

Andreas Kazantzidis is the Head of Laboratory of Atmospheric Physics and Associate Professor in the Physics Department, University of Patras. He has participated in more than 25 European programs related to the composition of the atmosphere and solar radiation. His main research activities focus on solar radiation transfer in the atmosphere and the calculation of the effect from various atmospheric constituents such as clouds and aerosols. Particular emphasis is given on theoretical calculations and measurements of solar energy with the extensive use of radiative transfer models in synergy with ground-based and satellite measurements of aerosol/cloud optical properties. His experimental activities include measuring of solar broadband, ultraviolet and visible radiation using various types of instruments, monitoring of atmospheric parameters as well as data analysis, quality control and reliability of atmospheric measurements. He is the Primary Investigator of the Particulate Matter measuring Networks in the Municipalities of Patras ([www.patrasair.gr](http://www.patrasair.gr)) and Themi ([www.thermiair.gr](http://www.thermiair.gr)). He has published 75 papers in international scientific journals which received ~1800 references (h-index: 27).

Hyperlink: <https://atmosphere-upatras.gr/en/staff/andreaskazantzidis>