

Vassilis Amiridis (VA) was born in Göteborg, Sweden, in 1971. He received his B.Sc. in Physics, M.Sc. in Environmental Sciences and Ph.D. in Atmospheric Physics at the [Aristotle University of Thessaloniki](#), Greece in 1998, 2000 and 2006, respectively. Since 2006, VA is a Researcher of the Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing ([IAASARS](#)) of the National Observatory of Athens ([NOA](#)) in Greece. He is working on climate research and he focuses on the impact of atmospheric aerosols and clouds on radiation and extreme weather. His research is mainly based on advanced ground-based and space-borne remote sensing observations (passive and active remote sensing techniques) and theoretical models.

VA has participated in **45** research projects and experimental campaigns, in **15** of which as coordinator, attracting a research funding of **16** M€ in total. He has **130** publications in peer-reviewed scientific journals and his work received approximately **4000** citations from third-party (**h-index** = **38**, source: ISI Web of Knowledge). Moreover, VA participated in numerous conferences, co-chaired **8** of them and invited to present his work **8** times. He is a member of the editorial board of EGU's [Atmospheric Measurement Techniques](#) Journal (Copernicus Publications, **Impact Factor** = **3.2**) and Remote Sensing (**Impact Factor** = **3.9**). VA is leading the Group for Remote Sensing of Aerosols, Clouds and Trace Gases (ReACT) in IAASARS/NOA, currently composed of **27** members.

VA is responsible for the operation and data exploitation of the 24/7 PollyXT sophisticated lidar system, part of the European Aerosol Research Lidar Network (EARLINET). He is also the PI of the Remote Sensing National Facilities of IAASARS/NOA at the island of Antikythera and the recently established PANhellenic GEophysical observatory of Antikythera (PANGEA), and he is in charge of the operations for the Cal/Val program of ESA for ADM-Aeolus and EarthCARE in Greece, employing the official ESA ground-based mobile lidar system developed by IAASARS/NOA and Raymetrics S.A. (ESA-EVE). His lidar-related activities have been acknowledged by the European Aerosol Research Lidar Network (EARLINET), which has elected VA as a council member for the periods 2012-2016 and 2016-2020. Moreover, VA acted as the Greek National Delegate for the COPERNICUS Committee (2014-2017), for the Interim ACTRIS council (2018-today) and the European ESFRI Environment SWG (2020-today). Moreover, he is a member of the ESA-Aeolus Science and Data Quality Advisory Group (SAG). Finally, VA is a member of the Steering Committee of the Sand and Dust Storm Warning Advisory System (SDS-WAS) of the World Meteorological Organization (WMO). In 2016, VA received the ERC Consolidator Grant for establishing high level atmospheric research in the geophysical observatory of Antikythera.

Research Interests:

Atmospheric aerosol/cloud characterization using ground-based and space-borne remote sensing observations (passive and active remote sensing techniques), aerosol radiative impact and climatic role.