

CURRICULUM VITAE

Of

Nikolaos Kalivitis

PERSONAL DETAILS

Name: Nikolaos P. Kalivitis

Nationality: Hellenic

Date of birth: 22 December 1977

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University of Crete, POBox 2208, 70013,
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EDUCATION

2008: Ph.D. in Chemistry, Department of Chemistry, University of Crete: “Physical properties of aerosol particles affecting climate in the Eastern Mediterranean atmosphere”

2008: Meteorological observer degree from the Hellenic National Meteorological Service

2006: MSc from the Department of Chemistry, University of Crete

2002: Physics degree from the University of Crete

1995: High school graduation in Sitia, Crete

WORKING EXPERIENCE

2003 – Today: Experimental work on a normal base at the monitoring station of the University of Crete at Finokalia, Crete (<http://finokalia.chemistry.uoc.gr/>) including in-situ and remote sensing, aerosol, meteorological, trace and greenhouse gas measurements.

2024-Today PI in NET4cities project

2022 – Today: Project manager in Erasmus+ CLIMADEMY project.

2022 – 2024: Project manager in HFRI EDU4clima project.

2022: Researcher in “PANACEA” project.

2022: Researcher in “CLIMPACT” project.

2018 – 2021: Researcher in the “KASTOM” project.

2018: Researcher in the “ERC-DTECT” project

2017 – 2018: Researcher in the “ECARS” project.

2017 – 2018: Postdoctoral researcher at Institute for Astronomy, Astrophysics, Space Applications & Remote Sensing, National Observatory of Athens.

2017: Researcher in the “ACTRIS PPP” project.

2015-2017: Researcher in the “ACTRIS-2” project.

2015-2017: Postdoctoral researcher at Institute for Environmental Research and Sustainable Development, National Observatory of Athens.

2012-2015: Postdoctoral researcher at Department of Chemistry, University of Crete and Physics department, University of Helsinki.

2011-2012: Station Manager of Navarino Environmental Observatory (NEO)-Department of Physical Geography and Quaternary Geology, Stockholm University

2010: Researcher in the “FSRI COPAL” Project

2010: Researcher in the “Greek Argo” Project.

2009 – 2011: Laboratory collaborator at the Department of Floriculture and Greenhouse Crops, School of Agricultural Technology, T.E.I. Crete.

2009 – 2011: Postdoctoral researcher at Department of Chemistry, University of Crete.

2009 – 2010: Researcher in the “*CIRCE Integrated Project*”.

2008 – 2009: Military Service, Meteorological observer at the 133 SM airport of Hellenic Air Force at Kastelli, Crete.

2008: Researcher in the “*CIRCE Integrated Project*”.

2007 – 2008: Researcher in the “*Secondary Marine Aerosol Production from Natural Sources (MAP)*” project.

2006: Researcher in the PYTHAGORAS II funded project “*Study of the relative contribution of the natural variability and the anthropogenic influence on the levels and the climate role of aerosols and ozone over the East Mediterranean and on a global scale*”.

2005: Three months training and working on H-DMPS system at IfT institute in Leipzig in the frame of “*ACCENT – Access to infrastructures*” fellowship.

2004: Three months training and working on DMPS system at IfT institute in Leipzig in the frame of “*Marie Curie*” fellowship.

2002 – 2004: Researcher in the “*PHOENICS*” project.

2001 – 2002: One year diploma thesis in Atmospheric Chemistry (taken place in Department of Chemistry): “*Photo dissociation rates calculation of trace gases using a numerical model of tropospheric chemistry*”.

TEACHING EXPERIENCE

2018-today: “Data Analysis”, Department of Chemistry, University of Crete

2017-today: “Environmental processes laboratory”, Department of Chemistry, University of Crete

2019: “Computational environmental chemistry”, Department of Chemistry, University of Crete

2009 - 2011: “Agrometeorology” at T.E.I. of Crete.

2009 – 2011: Marine Meteorology Instructor, NOGK nautical school

2008 - 2009: Teaching assistant in “Atmospheric Chemistry and Physics” at Department of Chemistry, University of Crete.

2006 - 2007: Teaching assistant in “Computational Environmental Chemistry I” at Department of Chemistry, University of Crete.

2005: Teaching assistant in “Physical Chemistry IV” at Department of Chemistry, University of Crete.

PEER-REVIEWED ARTICLES

Under review

1. Chatziparaschos, M., Myriokefalitakis, S., Kalivitis, N., Daskalakis, N., Nenes, A., Gonçalves Ageitos, M., Costa-Surós, M., Pérez García-Pando, C., Vrekoussis, M., and Kanakidou, M.: Assessing the global contribution of marine, terrestrial bioaerosols, and desert dust to ice-nucleating particle concentrations, EGU sphere [preprint], <https://doi.org/10.5194/egusphere-2024-952>, 2024
2. Kecorius, S., Madueño, L., Lovric, M., Racic, N., Peters, A., Schwarz, M., Cyrys, J., Casquero-Vera, J., Alados-Arboledas, L., Conil, S., Sciare, J., Ondracek, J., Hallar, A., Gómez-Moreno, F., Ellul, R., Kristensson, A., Sorribas, M., Nikolaos, M., Kalivitis, N., Gini, M., Eleftheriadis, K., Vratolis, S., Jeongeun, K., Birmili, W., Bergmans, B., Nikolova, N., Dinoi, A., Contini, D., Marinoni, A., Alastuey, A., Petäjä, T., Rodriguez, S., Picard, D., Brem, B., Priestman, M., Green, D., Beddows, D., Harrison, R., O'Dowd, C., Ceburnis, D., Hyvärinen, A., Henzing, J.S., Crumeyrolle, S., Putaud, J.-P., Laj, P., Weinhold, K., Plauškaitė, K. and Byčenkienė, S., (2024) 'Atmospheric New Particle Formation Classifier Using Longitudinal Global Particle Number Size Distribution Data, Sci Data, Paper #SDATA-24-01157
3. Kalivitis, N., S. E. Markoulakis, P. Kalkavouras, V. M. Kerminen, M. Kulmala and M. Kanakidou (2024). New particle formation as continuous phenomena in the Mediterranean coastal environment: Insights from atmospheric ions behavior analysis,

Published

1. Kouis, P., Galanakis, E., Michaelidou, E., Kinni, P., Michanikou, A., Pitsios, C., Perez, J., Achilleos, S., Middleton, N., Anagnostopoulou, P., Dimitriou, H., Revvas, E., Stamatelatos, G., Zacharatos, H., Savvides, C., Vasiliadou, E., Kalivitis, N., Chrysanthou, A., Tymvios, F., Papatheodorou, S., Koutrakis, P. and Yiallourous, P. K. (2024). Improved childhood asthma control after exposure reduction interventions for desert dust and anthropogenic air pollution: the MEDEA randomised controlled trial. *Thorax*, 79(6), 495–507. <https://doi.org/10.1136/thorax-2023-220877>.
2. Florou, K., Liangou, A., Kaltsonoudis, C., Louvaris, E., Tasoglou, A., Patoulis, D., Kouvarakis, G., Kalivitis, N., Kourtchev, I., Kalberer, M., Tsagkaraki, M., Mihalopoulos, N., & Pandis, S. N. (2024). Chemical characterization and sources of background aerosols in the eastern Mediterranean. *Atmospheric Environment*, 324, 120423. <https://doi.org/https://doi.org/10.1016/j.atmosenv.2024.120423>.
3. Aktypis, A., Kaltsonoudis, C., Patoulis, D., Kalkavouras, P., Matrali, A., Vasilakopoulou, C. N., Kostenidou, E., Florou, K., Kalivitis, N., Bougiatioti, A., Eleftheriadis, K., Vratolis, S., Gini, M. I., Kouras, A., Samara, C., Lazaridis, M., Chatoutsidou, S.-E., Mihalopoulos, N., and Pandis, S. N.: Significant spatial gradients in new particle formation frequency in Greece during summer, *Atmos. Chem. Phys.*, 24, 65–84, <https://doi.org/10.5194/acp-24-65-2024>, 2024.
4. C Casquero-Vera, J. A., Pérez-Ramírez, D., Lyamani, H., Rejano, F., Casans, A., Titos, G., Olmo, F. J., Dada, L., Hakala, S., Hussein, T., Lehtipalo, K., Paasonen, P., Hyvärinen, A., Pérez, N., Querol, X., Rodríguez, S., Kalivitis, N., González, Y., Alghamdi, M. A., Kerminen, V.-M., Alastuey, A., Petäjä, T., and Alados-Arboledas, L. (2023): Impact of desert dust on new particle formation events and the cloud condensation nuclei budget in dust-influenced areas, *Atmos. Chem. Phys.*, 23, 15795–15814, <https://doi.org/10.5194/acp-23-15795-2023>, 2023.

5. Tzitzikalaki, E., Kalivitis, N., Kouvarakis, G., Mihalopoulos, N., & Kanakidou, M. (2023). Seasonal and Diurnal Variability of Monoterpenes in the Eastern Mediterranean Atmosphere. *Atmosphere*, 14(2). <https://doi.org/10.3390/atmos14020392>
6. Achilleos, S., Michanikou, A., Kouis, P., Papatheodorou, S. I., Panayiotou, A. G., Kinni, P., Mihalopoulos, N., Kalivitis, N., Kouvarakis, G., Galanakis, E., Michailidi, E., Tymvios, F., Chrysanthou, A., Neophytou, M., Mouzourides, P., Savvides, C., Vasiliadou, E., Papasavvas, I., Christophides, T., ... Yiallourous, P. K. (2023). Improved indoor air quality during desert dust storms: The impact of the MEDEA exposure-reduction strategies. *Science of The Total Environment*, 863, 160973. <https://doi.org/10.1016/j.scitotenv.2022.160973>.
7. Kouis, P., Michanikou, A., Galanakis, E., Michaelidou, E., Dimitriou, H., Perez, J., Kinni, P., Achilleos, S., Revvas, E., Stamatelatos, G., Zacharatos, H., Savvides, C., Vasiliadou, E., Kalivitis, N., Chrysanthou, A., Tymvios, F., Papatheodorou, S. I., Koutrakis, P., & Yiallourous, P. K. (2023). Responses of schoolchildren with asthma to recommendations to reduce desert dust exposure: Results from the LIFE-MEDEA intervention project using wearable technology. *Science of The Total Environment*, 860, 160518. <https://doi.org/10.1016/j.scitotenv.2022.160518>.
8. Gialesakis, N., Kalivitis, N., Kouvarakis, G., Ramonet, M., Lopez, M., Kwok, C. Y., Narbaud, C., Daskalakis, N., Mermigkas, M., Mihalopoulos, N., & Kanakidou, M. (2023). A twenty year record of greenhouse gases in the Eastern Mediterranean atmosphere. *Science of The Total Environment*, 864, 161003. <https://doi.org/10.1016/j.scitotenv.2022.161003>
9. Chatziparaschos, M., Daskalakis, N., Myriokefalitakis, S., Kalivitis, N., Nenes, A., Gonçalves Ageitos, M., Costa-Surós, M., Pérez García-Pando, C., Zanolli, M., Vrekoussis, M., and Kanakidou, M. (2022): Role of K-feldspar and quartz in global ice nucleation by mineral dust in mixed-phase clouds, *Atmos. Chem. Phys.*, 23, 1785–1801, <https://doi.org/10.5194/acp-23-1785-2023>.

10. Monteiro, A., Basart, S., Kazadzis, S., Gkikas, A., Vandenbussche, S., Tobias, A., Gama, C., García-Pando, C. P., Tarradellas, E., Notas, G., Middleton, N., Kushta, J., Amiridis, V., Lagouvardos, K., Kosmopoulos, P., Kotroni, V., Kanakidou, M., Mihalopoulos, N., Kalivitis, N., ... Meinander, O. (2022): Multi-sectoral impact assessment of an extreme African dust episode in the Eastern Mediterranean in March 2018, *Science of The Total Environment*/ 843, 156861. <https://doi.org/10.1016/J.SCITOTENV.2022.156861>.
11. Rose, C., Collaud Coen, M., Andrews, E., Lin, Y., Bossert, I., Lund Myhre, C., Tuch, T., Wiedensohler, A., Fiebig, M., Aalto, P., Alastuey, A., Alonso-Blanco, E., Andrade, M., Artíñano, B., Arsov, T., Baltensperger, U., Bastian, S., Bath, O., Beukes, J. P., Brem, B. T., Bukowiecki, N., Casquero-Vera, J. A., Conil, S., Eleftheriadis, K., Favez, O., Flentje, H., Gini, M. I., Gómez-Moreno, F. J., Gysel-Beer, M., Hallar, A. G., Kalapov, I., Kalivitis, N., Kasper-Giebl, A., Keywood, M., Kim, J. E., Kim, S.-W., Kristensson, A., Kulmala, M., Lihavainen, H., Lin, N.-H., Lyamani, H., Marinoni, A., Martins Dos Santos, S., Mayol-Bracero, O. L., Meinhardt, F., Merkel, M., Metzger, J.-M., Mihalopoulos, N., Ondracek, J., Pandolfi, M., Pérez, N., Petäjä, T., Petit, J.-E., Picard, D., Pichon, J.-M., Pont, V., Putaud, J.-P., Reisen, F., Sellegri, K., Sharma, S., Schauer, G., Sheridan, P., Sherman, J. P., Schwerin, A., Sohmer, R., Sorribas, M., Sun, J., Tulet, P., Vakkari, V., van Zyl, P. G., Velarde, F., Villani, P., Vratolis, S., Wagner, Z., Wang, S.-H., Weinhold, K., Weller, R., Yela, M., Zdimal, V., and Laj, P. (2021): Seasonality of the particle number concentration and size distribution: a global analysis retrieved from the network of Global Atmosphere Watch (GAW) near-surface observatories, *Atmos. Chem. Phys.*, 21, 17185–17223, <https://doi.org/10.5194/acp-21-17185-2021>.
12. Tzitzikalaki, E., Kalivitis, N., Kanakidou, M. (2021): Observations of gas-phase alkylamines at a coastal site in the east Mediterranean atmosphere, *Atmosphere*, 12 (11), DOI: 10.3390/atmos12111454.
13. Cuesta-Mosquera, A., Mocnik, G., Drinovec, L., Müller, T., Pfeifer, S., Minguillon, M.C., Briel, B., Buckley, P., Dudoitis, V., Fernández-García, J., Fernandez-Amado, M., De Brito, J.F., Riffault, V., Flentje, H., Heffernan, E., Kalivitis, N., Kalogridis, A.-C.,

Keernik, H., Marmureanu, L., Luoma, K., Marinoni, A., Pikridas, M., Schauer, G., Serfozo, N., Servomaa, H., Titos, G., Yus-Diez, J., Zioła, N., Wiedensohler, A. (2021): Intercomparison and characterization of 23 Aethalometers under laboratory and ambient air conditions: Procedures and unit-to-unit variabilities, *Atmospheric Measurement Techniques*, 14 (4), pp. 3195-3216, DOI: 10.5194/amt-14-3195-2021

14. Hansson, H.-C., Tunved, P., Krejci, R., Freud, E., Kalivitis, N., Hennig, T., Maneas, G., Gerasopoulos, E. (2021): The atmospheric aerosol over western Greece-six years of aerosol observations at the Navarino Environmental Observatory, *Atmosphere*, 12 (4), DOI: 10.3390/atmos12040445.

15. Varlas, G., Marinou, E., Gialitaki, A., Siomos, N., Tsarpalis, K., Kalivitis, N., Solomos, S., Tsekeri, A., Spyrou, C., Tsihla, M., Kampouri, A., Vervatis, V., Giannakaki, E., Amiridis, V., Mihalopoulos, N., Papadopoulos, A., Katsafados, P. (2021): Assessing sea-state effects on sea-salt aerosol modeling in the lower atmosphere using lidar and in-situ measurements, *Remote Sensing*, 13 (4), pp. 1-32, DOI: 10.3390/rs13040614.

16. Kaskaoutis, D.G., Grivas, G., Liakakou, E., Kalivitis, N., Kouvarakis, G., Stavroulos, I., Kalkavouras, P., Zarnmpas, P., Dumka, U.C., Gerasopoulos, E., Mihalopoulos, N. (2021): Assessment of the COVID-19 lockdown effects on spectral aerosol scattering and absorption properties in Athens, Greece, *Atmosphere*, 12 (2), DOI: 10.3390/atmos12020231.

17. Kalkavouras, P., Bougiatioti, A., Hussein, T., Kalivitis, N., Stavroulos, I., Michalopoulos, P., Mihalopoulos, N. (2021): Regional new particle formation over the eastern Mediterranean and Middle East, *Atmosphere*, 12 (1), pp. 1-23, DOI: 10.3390/atmos12010013

18. Laj, P., Bigi, A., Rose, C., Andrews, E., Lund Myhre, C., Collaud Coen, M., Lin, Y., Wiedensohler, A., Schulz, M., A. Ogren, J., Fiebig, M., Gliß, J., Mortier, A., Pandolfi, M., Petäjä, T., Kim, S.-W., Aas, W., Putaud, J.-P., Mayol-Bracero, O., Keywood, M., Labrador, L., Aalto, P., Ahlberg, E., Alados Arboledas, L., Alastuey, A., Andrade, M., Artinano, B., Ausmeel, S., Arsov, T., Asmi, E., Backman, J., Baltensperger, U., Bastian, S., Bath, O., Paul Beukes, J., T. Brem, B., Bukowiecki, N., Conil, S., Couret, C., Day, D.,

Dayantolis, W., Degorska, A., Eleftheriadis, K., Fetfatzis, P., Favez, O., Flentje, H., I. Gini, M., Gregorič, A., Gysel-Beer, M., Gannet Hallar, A., Hand, J., Hoffer, A., Hueglin, C., K. Hooda, R., Hyvärinen, A., Kalapov, I., Kalivitis, N., Kasper-Giebl, A., Eun Kim, J., Kouvarakis, G., Kranjc, I., Krejci, R., Kulmala, M., Labuschagne, C., Lee, H.-J., Lihavainen, H., Lin, N.-H., Löschau, G., Luoma, K., Marinoni, A., Martins Dos Santos, S., Meinhardt, F., Merkel, M., Metzger, J.-M., Mihalopoulos, N., Anh Nguyen, N., Ondracek, J., Pérez, N., Rita Perrone, M., Pichon, J.-M., Picard, D., Pichon, J.-M., Pont, V., Prats, N., Prenni, A., Reisen, F., Romano, S., Sellegri, K., Sharma, S., Schauer, G., Sheridan, P., Patrick Sherman, J., Schütze, M., Schwerin, A., Sohmer, R., Sorribas, M., Steinbacher, M., Sun, J., Titos, G., Toczko, B., Tuch, T., Tulet, P., Tunved, P., Vakkari, V., Velarde, F., Velasquez, P., Villani, P., Vratolis, S., Wang, S.-H., Weinhold, K., Weller, R., Yela, M., Yus-Diez, J., Zdimal, V., Zieger, P., Zikova, N. (2021): A global analysis of climate-relevant aerosol properties retrieved from the network of Global Atmosphere Watch (GAW) near-surface observatories, (2020), Atmospheric Measurement Techniques, 13 (8), pp. 4353-4392, DOI: 10.5194/amt-13-4353-2020.

19. Kalkavouras, P., Bougiatioti, A., Grivas, G., Stavroulas, I., Kalivitis, N., Liakakou, E., Gerasopoulos, E., Pilinis, C., Mihalopoulos, N. (2020): On the regional aspects of new particle formation in the Eastern Mediterranean: A comparative study between a background and an urban site based on long term observations, Atmospheric Research, 239, DOI: 10.1016/j.atmosres.2020.104911.

20. Achilleos, S., Mouzourides, P., Kalivitis, N., Katra, I., Kloog, I., Kouis, P., Middleton, N., Mihalopoulos, N., Neophytou, M., Panayiotou, A., Papatheodorou, S., Savvides, C., Tymvios, F., Vasiliadou, E., Yiallourous, P., Koutrakis, P. (2020): Spatio-temporal variability of desert dust storms in Eastern Mediterranean (Crete, Cyprus, Israel) between 2006 and 2017 using a uniform methodology, Science of the Total Environment, 714, DOI: 10.1016/j.scitotenv.2020.136693.

21. Burgos, M., Andrews, E., Titos, G., Alados-Arboledas, L., Baltesperger, U., Day, D., Jefferson, A., Kalivitis, N., Kouvarakis, G., Mihalopoulos, N., Sherman, J.P., Sun, J., Weingartner, E., Zieger, P. (2019): *Data Descriptor: A global view on the effect of water*

uptake on aerosol particle light scattering, *Scientific Data*, 6, 157, <https://doi.org/10.1038/s41597-019-0158-7>.

22. Vratolis, S., Gini, M. I., Bezantakos, S., Stavroulas, I., Kalivitis, N., Kostenidou, E., Louvaris, E., Siakavaras, D., Biskos, G., Mihalopoulos, N., Pandis, S. N., Pilinis, C., Papayannis, A., Eleftheriadis, K. (2019): *Particle number size distribution statistics at City-Centre Urban Background, urban background, and remote stations in Greece during summer*, *Atmospheric Environment*, 213, 711–726. <https://doi.org/10.1016/J.ATMOSENV.2019.05.064>.

23. Fanourgakis, G. S., Kanakidou, M., Nenes, A., Bauer, S. E., Bergman, T., Carslaw, K. S., Grini, A., Hamilton, D. S., Johnson, J. S., Karydis, V. A., Kirkevåg, A., Kodros, J. K., Lohmann, U., Luo, G., Makkonen, R., Matsui, H., Neubauer, D., Pierce, J. R., Schmale, J., Stier, P., Tsigaridis, K., van Noije, T., Wang, H., Watson-Parris, D., Westervelt, D. M., Yang, Y., Yoshioka, M., Daskalakis, N., Decesari, S., Gysel-Beer, M., Kalivitis, N., Liu, X., Mahowald, N. M., Myriokefalitakis, S., Schrödner, R., Sfakianaki, M., Tsimpidi, A. P., Wu, M., and Yu, F. (2019): *Evaluation of global simulations of aerosol particle and cloud condensation nuclei number, with implications for cloud droplet formation*, *Atmos. Chem. Phys.*, 19, 8591-8617, <https://doi.org/10.5194/acp-19-8591-2019>.

24. Kalkavouras, P., Bougiatioti, A., Kalivitis, N., Tombrou, M., Nenes, A., and Mihalopoulos, N. (2019): *Regional New Particle Formation as Modulators of Cloud Condensation Nuclei and Cloud Droplet Number in the Eastern Mediterranean*, *Atmos. Chem. Phys.*, 19, 6185-6203, <https://doi.org/10.5194/acp-19-6185-2019>.

25. Kalivitis, N., Kerminen, V.-M., Kouvarakis, G., Stavroulas, I., Tzitzikalaki, E., Kalkavouras, P., Daskalakis, N., Myriokefalitakis, S., Bougiatioti, A., Manninen, H. E., Roldin, P., Petäjä, T., Boy, M., Kulmala, M., Kanakidou, M., and Mihalopoulos, N. (2019): *Formation and growth of atmospheric nanoparticles in the eastern Mediterranean: results from long-term measurements and process simulations*, *Atmos. Chem. Phys.*, 19, 2671-2686, <https://doi.org/10.5194/acp-19-2671-2019>.

26. Solomos, S., Kalivitis, N., Mihalopoulos, N., Amiridis, V., Kouvarakis, G., Gkikas, A., Marengo, F. (2018): *From tropospheric folding to Khamsin and Foehn winds: How*

atmospheric dynamics advanced a record-breaking dust episode in Crete. *Atmosphere*, 9(7). <http://doi.org/10.3390/atmos9070240>

27. Schmale, J., Henning, S., Decesari, S., Henzing, B., Keskinen, H., Sellegri, K., Ovadnevaite, J., Pöhlker, M. L., Brito, J., Bougiatioti, A., Kristensson, A., Kalivitis, N., Stavroulas, I., Carbone, S., Jefferson, A., Park, M., Schlag, P., Iwamoto, Y., Aalto, P., Äijälä, M., Bukowiecki, N., Ehn, M., Frank, G., Fröhlich, R., Frumau, A., Herrmann, E., Herrmann, H., Holzinger, R., Kos, G., Kulmala, M., Mihalopoulos, N., Nenes, A., O'Dowd, C., Petäjä, T., Picard, D., Pöhlker, C., Pöschl, U., Poulain, L., Prévôt, A. S. H., Swietlicki, E., Andreae, M. O., Artaxo, P., Wiedensohler, A., Ogren, J., Matsuki, A., Yum, S. S., Stratmann, F., Baltensperger, U., and Gysel, M. (2018): *Long-term cloud condensation nuclei number concentration, particle number size distribution and chemical composition measurements at regionally representative observatories*, *Atmos. Chem. Phys.*, 18, 2853-2881, <https://doi.org/10.5194/acp-18-2853-2018>.

28. Pandolfi, M., Alados-Arboledas, L., Alastuey, A., Andrade, M., Angelov, C., Artiñano, B., Backman, J., Baltensperger, U., Bonasoni, P., Bukowiecki, N., Collaud Coen, M., Conil, S., Coz, E., Crenn, V., Dudoitis, V., Ealo, M., Eleftheriadis, K., Favez, O., Fetfatzis, P., Fiebig, M., Flentje, H., Ginot, P., Gysel, M., Henzing, B., Hoffer, A., Holubova Smejkalova, A., Kalapov, I., Kalivitis, N., Kouvarakis, G., Kristensson, A., Kulmala, M., Lihavainen, H., Lunder, C., Luoma, K., Lyamani, H., Marinoni, A., Mihalopoulos, N., Moerman, M., Nicolas, J., O'Dowd, C., Petäjä, T., Petit, J.-E., Pichon, J. M., Prokopciuk, N., Putaud, J.-P., Rodríguez, S., Sciare, J., Sellegri, K., Swietlicki, E., Titos, G., Tuch, T., Tunved, P., Ulevicius, V., Vaishya, A., Vana, M., Virkkula, A., Vratolis, S., Weingartner, E., Wiedensohler, A., and Laj, P. (2018): *A European aerosol phenomenology – 6: scattering properties of atmospheric aerosol particles from 28 ACTRIS sites*, *Atmos. Chem. Phys.*, 18, 7877-7911, <https://doi.org/10.5194/acp-18-7877-2018>.

29. Tsekeri, A., Lopatin, A., Amiridis, V., Marinou, E., Igloffstein, J., Siomos, N., Solomos, S., Kokkalis, P., Engelmann, R., Baars, H., Gratsea, M., Raptis, P. I., Biniotoglou, I., Mihalopoulos, N., Kalivitis, N., Kouvarakis, G., Bartsotas, N., Kallos, G.,

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33. Bougiatioti, A., C. Fountoukis, N. Kalivitis, S. Pandis, A. Nenes, and N. Mihalopoulos, “*Size-resolved CCN measurements in the Eastern Mediterranean: distributions, closure and activation kinetics*”, CACGP-IGAC-2010, Halifax, Canada, July 11-16 2010.(oral)
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35. Kalivitis, N., Bougiatioti, A., Kouvarakis, G., Mihalopoulos, N., “*Long term measurements of atmospheric aerosol climatic relevant optical properties in the eastern Mediterranean*”, 10th International Conference on Meteorology-Climatology and Atmospheric Physics, Patras, Greece, 25-28 May 2010 (oral).
36. Kalivitis N., W. Birmili, A. Wiedensohler, N. Mihalopoulos, “*Seasonal variability of atmospheric particle number size distributions and new particle formation in the atmosphere of Eastern Mediterranean*”, European Aerosol Conference (EAC2008), Thessaloniki, Greece, August 24 – 29 2008.

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39. Gerasopoulos E., Kalivitis N., Kouvarakis G., Hillamo R. and Mihalopoulos N., “*Aerosol loadings over Eastern Mediterranean and the contribution of Saharan dust*”, First International Conference: From Deserts to Monsoons, Aldemar Knossos Royal Village, Crete, Greece June 1-6 2008 (invited).
40. Kanakidou M., Myriokefalitakis S., Tsigaridis K., Mihalopoulos N., Kalivitis N., Gerasopoulos E., Vrekoussis M., “*Natural and anthropogenic contributions to particulate matter and its radiative forcing over the East Mediterranean*”, IX EMTE National-International Conference of Meteorology-Climatology and Atmospheric Physics, Thessaloniki, Greece, 28-31 May 2008.
41. Gerasopoulos E., Kalivitis N., Kouvarakis G., Hillamo R. and Mihalopoulos N., “*Dust transport from Africa and its contribution to aerosol loadings over eastern Mediterranean*”, IX EMTE National-International Conference of Meteorology-Climatology and Atmospheric Physics, Thessaloniki, Greece, 28-31 May 2008.
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43. Arsene C., A. Bougiatioti, N. Kalivitis, G. Chourdakis, P. Zarnpas and N. Mihalopoulos, *“Non-Methane hydrocarbons measurements in the Eastern Mediterranean during summer: Implications for OH radicals and Cl atom levels”*, Second ACCENT Symposium, Atmospheric Composition Change, Causes and Consequences – Local to Global, Urbino, Italy, July 2007.
44. Gerasopoulos E., E. Koulouri, N. Kalivitis, G. Kouvarakis, M. Vrekoussis, S. Saarikoski, T. Mäkelä, R. Hillamo, N. Kubilay and N. Mihalopoulos, *“Aerosols over Eastern Mediterranean: Size-segregated mass distributions, vertical dust transport pathways and comparison with AERONET and TOMS”*, Second ACCENT Symposium, Atmospheric Composition Change, Causes and Consequences – Local to Global, Urbino, Italy, July 2007.
45. Kalivitis N., E. Gerasopoulos, M. Vrekoussis, G. Kouvarakis, N. Kubilay, I. Vardavas, N. Hatzianasstasiou and N. Mihalopoulos, *“Dust transport over Eastern Mediterranean”*, Aerosols - Properties, Processes and Climate (APPC), Conference, Heraklion, Greece, April 2007.
46. Gerasopoulos E., C. Zerefos, N. Mihalopoulos, M. Petrakis, D. Founda, V. Psiloglou, M. Kanakidou, M. Vrekoussis, and N. Kalivitis, *“Changes in photochemistry during the 2006 solar eclipse at several locations in the Eastern Mediterranean”*, JOINT IGAC / CACGP / WMO SYMPOSIUM, Cape Town, South Africa, September 2006.
47. Kalivitis N., E. Gerasopoulos, M. Vrekoussis, G. Kouvarakis, N. Kubilay, I. Vardavas, N. Hatzianasstasiou and N. Mihalopoulos, *“Dust transport over Eastern Mediterranean inferred from remote (TOMS, AERONET) and land based measurements”*, JOINT IGAC / CACGP / WMO SYMPOSIUM, Cape Town, South Africa, September 2006.
48. M. Vrekoussis, N. Kalivitis, S. Myriokefalitakis, E. Gerasopoulos, J. Williams, J. Lelieveld, N. Mihalopoulos and M. Kanakidou, *“Nighttime occurrence of peroxy radicals in the marine boundary layer of the Eastern Mediterranean”*, JOINT IGAC / CACGP / WMO SYMPOSIUM, Cape Town, South Africa, September 2006.

49. Stock, M., A. Massling, B. Wehner, W. Birmili, A. Wiedensohler, S. Leinert, N. Kalivitis and N. Mihalopoulos, “*Hygroscopic properties of the fine and coarse Mediterranean aerosol measured on Crete in summer 2005*”, International Aerosol Conference, St. Paul, Minnesota, USA, September 2006.
50. Wehner B., M. Stock, A. Nowak, A. Massling, T. Mueller, A. Wiedensohler, W. Birmili, N. Kalivitis and N. Mihalopoulos, “*Hygroscopic and optical properties of submicrometer aerosols over the Mediterranean Sea: Results from ARIADNE 2005 on Crete, Greece*”, International Aerosol Conference, St. Paul, Minnesota, USA, September 2006.
51. Vrekoussis M., M. Kanakidou, S. Myriokefalitakis, N. Kalivitis, T. Kluepfel, J. Lelieveld and N. Mihalopoulos, “*Diel and seasonal variation of the peroxy radicals in the eastern Mediterranean boundary layer*”, First ACCENT Symposium, Urbino (Italy), September 2005.
52. Kalivitis, N., G. Kouvarakis, E. Gerasopoulos, M. Drakakis and N. Mihalopoulos, “*Ground based assessment of AERONET data for dust transport over Crete*”, First ACCENT Symposium Urbino (Italy), September 2005.
53. Myriokefalitakis, S., M. Vrekoussis, N. Kalivitis, N. Mihalopoulos, M. Kanakidou “*Factors controlling the diurnal variation of ozone in the marine boundary layer of the Eastern Mediterranean during summertime.*”, First French-German summer school at Ile d’Oleron, - France, 2004.
54. Vrekoussis, M., N. Kalivitis, N. Mihalopoulos, M. Kanakidou, T. Kluepfel, J. Lelieveld and G. Chourdakis “*Factors controlling the diurnal variation of ozone in the marine boundary layer of the Eastern Mediterranean during summertime*” Quadrennial Ozone Symposium, Kos, 2004 (Oral presentation).
55. Balis, D., A. Papayannis, N. Kalivitis, G. Chourdakis, V. Amiridis, M. Vrekoussis, N. Mihalopoulos, M. Kanakidou and G. Tsaknakis, “*Extinction of solar radiation over the east mediterranean under sahara dust influence*”, 22nd Laser Lidar Conference, Matera, Italy, 2004.

56. Kalivitis, N., M. Vrekoussis, G. Chourdakis, A. Xylouri, M. Kanakidou and N. Mihalopoulos “*Daily variability of the extinction of solar radiation by sahara dust over the east Mediterranean*”, 8th International Global Atmospheric Chemistry Conference, New Zealand, 2004.

57. Balis, D., A. Papayannis, N. Kalivitis, G. Chourdakis, V. Amoiridis, M. Vrekoussis, N. Mihalopoulos, M. Kanakidou and G. Tsaknakis, “*Extinction of solar radiation over the east Mediterranean under sahara dust influence*”, 8th International Global Atmospheric Chemistry Conference, New Zealand, 2004.

WORKSHOPS

- Workshop on Aethalometers, Leipzig, Germany, January 2019
- Nanoparticle measuring techniques workshop, Helsinki, Finland, September – October 2012
- Workshop on Absorption photometers, Leipzig, Germany, November/December 2005
- Workshop on Nanoparticle Measurement Techniques, Paul Scherrer Institute, Switzerland , January 2005
- Workshop on Integrating Nephelometers, Intercomaparison and calibration of integrating nephelometers, Leipzig, Germany, November 2003

LANGUAGE KNOWLEDGE

- Greek (mother tongue)
- English (Very good)
- German (good)

COMPUTATIONAL EXPERIENCE

- Operating Systems: Linux, Microsoft Windows
- Software: Microsoft Office (Word, Excel, PowerPoint), LaTeX, Origin, LabView
- Languages: Fortran, Python

SCHOLARSHIPS

2019: Fulbright Visiting Scholar Fellowship at Harvard T.H. Chan School of Public Health

2009: Fellowship from the Greek State Scholarship Foundation for Postdoctoral research in Greece.

2005: ACCENT fellowship for scientific research in Leipzig, Germany

2004: Marie Curie Fellowship for scientific research in Leipzig, Germany