements for the environment and climate of the ENEA Department for Sustainability.