



Kostas Eleftheratos

Title: Lecturer of Atmospheric Physics

Department: Geography and Climatology

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Academic Qualifications:

- Ph.D. in Climatology (2007), Dept. Geography-Climatology, Faculty of Geology & Geoenvironment, University of Athens
- M.Sc. in Environmental Physics (2002), Faculty of Physics, Aristotle University of Thessaloniki
- B.Sc. in Environmental Studies (2000), Faculty of Environment, University of the Aegean

Appointments:

- 2012-today: Lecturer of Atmospheric Physics, Dept. of Geography-Climatology, Faculty of Geology & Geoenvironment, University of Athens.
- 2003-today: Scientific Collaborator, Atmospheric Environment Division, Biomedical Research Foundation of the Academy of Athens.
- 2008: Scientific Collaborator, National Observatory of Athens.
- 2002-2011: Scientific Collaborator, Dept. of Geography-Climatology, Faculty of Geology & Geoenvironment, University of Athens.
- 2001-2002: Scientific Collaborator, Lab. of Atmospheric Physics, Faculty of Physics, Aristotle University of Thessaloniki.

Teaching Activities: (current)

Undergraduate courses

- Atmospheric Physics
- Atmospheric Pollution

Research Interests/Activities: (last 10 years)

- Atmospheric research & climate change
- Climatic effects from aircraft emissions
- Ozone and ultraviolet radiation measurements
- Greenhouse gases changes

Scientific Publications/Citations:

- 18 publications in refereed journals
- 15 refereed conference publications
- 34 announcements at international meetings
- 107 citations (SCOPUS, h-index 7)
- 7 other publications

Top five publications

- Zerefos, C. S., K. Tourpali, K. Eleftheratos, S. Kazadzis, C. Meleti, U. Feister, T. Koskela, A. Heikkilä, Evidence of a

possible turning point in solar UV-B over Canada, Europe and Japan, *Atmos. Chem. Phys.*, 12, 2469-2477, 2012.

- Nastos, P. T., C. M. Philandras, J. Kapsomenakis, K. Eleftheratos, Variability and trends of mean maximum and mean minimum air temperature in Greece from ground-based observations and NCEP–NCAR reanalysis gridded data, *International Journal of Remote Sensing*, 32(21), 6177-6192, 2011.
- Eleftheratos, K., G. Tselioudis, C.S. Zerefos, P. Nastos, C. Douvis, I. Kapsomenakis, Observed and predicted climates changes in Uruguay and adjacent areas, *Hellenic Journal of Geosciences*, 45, 83-90, 2010.
- Eleftheratos, K., C. S. Zerefos, P. Zanis, D. S. Balis, G. Tselioudis, K. Gierens, R. Sausen, A study on natural and manmade global interannual fluctuations of cirrus cloud cover for the period 1984–2004, *Atmos. Chem. Phys.*, 7, 2631–2642, 2007.
- Zerefos, C. S., K. Eleftheratos, D. S. Balis, P. Zanis, G. Tselioudis, C. Meleti, Evidence of impact of aviation on cirrus cloud formation, *Atmos. Chem. Phys.*, 3, 1633-1644, 2003.

Distinctions:

- 2009: Scientific Mission, Dept. of Geosciences, University of Oslo, Norway (with Prof. I. Isaksen).
- 2004: Scientific Mission, Institute of Atmospheric Physics, DLR, Germany (with Dr. K. Gierens).

Other Activities:

- Participation in 10 European Research Competitive Projects (CRYOPLANE, TRADEOFF, COST Action 723, SCOUT-O3, GEMS, QUANTIFY, GEOMON, AMFIC, MACC, DARECLIMED).
- Participation in 5 National Research Projects (UVNET, PENED, KAPODISTRIAS, KSENIOS, EDHE).