

Curriculum Vitae

Iasonas A. Stavroulas

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Education

2010 : Degree in Physics. University of Crete, Physics Department.

2013 : Msc Diploma. University of Crete, Chemistry Department, Environmental Science and Engineering

2014 - Currently: PhD Candidate. University of Crete, Chemistry Department.

Awards - Scholarships

2015 – 2017: Fellowship for doctoral studies. State Scholarships Foundation (IKY) Fellowships of Excellence for Post-graduate Studies in Greece - Siemens Programme.

Publications

Peer Reviewed Journals

Citations: 228 h-index: 8 (Scopus, June 2019)

1. N. Kalivitis, I. Stavroulas, A. Bougiatioti, G. Kouvarakis, S. Gagné, H. Manninen, M. Kulmala, N. Mihalopoulos. **Night-time enhanced atmospheric ion concentrations in the marine boundary layer.** *Atmospheric Chemistry and Physics*, 12, 3627 – 3638, 2012.
2. A. Bougiatioti, I. Stavroulas, E. Kostenidou, P. Zarrmpas, C. Theodosi, G. Kouvarakis, F. Canonaco, A. S. H. Prévôt, A. Nenes, S. N. Pandis, and N. Mihalopoulos. **Processing of biomass-burning aerosol in the eastern Mediterranean during summertime.** *Atmospheric Chemistry and Physics*, 14, 4793 – 4807, 2014.
3. N. Kalivitis, V.-M. Kerminen, G. Kouvarakis, I. Stavroulas, A. Bougiatioti, A. Nenes, H. E. Manninen, T. Petäjä, M. Kulmala, and N. Mihalopoulos. **Atmospheric new particle formation as a source of CCN in the eastern Mediterranean marine boundary layer.** *Atmospheric Chemistry and Physics*, 15, 9203 – 9215, 2015.
4. A. Bougiatioti, S. Bezantakos, I. Stavroulas, N. Kalivitis, P. Kokkalis, G. Biskos, N. Mihalopoulos, A. Papayannis, and A. Nenes. **Biomass-burning impact on CCN number, hygroscopicity and cloud formation during summertime in the eastern Mediterranean.** *Atmospheric Chemistry and Physics*, 16, 7389 – 7409, doi : 10.5194/acp – 16 – 7389 – 2016, 2016.
5. A. Bougiatioti, P. Nikolaou, I. Stavroulas, G. Kouvarakis, R. Weber, A. Nenes, M. Kanakidou, and N. Mihalopoulos. **Particle water and pH in the eastern Mediterranean: source variability and implications for nutrient availability.** *Atmospheric Chemistry and Physics*, 16, 4579 – 4591, doi : 10.5194/acp – 16 – 4579 – 2016, 2016.
6. P. Kalkavouras, E. Bossioli, S. Bezantakos, A. Bougiatioti, N. Kalivitis, I. Stavroulas, G. Kouvarakis, A. P. Protonotariou, A. Dandou, G. Biskos, N. Mihalopoulos, A. Nenes, and M. Tombrou **New Particle Formation in the South Aegean Sea during the Etesians: importance for CCN production and cloud droplet number.** *Atmospheric Chemistry and Physics*, 17, 175 – 192, doi : 10.5194/acp – 17 – 175 – 2017, 2017.

7. L. Fournziou, E. Liakakou, I. Stavroulas, C. Theodosi, P. Zarmpas, B. Psiloglou, J. Sciare, T. Maggos, K. Bairachtari, A. Bougiatioti, E. Gerasopoulos, R. Sarda-Estève, N. Bonnaire, N. Mihalopoulos **Multi-tracer approach to characterize domestic wood burning in Athens (Greece) during wintertime.** *Atmospheric Environment*, 148, 89 – 101, doi : 10.1016/j.atmosenv.2016.10.011, 2017.
8. Michoud, V., Sciare, J., Sauvage, S., Dusanter, S., Léonardis, T., Gros, V., Kalogridis, C., Zannoni, N., Féron, A., Petit, J.-E., Crenn, V., Baisnée, D., Sarda-Estève, R., Bonnaire, N., Marchand, N., DeWitt, H. L., Pey, J., Colomb, A., Gheusi, F., Szidat, S., Stavroulas, I., Borbon, A., and Locoge, N. **Organic carbon at a remote site of the western Mediterranean Basin: sources and chemistry during the ChArMEx SOP2 field experiment.** *Atmospheric Chemistry and Physics*, 17, 8837 – 8865, <https://doi.org/10.5194/acp-17-8837-2017>, 2017.
9. Debevec, C., Sauvage, S., Gros, V., Sciare, J., Pikridas, M., Stavroulas, I., Salameh, T., Leonardis, T., Gaudion, V., Depelchin, L., Fronval, I., Sarda-Estève, R., Baisnée, D., Bonsang, B., Savvides, C., Vrekoussis, M., and Locoge, N. **Origin and variability in volatile organic compounds observed at an Eastern Mediterranean background site (Cyprus).** *Atmospheric Chemistry and Physics*, 17, 11355 – 11388, <https://doi.org/10.5194/acp-17-11355-2017>, 2017.
10. J. Schmale, S. Henning, B. Henzing, H. Keskinen, K. Sellegri, J. Ovadnevaite, A. Bougiatioti, N. Kalivitis, I. Stavroulas, A. Jefferson, M. Park, P. Schlag, A. Kristensson, Y. Iwamoto, K. Pringle, C. Reddington, P. Aalto, M. Äijälä, U. Baltensperger, J. Bialek, W. Birmili, N. Bukowiecki, M. Ehn, A. M. Fjæraa, M. Fiebig, G. Frank, R. Fröhlich, A. Frumau, M. Furuya, E. Hammer, L. Heikkinen, E. Herrmann, R. Holzinger, H. Hyono, M. Kanakidou, A. Kiendler-Scharr, K. Kinouchi, G. Kos, M. Kulmala, N. Mihalopoulos, G. Motos, A. Nenes, C. O'Dowd, M. Paramonov, T. Petäjä, D. Picard, L. Poulain, A. S. H. Prévôt, J. Slowik, A. Sonntag, E. Swietlicki, B. Svenningsson, H. Tsurumaru, A. Wiedensohler, C. Wittbom, J. A. Ogren, A. Matsuki, S. S. Yum, C. L. Myhre, K. Carslaw, F. Stratmann and M. Gysel. **Collocated observations of cloud condensation nuclei, particle size distributions, and chemical composition.** *Scientific Data*, Article number: 170003, doi : 10.1038/sdata.2017.3, 2017.
11. 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. **Long-term cloud condensation nuclei number concentration, particle number size distribution and chemical composition measurements at regionally representative observatories** *Atmospheric Chemistry and Physics*, 18, 2853 – 2881, <https://doi.org/10.5194/acp-18-2853-2018>, 2018.
12. Debevec, C., Sauvage, S., Gros, V., Sellegri, K., Sciare, J., Pikridas, M., Stavroulas, I., Leonardis, T., Gaudion, V., Depelchin, L., Fronval, I., Sarda-Estève, R., Baisnée, D., Bonsang, B., Savvides, C., Vrekoussis, M., and Locoge, N. **Driving parameters of biogenic volatile organic compounds and consequences on new particle formation observed at an Eastern Mediterranean background site** *Atmospheric Chemistry and Physics*, 18, 14297 – 14325, <https://doi.org/10.5194/acp-18-14297-2018>, 2018.
13. Katsanos, D., Bougiatioti, A., Liakakou, E., Kaskaoutis, D.G., Stavroulas, I., Lianou, M., Psiloglou, B.E., Gerasopoulos, E. and Mihalopoulos, N. **Optical Properties of Near-surface Urban Aerosols and their Chemical Tracing in a Mediterranean City (Athens)** *Aerosol and Air Quality Research*, 19, 49 – 70, <https://doi.org/10.4209/aaqr.2017.11.0544>, 2019.
14. Stavroulas, I., Bougiatioti, A., Grivas, G., Paraskevopoulou, D., Tsagkaraki, M., Zarmpas, P., Liakakou, E., Gerasopoulos, E. and Mihalopoulos, N. **Sources and processes that control the submicron organic aerosol composition in an urban Mediterranean environment (Athens): a high temporal-resolution chemical composition measurement study** *Atmospheric Chemistry and Physics*, 19, 901 – 919, <https://doi.org/10.5194/acp-19-901-2019>, 2019.
15. 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. **Formation and growth of atmospheric nanoparticles in the eastern Mediterranean: results from long-term measurements and process simulations** *Atmospheric Chemistry and Physics*, 19, 2671 – 2686, <https://doi.org/10.5194/acp-19-2671-2019>, 2019.
16. Paraskevopoulou, D., Bougiatioti, A., Stavroulas, I., Fang, T., Lianou, M., Liakakou, E., Gerasopoulos, E., Weber, R., Nenes, A. and Mihalopoulos, N. **Yearlong variability of oxidative potential of particulate matter in an urban Mediterranean environment** *Atmospheric Environment*, 206, 183 – 196, <https://doi.org/10.1016/j.atmosenv.2019.02.027>, 2019.

17. Kalkavouras, P., Bougiatioti, A., Kalivitis, N., Stavroulas, I., Tombrou, M., Nenes, A., and Mihalopoulos, N. **Regional new particle formation as modulators of cloud condensation nuclei and cloud droplet number in the eastern Mediterranean** *Atmospheric Chemistry and Physics*, 19, 6185 – 6203, <https://doi.org/10.5194/acp-19-6185-2019>, 2019.
18. Freney, E., Zhang, Y., Croteau, P., Amodeo, T., Williams, L., Truong, F., Petit, J.-E., Sciare, J., Sarda-Esteve, R., Bonnaire, N., Arumae, T., Aurela, M., Bougiatioti, A., Mihalopoulos, N., Coz, E., Artinano, B., Crenn, V., Elste, T., Heikkinen, L., Poulain, L., Wiedensohler, A., Herrmann, H., Priestman, M., Alastuey, A., Stavroulas, I., Tobler, A., Vasilescu, J., Zanca, N., Canagaratna, M., Carbone, C., Flentje, H., Green, D., Maasikmets, M., Marmureanu, L., Minguillon, M.C., Prévôt, A.S.H., Gros, V., Jayne, J. and Favez, O. **The second ACTRIS inter-comparison (2016) for Aerosol Chemical Speciation Monitors (ACSM): Calibration protocols and instrument performance evaluations** *Aerosol Science and Technology*, 53 : 7, 830 – 842, <https://doi.org/10.1080/02786826.2019.1608901>, 2019.
19. Vratolis, S., Gini, M., Bezantakos, S., Stavroulas, I., Kalivitis, N., Kostenidou, E., Louvaris, E., Siakavaras, D., Biskos, G., Mihalopoulos, N., Pandis, S. N., Pilinis, C., Papayannis, A. and Eleftheriadis K. **Particle number size distribution statistics at City-Centre Urban Background, urban background, and remote stations in Greece during summer.** *Atmospheric Environment*, In Press, <https://doi.org/10.1016/j.atmosenv.2019.05.064>, 2019.
20. Tsiflikiotou, M. A., Kostenidou, E., Papanastasiou, D. K., Patoulas, D., Zarmpas, P., Paraskevopoulou, D., Diapouli, E., Kaltsonoudis, C., Florou, K., Bougiatioti, A., Stavroulas, I., Theodosi, C., Kouvarakis, G., Vasilatou, V., Siakavaras, D., Biskos, G., Pilinis, C., Eleftheriadis, K., Gerasopoulos, E., Mihalopoulos, N. and Pandis, S. N. **Summertime particulate matter and its composition in Greece.** *Atmospheric Environment*, In Press, <https://doi.org/10.1016/j.atmosenv.2019.06.013>, 2019.
21. Pikridas, M., Bezantakos, S., Močnik, G., Keleshis, C., Brechtel, F., Stavroulas, I., Demetriades, G., Antoniou, P., Vouterakos, P., Argyrides, M., Liakakou, E., Drinovec, L., Marinou, E., Amiridis, V., Vrekoussis, M., Mihalopoulos, N., and Sciare, J. **On-flight intercomparison of three miniature aerosol absorption sensors using Unmanned Aerial Systems (UAS).** *Atmospheric Measurement Techniques Discussions*, In Review, <https://doi.org/10.5194/amt-2019-191>, 2019.

International Conferences

1. N. Kalivitis, I. Stavroulas, A. Bougiatioti, G. Kouvarakis, S. Gagné, H. E. Manninen, M. Kulmala, A. Wiedensohler, N. Mihalopoulos. **Atmospheric nucleation in the eastern Mediterranean marine boundary layer.** *11th Science Conference of the International Global Atmospheric Chemistry project 2010*
2. N. Kalivitis, I. Stavroulas, S. Gagné, H. E. Manninen, M. Kulmala, N. Mihalopoulos. **Night-time nucleation of atmospheric particles in the marine boundary layer.** In *International Aerosol Conference 2010*.
3. A. Bougiatioti, P. Zarmpas, C. Theodosi, I. Stavroulas, G. Kouvarakis, F. Canonaco, A.S.H. Prévôt, S. N. Pandis, and N. Mihalopoulos. **High temporal resolution measurements of biomass burning events during summertime in the Eastern Mediterranean.** *European Geosciences Union General Assembly 2013*.
4. N. Kalivitis, V.-M. Kerminen, G. Kouvarakis, I. Stavroulas, A. Bougiatioti, A. Nenes, H.E. Manninen, T. Petäjä, M. Kulmala and N. Mihalopoulos. **A case of CCN formation associated with atmospheric nucleation in eastern Mediterranean.** *European Aerosol Conference 2013*
5. S. Vratolis, M. Gini, D. Siakavaras, S. Bezantakos, I. Stavroulas, N. Kalivitis, E. Kostenidou, E. Louvaris, G. Biskos, N. Mihalopoulos, S. Pandis, C. Pilinis, K. Eleftheriadis. **Particle Number Size Distribution Statistics at Urban and Suburban Background and Remote Sites in Greece during Summer.** *European Aerosol Conference 2013*
6. S. Bezantakos, A. Bougiatioti, I. Stavroulas, K. Eleftheriadis, N. Mihalopoulos, A. Nenes, S. Pandis, G. Biskos. **Hygroscopic Properties and Mixing State of Ultrafine Aerosol Particles over the Eastern Mediterranean Background Site of Finokalia.** *European Aerosol Conference 2013*
7. A. Bougiatioti, S. Bezantakos, I. Stavroulas, G. Biskos, N. Mihalopoulos and A. Nenes. **Contribution of biomass**

- burning to CCN number and hygroscopicity during summertime in the Eastern Mediterranean.** *American Association for Aerosol Research 32nd Annual Conference, 2013*
8. I. Stavroulas, L. Fournziou, Bougiatioti A., Zampas P., Psiloglou B., Liakakou E., Gerasopoulos E., Sciare J. and Mihalopoulos N. **Source apportionment of organic submicron aerosols during wintertime over the Athens metropolitan area. Wood combustion contribution.** *13th International Global Atmospheric Chemistry Science Conference 2014*
 9. A. Bougiatioti, I. Stavroulas, E. Kostenidou, F. Canonaco, A.S.H. Prévôt, S. N. Pandis and N. Mihalopoulos. **Sources, seasonal variability and oxidation state of organic aerosol in the Eastern Mediterranean.** *13th International Global Atmospheric Chemistry Science Conference 2014*
 10. A. Bougiatioti, I. Stavroulas, E. Kostenidou, F. Canonaco, S. N. Pandis, A. Nenes and N. Mihalopoulos. **Contribution of biomass burning to the total organic aerosol in the Eastern Mediterranean.** *American Association for Aerosol Research 33rd Annual Conference, 2014*
 11. I. Stavroulas, L. Fournziou, P. Zampas, A. Bougiatioti, E. Liakakou, J. Sciare, N. Mihalopoulos. **Contribution of wood combustion in winter submicron ambient aerosols over Athens.** *European Geosciences Union General Assembly, 2014*
 12. N. Kalivitis, G. Kouvarakis, A. Bougiatioti, I. Stavroulas, A. Wiedensohler and N. Mihalopoulos. **Five-years of atmospheric aerosol number size distribution measurements in Eastern Mediterranean.** *European Geosciences Union General Assembly, 2014*
 13. Gerasopoulos E., Liakakou E., Psiloglou V., Stavroulas J., Fournziou L., Roukounakis N., Lianou M., Kappos N., Zarbas P., Kambezidis H., Mihalopoulos N. **Smog events over Athens during winter 2013-2014: Pollution measurements and chemical characterization.** *European Geosciences Union General Assembly, 2014*
 14. Liakakou E., Stavroulas J., Roukounakis N., Paraskevopoulou D., Psiloglou V., Gerasopoulos E., Mihalopoulos N. **Black carbon measurements during winter 2013-2014 in Athens and intercomparison between different techniques.** *European Geosciences Union General Assembly, 2014*
 15. A. Bougiatioti, D. Paraskevopoulou, L. Fournziou, I. Stavroulas, G. Kouvarakis, S. Vratolis, V. Psiloglou, A. Nenes, K. Eleftheriadis, G. Kallos, and N. Mihalopoulos. **CCN in an urban and remote location during wintertime: The role of biomass burning.** *European Aerosol Conference, 2015*
 16. P. Nikolaou, A. Bougiatioti, I. Stavroulas, A. Nenes, N. Mihalopoulos and M. Kanakidou. **Water content and pH of Aerosols over the Eastern Mediterranean.** *European Aerosol Conference, 2015*
 17. I. Stavroulas, A. Bougiatioti, G. Kouvarakis, N. Kalivitis, P. Zampas, C. Theodosi, P. Nicolaou and N. Mihalopoulos. **Long-term monitoring of PM₁ chemical composition over the Eastern Mediterranean.** *European Aerosol Conference, 2015*
 18. N. Kalivitis, G. Kouvarakis, A. Bougiatioti, I. Stavroulas, E. Tzitzikalaki, H.E. Manninen, M. Kulmala, V.-M. Kerminen and N. Mihalopoulos. **Long-term observations of new particle formation in Eastern Mediterranean atmosphere.** *European Geosciences Union General Assembly, 2015*
 19. N. Kalivitis, G. Kouvarakis, I. Stavroulas, M. Kandilogiannaki, K. Vavadaki, N. Mihalopoulos. **Sources of atmospheric aerosols controlling PM₁₀ levels in Heraklion, Crete during winter time.** *European Geosciences Union General Assembly, 2016*
 20. A. Bougiatioti, P. Nikolaou, I. Stavroulas, G. Kouvarakis, A. Nenes, R. Weber, M. Kanakidou and N. Mihalopoulos. **Fine particle water and pH in the Eastern Mediterranean: Sources, variability and implications for nutrients availability.** *European Geosciences Union General Assembly, 2016*
 21. I. Stavroulas, M. Pikridas, C. Savvides, M. Vrekoussis, N. Mihalopoulos, V. Gros, J. Sciare. **Seasonality of the chemical composition of PM₁ over Cyprus using near real-time measurements. Sources and geographic origins.** *European Aerosol Conference, 2016*

22. E. Liakakou, E. Gerasopoulos, M. Lianou, C. Theodosi, D. Paraskevopoulou, I. Stavroulas, A. Bougiatioti, L. Furtziou, P. Zarnmpas, B. Psiloglou, J. Sciare, N. Mihalopoulos. **Urban background aerosol monitoring (Athens center) with emphasis on biomass burning processes during winter-time and implications on air quality.** *European Aerosol Conference, 2016*
23. A. Bougiatioti, D. Paraskevopoulou, I. Stavroulas, L. Fourtziou, A. Nenes, N. Mihalopoulos. **Particle water and pH in the city of Athens during wintertime and the role of biomass burning.** *European Aerosol Conference, 2016*
24. D. Baisnée, R. Sarda-Estève, F. Fenaille, M. Thang Le, J. Sciare, Iasonas Stavroulas, Michel Thibaudon, Marc Peyraut, Christophe Bossuet. **Fine Variability of Pollens, Fungal Spores and Bacteria during Spring 2016 in Cyprus Island.** *American Association for Aerosol Research 35th Annual Conference, 2016*
25. L. Williams, A. Lambe, P. Croteau, J. Jayne, E. Freney, T. Amodeo, M. Cubison, J. Schmale, H. Timonen, L. Poulain, I. Stavroulas, A. Eriksson, S. Ausmeel, F. Truong, Y. Zhang, A. Marpillat, V. Crenn, E. Tison, V. Riffault, O. Favez, V. Gros, D. Worsnop. **Characterization of Multiple ACSMs Using Laboratory Secondary Organic Aerosol Generated with a Potential Aerosol Mass Oxidation Flow Reactor.** *American Association for Aerosol Research 35th Annual Conference, 2016*
26. I. Stavroulas , M. Pikridas, K. Oikonomou, E. Vasiliadou, C. Savvides, M. Vrekoussis, N. Mihalopoulos, V. Gros, J. Sciare. **Two year-long continuous monitoring of PM₁ aerosol chemical composition at the Cyprus Atmospheric Observatory. Source apportionment of the organic content and geographic origins.** *European Geosciences Union General Assembly, 2017*
27. A. Bougiatioti, A. Nenes, D. Paraskevopoulou, L. Fourtziou, I. Stavroulas, E. Liakakou, S. Myriokefalitakis, N. Daskalakis, R. Weber, M. Kanakidou, E. Gerasopoulos, N. Mihalopoulos. **Biomass burning and its effects on fine aerosol acidity , water content and nitrogen partitioning.** *European Geosciences Union General Assembly, 2017*
28. H.-C. Clemen, J. Schneider, F. Köllner, T. Klimach, M. Pikridas, I. Stavroulas, J. Sciare, S. Borrmann. **Single particle analysis of Eastern Mediterranean aerosol particles: Influence of the source region on the chemical composition.** *European Geosciences Union General Assembly, 2017*
29. A. Bougiatioti, D. Paraskevopoulou, I. Stavroulas, R. Weber, A. Nenes, M. Kanakidou, N. Mihalopoulos. **The effects of biomass burning on fine aerosol acidity, water content and nitrogen partitioning.** *European Aerosol Conference, 2017*
30. M. Rigler, L. Drinovec, A. Vlachou, G. Stefenelli, J. G. Slowik, A.S.H. Prévôt, A.D.A Hansen, I. Stavroulas, J. Sciare, G. Močnik. **A new instrument and method for the speciation of carbonaceous aerosols.** *American Association for Aerosol Research 36th Annual Conference, 2017*
31. A. Bougiatioti, D. Paraskevopoulou, I. Stavroulas, S. Myriokefalitakis, N. Daskalakis, R. J. Weber, M. Kanakidou, N. Mihalopoulos, A. Nenes. **The impact of biomass burning on fine aerosol acidity, water content and nitrogen partitioning.** *American Association for Aerosol Research 36th Annual Conference, 2017*
32. E. Marinou, V. Amiridis, A. Ansmann, A. Nenes, D. Balis, J. Schrod, I. Biniotoglou, S. Solomos, D. Mamali, R. Engelmann, H. Baars, M. Kottas, A. Tsekeri, E. Proestakis, P. Kokkalis, P. Goloub, B. Cvetkovic, S. Nichovic, R. Mamouri, M. Pikridas, I. Stavroulas, C. Keleshis, J. Sciare. **Lidar Ice nuclei estimates and how they relate with airborne in-situ measurements.** *The European Physical Journal Conferences 176 : 05018, 2018*
33. A. Tsekeri, V. Amiridis, A. Lopatin, E. Marinou, E. Giannakaki, M. Pikridas, J. Sciare, E. Liakakou, E. Gerasopoulos, S. Duesing, J. C. Corbin, M. Gysel, N. Bukowiecki, H. Baars, R. Engelmann, B. Wehner, M. Kottas, D. Mamali, P. Kokkalis, P. I. Raptis, I. Stavroulas, C. Keleshis, D. Müller, S. Solomos, I. Biniotoglou, N. Mihalopoulos, A. Papayannis, I. S. Stachlewska, J. Igloffstein, U. Wandinger, A. Ansmann, O. Dubovik, P. Goloub. **Aerosol absorption profiling from the synergy of lidar and sun-photometry: the ACTRIS-2 campaigns in Germany, Greece and Cyprus.** *The European Physical Journal Conferences 176(42) : 08005, 2018*
34. A. Bougiatioti, I. Stavroulas, D. Paraskevopoulou, G. Grivas, P. Zarnmpas, E. Liakakou, E. Gerasopoulos, N. Mihalopoulos. **Source Apportionment and Variability of Submicron Organic Aerosol from Year-long Near Real-time**

Measurements Over an Urban Mediterranean Area. *International Aerosol Conference, 2018*

35. L. Drinovec, B. Višić, M. Remškar, I. Stavroulas, M. Pikridas, F. Unga, J. Sciare, G. Močnik. **New method for on-line determination of mineral dust concentration.** *European Aerosol Conference, 2019*
36. D. Paraskevopoulou, A. Bougiatioti, I. Stavroulas, M. Tsagaraki, A. Nenes and N. Mihalopoulos. **Wintertime oxidative potential and optical properties of brown carbon in atmospheric aerosol.** *European Aerosol Conference, 2019*
37. A. Bougiatioti, I. Stavroulas, D. Paraskevopoulou, G. Grivas, E. Liakakou, E. Gerasopoulos and N. Mihalopoulos. **"Fat Thursday" (Tsiknopempti) as an important source of Organic Aerosol in the urban environment of Athens.** *European Aerosol Conference, 2019*
38. I. Stavroulas, E. Liakakou, G. Grivas, N. Mihalopoulos and E. Gerasopoulos. **Characterization of atmospheric pollution at the major Greek port city of Piraeus.** *European Aerosol Conference, 2019*

Monographs

New Particle Formation in the Eastern Mediterranean Atmosphere. Diploma Thesis for the Physics Department supervised by Prof. N. Mihalopoulos of the Chemistry Department of the University of Crete (2010).

Particle Size Distributions in the Eastern Mediterranean Atmosphere. Masters Thesis supervised by Prof. Nikolaos Mihalopoulos (2013).

Working Experience

Positions

February 2012 - September 2015 : Research Fellow. University of Aegean. Department of Environment

February 2016 - currently: Research Assistant. The Cyprus Institute. Energy, Environment and Water Research Center.

June 2018 - currently: Research Associate. National Observatory of Athens. Institute for Environmental Research and Sustainable Development.

Projects

Thales SO-PHY-PRO-CLIM-GR. Determination of the Sources and the Physicochemical Properties of Fine and Ultrafine Aerosol Particles that affect the Regional Climate of Greece (15/09/2012 – 14/09/2015), Funding: European Social Fund and National Strategic Reference Framework , Contractor: University Of Aegean, Scientific Coordinator: C. Pilinis.

BACCHUS - Impact of Biogenic versus Anthropogenic emissions on Clouds and Climate: towards a Holistic Understanding (01/02/2016 – 31/01/2017), Funding: *EU – FP7*, project number 603445, Contractor: The Cyprus institute, Scientific Coordinator: N. Mihalopoulos.

ACTRIS 2 - Aerosols, Clouds, and Trace gases Research InfraStructure Network (01/02/2017 – *currently*), Funding: *H2020 – INFRAIA – 2014 – 2015*, Contractor: The Cyprus Institute, Scientific Coordinator: J.Sciare.

ERA-PLANET/SMURBS- SMart URBan Solutions for air quality, disasters and city growth (01/09/2017 – *currently*), Funding: Horizon 2020 (H2020) SC5 – 15 – 2015 under the ERA-PLANET grant agreement no 689443, Contractor: National Observatory of Athens, Scientific Coordinator: E. Gerasopoulos.

Teaching Experience

September 2013 - December 2013. Teaching assistant. Laboratories of Physical Chemistry I. Department of Chemistry. University of Crete.

January 2015 - May 2015. Teaching assistant. Laboratories of Physical Chemistry II. Department of Chemistry. University of Crete.

September 2015 - December 2015. Teaching assistant. Laboratories of Physical Chemistry I. Department of Chemistry. University of Crete.

Field Experience

During field work, mainly at the atmospheric monitoring station at Finokalia, at the Cyprus Atmospheric Observatory and various field campaigns, I have gained expertise in operating several atmospheric monitoring instruments, such as:

Aerodyne Aerosol Chemical Speciation Monitor (ACSM), Scanning Mobility Particle Sizer (SMPS), ESA's LR-211-UV-D40 Four Channel Raman Lidar, Air Ion Spectrometer (AIS), Cloud Condensation Nuclei Counter (CCNc), Multi Angle Absorption Photometer (MAAP), Magee Scientific Aethalometer (AE-31, AE-33, AE-42), Nephelometer (TSI, Ecotech), Beta Gauge Continuous Ambient Particulate Monitor, FH62C14, Thermo TEOM 1400, Aerosol size distribution monitors (TSI APS, Grimm OPC), Various Gas monitors

Workshops - Seminars

ACTRIS intercomparison workshop for mobility particle size spectrometers and condensation particle counters, Leibniz Institute of Tropospheric Research, 16 – 20 September 2013, Leipzig, Germany

PSI SoFi Workshop, Paul Scherer Institute, 9 – 11 December 2013, Bad Zurzach, Switzerland

PSI SoFi Workshop, Paul Scherer Institute, 9 – 12 February 2015, Bad Zurzach, Switzerland

ACTRIS 2 ACSM Intercomparison Workshop, ACMCC, LSCE, CEA-CNRS, 7 – 11 March 2016, Paris, France

COST Action CA16109 COLOSSAL, Training School on Black and Brown Carbon, 15 – 17 January 2018, Ljubljana

COST Action CA16109 COLOSSAL, Training School on ToF-ACSM, 12 – 14 February 2018, Prague

COST Action CA16109 COLOSSAL, Training School on source apportionment of organic aerosol, 15 – 17 February 2018, Prague

Languages

Greek. Native

French. Basic

English. Fluent

Computers and Data Analysis

Operating Systems : MS Windows, Linux

Programming : Fortran 77, Java SE

Software : Mathworks Matlab, Wavemetrics Igor Pro, L^AT_EX, MS Office

Miscellaneous

Driving License (Category B')