

BIOGRAPHICAL NOTE

Education: Born in Koutselio, Ioannina. Studied at the University of Athens (degree in Physics, 1983) and at the University of PARIS VII (Diderot), France (Postgraduate Diploma “D.E.A” , 1984, and Doctorate “Diplome de Doctorat”, 1987, in Chemistry of Atmospheric Pollution and Environmental Physics, with a scholarship from the “Alexander Onassis” Public Benefit Foundation).

Postdoctoral Research – Teaching: He served as a Postdoctoral Researcher at the Institutes of Polluted Atmospheres and Applied Physical Chemistry of the KFA-JUELICH Research Center (Germany, 1987-90), at the Meteorology Laboratory, Department of Applied Physics of the University of Athens (1991-94) and at the Environmental Research Laboratory of the NCSR Demokritos (1994-96). He also worked as a Professor in Secondary Education (1992-94) and at the Institute of Vocational Training (IEK) in Piraeus, Department of Pollution Control (1993-96).

Academy of Athens: In 1996 he was elected and appointed as Associate Researcher at the Research Center for Atmospheric Physics and Climatology of the Academy of Athens, promoted to Senior Researcher in 2000 and Research Director in 2005. Since 2011 he has been Director of the Center. He also worked as a Visiting Research Fellow at the Institute for Environment and Sustainability of the Joint Research Centre of the European Commission (EC-JRC Ispra, Italy), on a 12-month Sabbatical research leave from the Academy of Athens (11/2013 – 10/2014).

Research Interests: His research focuses mainly on issues of atmospheric physical chemistry and the study of changes and composition of the atmosphere in relation to issues of atmospheric pollution and climate change, and in particular on issues of local and regional atmospheric pollution, particularly photochemical, as well as on the effect of atmospheric circulation and other climatic parameters on ozone fluctuations in the troposphere and the boundary layer, with particular emphasis on the Mediterranean region and the urban area of Athens. Within the framework of the above activities, it has developed long-term research collaborations with institutions in Greece and abroad, including: Institut fuer Chemie and Dynamik der Geosphaere, Forschungszentrum Juelich, Germany; Laboratoire d’Aerologie, CNRS, Universite Paul Sabatier, Toulouse, France; Laboratoire Inter-universitaire des Systèmes Atmosphériques, Universités Paris-Est Créteil et Paris Diderot, CNRS, Créteil, France; European Commission, JRC, Institute for Environment and Sustainability, Air and Climate Unit, Ispra, Italy; NOAA Earth System Research Laboratory, Boulder, Colorado, USA; Department of Physics, University of Malta; Ministry of Labor and Social Insurance, Labor Department, Nicosia, Cyprus, Environmental Research Laboratory, NCSR “Demokritos”, Athens, Greece; National Technical University of Athens, Laser Remote Sensing Laboratory and Chemical Engineering Department, Computational Fluid Dynamics Unit, Athens, Greece; Environmental Chemical Processes Laboratory, Department of Chemistry, University of Crete, Heraklion, Greece; Department of Meteorology and Climatology, Aristotle University of Thessaloniki, Greece; Ministry of Environment, Directorate of Air and Noise Pollution Control, Athens, Greece.

Publications: He has published more than 190 papers in International peer-reviewed Scientific Journals, in Conference Proceedings and Conference Communications, in Technical Reports of research projects as well as other relevant publications. He has participated in more than 60 International Scientific Conferences and is a Reviewer of publications in more than 20 International Scientific Journals.

Other Scientific Activities: Member of Scientific Committees of International Conferences. Reviewer of Research Programs funded by the European Union, Greece, France and Cyprus. Member of Scientific Committees in Public Administration related to environmental protection issues. Member of the Academic Supervisory Committee of the Joint Postgraduate Program of Studies of the Hellenic Open University with the Academy of Athens. Member of Examination Committees of Postgraduate and Doctoral students at Universities in Greece and Malta as well as member of evaluation Committees for the promotion of Researchers and Professors at various Greek Research Centers and Universities.

Spoken languages: Greek, English, French, German, Italian

INDICATIVE PUBLICATIONS

1.T Stavraka, J Kapsomenakis, A Poupkou, K Douvis, P Kalabokas: The Evolution of the Interannual and Seasonal Variation of the Main Gaseous and Particulate Pollutants in Athens, Greece, for 2001–2023, Environmental and Earth Sciences Proceedings 35 (1), 41, 2025. <https://www.mdpi.com/3042-5743/35/1/41>

2.P. Kalabokas, P. Zanis, D. Akritidis, A.K. Georgoulas, J.Kapsomenakis, C. S. Zerefos, G. Dufour, A. Gaudel, P. Sellitto, A. Armengaud, G. Ancellet, F. Gheusi, and F. Dulac: Ozone in the Mediterranean Atmosphere, In book: Atmospheric Chemistry in the Mediterranean Region, Volume 1 - Background Information and Pollutant Distribution, François Dulac, Stéphane Sauvage, Eric Hamonou Editors, Springer, July 2023, DOI: 10.1007/978-3-031-12741-0_13, pp. 413-470.

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3.S. Sauvage, F. Dulac, E. Hamonou, U. Dayan, N. Mihalopoulos, C. Debevec, J.-F. Doussin, F. Giorgi, P. Kalabokas, D. G. Kaskaoutis, E. Liakakou, and O. Masson: Summary of Recent Progress and Recommendations for Future Research Regarding the Mediterranean Context and Atmospheric Pollutants Distribution, In book: Atmospheric Chemistry in the Mediterranean Region, Volume 1 - Background Information and Pollutant Distribution, François Dulac, Stéphane Sauvage, Eric Hamonou Editors, Springer, July 2023, DOI: 10.1007/978-3-031-12741-0_13, pp. 537-550.

https://link.springer.com/chapter/10.1007/978-3-031-12741-0_1

4. P. Kalabokas, N.R. Jensen, M. Roveri, J. Hjorth, M. Eremenko, J. Cuesta, G. Dufour, G. Foret, M. Beekmann: A study of the influence of tropospheric subsidence on spring and summer surface ozone concentrations at the JRC Ispra station in northern Italy, *Atmospheric Chemistry and Physics* 20 (4), 1861-1885, 2020.

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5. P. Kalabokas, J. Kapsomenakis, N. Mihalopoulos, C. Zerefos: High summer ozone levels in the Eastern Mediterranean and the associated synoptic meteorological conditions. European Geosciences Union (EGU), General Assembly 2019, Vienna, Austria, 7 –12 April 2019, *Geophysical Research Abstracts* 2019, 21.

6. Gaudel A., O. R. Cooper, G. Ancellet, B. Barret, A. Boynard, J. P. Burrows, C. Clerbaux, P.-F. Coheur, J. Cuesta, E. Cuevas, S. Doniki, G. Dufour, F. Ebojje, G. Foret, O. Garcia, M. J. Granados-Muñoz, J. W. Hannigan, F. Hase, B. Hassler, G. Huang, D. Hurtmans, D. Jaffe, N. Jones, P. Kalabokas, B. Kerridge, S. Kulawik, B. Latter, T. Leblanc, E., Le Flochmoën, W. et al.: Tropospheric Ozone Assessment Report: Present-day distribution and trends of tropospheric ozone relevant to climate and global atmospheric chemistry model evaluation. *Elementa: Science of the Anthropocene*, 6, 39, 2018, <https://doi.org/10.1525/elementa.291>

7. Kalabokas P., J. Hjorth, G. Foret, G. Dufour, M. Eremenko, G. Siour, J. Cuesta, M. Beekmann: An investigation on the origin of regional spring time ozone episodes in the Western Mediterranean, *Atmos. Chem. Phys.*, 17, 3905–3928, 2017, www.atmos-chem-phys.net/17/3905/2017/

8. P. Kalabokas, C. Repapis: A Review of Surface and Lower Troposphere Ozone Concentration Characteristics Around the Urban Area of Athens, the Aegean Sea and at the Central and Eastern Mediterranean, *Perspectives on Atmospheric Sciences*, 995-1000, 2016. https://link.springer.com/chapter/10.1007/978-3-319-35095-0_142

9. Kalabokas P. D., Thouret, V., Cammas, J.-P., Volz-Thomas, A., Boulanger, D., and Repapis, C. C.: The geographical distribution of meteorological parameters associated with high and low summer ozone levels in the lower troposphere and the boundary layer over the Eastern Mediterranean (Cairo case), *Tellus B*, 67, 27853, 2015.

<https://www.tandfonline.com/doi/full/10.3402/tellusb.v67.27853>

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11. Kleanthous, S., Vrekoussis, M., Mihalopoulos, N., Kalabokas, P. and Lelieveld, J., On the temporal and spatial variation of ozone in Cyprus, *Science of the Total Environment* 476–477 (2014), 677–687, 2014.

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12. Kalabokas P. D., J.-P. Cammas, V. Thouret, A. Volz-Thomas, D. Boulanger and C.C. Repapis: Examination of the atmospheric conditions associated with high and

low vertical ozone measurements in the lower troposphere over the Eastern Mediterranean, *Atm. Chem and Phys.*,13,10339-10352, 2013,
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15. Kalabokas P. D., N. Mihalopoulos, R. Ellul, S. Kleanthous, C.C. Repapis: An investigation of the meteorological and photochemical factors influencing the background rural and marine surface ozone levels in the central and eastern Mediterranean”, *Atmospheric Environment*, 42, 7894–7906, 2008.

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