

Curriculum Vitae

Personal Information



Petrinoli Kalliopi

📍 **Job Address:** Institute for Environmental Research & Sustainable Development, National Observatory of Athens, Thissio (Lofos Nimfon), Athens, Greece

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Date of Birth: 08/05/1987

Nationality: Greek

Education

6/2021 – now

Ph.D. Atmospheric Chemistry
Chemistry Department in the University of Crete
Thesis: Carbonaceous aerosols over the Eastern Mediterranean.
Supervisor: Prof. N. Mihalopoulos and Dr. E. Liakakou for NOA

9/2014 – 7/2016

MSc Environmental Physics
Environmental Physics & Meteorology Division, Physics Department, NKUA, Athens, Greece
Thesis: Spatial and temporal analysis of Land Surface Temperature by using MODIS data, for the period 2001-2015, to the major cities of Greece.
Supervisor: Prof. K. Kartalis

9/2005 – 9/2012 BSc Physics
 Physics Department, NKUA, Athens, Greece
 Thesis: Assessment of air quality in 30 buildings in Attica, Greece.
 Supervisor: Prof. M. Santamouris and Dr. M. Asimakopoulou

Work Experience

7/2021 – 12/2021 ACTRIS IMP - Collection, analysis and evaluation of big data from observational platforms in Europe.

1/2021 – 3/2021 Research Fellow at National Observatory of Athens in the framework of the THESPIA II Project. Production of Future Typical Meteorological Years for 33 sites all over Greece and comparison between historical and future TMY.

4/2018 – 8/2019 Research Fellow at National Observatory of Athens in the framework of the THESPIA II Project. Production of Typical Meteorological Years for 33 sites all over Greece.

5/2013 – 9/2013 Internship in National Meteorological Centre of Hellenic National Meteorological Service (HNMS) and in the department of Hydrometeorology and Climatology (HNMS).

Languages

Native Greek

Others

	Writing			Speaking			Reading		
English	B2			B2			B2		
French	B2			B2			B2		

(*) levels of the common European reference framework

Computing Skills

- ECDL
- WINDOWS
- MATLAB
- GIS
- SPSS
- PYTHON

Research Projects

KRHPIS-THESPIA II – Establishment of synergistic and integrated methodologies and environmental monitoring, management and forecasting tools parameters and pressures.

ACTRIS IMP – Collection, analysis and evaluation of big data from observational platforms in Europe.

Conferences

Basil E. Psiloglou, Harry D. Kambezidis, Konstantinos V. Varotsos, Christos Giannakopoulos, Dimitris G. Kaskaoutis, Dimitris Karagiannis, **Kalliopi Petrinoli**, Ariadne Gavriil, Kosmas Kavadias. EMS Annual Meeting 2021: Historical and Future Typical Meteorological Years for 33 locations in Greece: a handy tool for various applications [submitted to UP3.1 - identification number EMS2021-337, online]

Publications

D.G. Kaskaoutis, A. Rashki, U.C. Dumka, A. Mofidi, H.D. Kambezidis, B.E. Psiloglou, D. Karagiannis, **K. Petrinoli**, A. Gavriil, 2019. Atmospheric dynamics associated with exceptionally dusty conditions over the eastern Mediterranean and Greece in March 2018. Atmospheric Research, 218, 269-284.

D.G. Kaskaoutis, U.C. Dumka, A. Rashki, B.E. Psiloglou, A. Gavriil, A. Mofidi, **K. Petrinoli**, D. Karagiannis, H.D. Kambezidis, 2019. Analysis of intense dust storms over the eastern Mediterranean in March 2018: Impact on radiative forcing and Athens air quality. Atmospheric Environment, 209, 23-39.

H.D. Kambezidis, B.E. Psiloglou, D.G. Kaskaoutis, D. Karagiannis, **K. Petrinoli**, A. Gavriil, K. Kavadias, 2020. Generation of Typical Meteorological Years for 33 locations in Greece: adaptation to the needs of various applications. Theoretical and Applied Climatology, <https://doi.org/10.1007/s00704-020-03264-7>

H.D. Kambezidis, B.E. Psiloglou, A. Gavriil, **K. Petrinoli**, 2021. Detection of upper and lower Planetary-Boundary Layer curves and estimation of their heights from ceilometer observations under all-weather conditions: case of Athens, Greece. Remote Sensing, <https://doi.org/10.3390/rs13112175>