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Personal Data

Place of birth: Xanthi, Greece
Date of birth: July 4th, 1977
Sex: Female
Citizenship: Greek

Academic Qualifications

- **2004-2007** PhD in Meteorology, Climatology & Physics of the Atmospheric Environment (Laboratory of Meteorology, Department of Physics, University of Ioannina, Greece).
PhD Thesis: Dispersion modelling of air pollutants in the lower troposphere based on meteorological and pollutant parameters.
- **2001-2003** MSc (Hons) in Meteorology & Climatology (Laboratory of Meteorology, Department of Physics, University of Ioannina, Greece).
Dissertation: "Comparison of air pollutant concentrations between weekdays and weekends in Athens, Greece for various meteorological conditions".
- **1995-2000** Degree in Physics (Department of Physics, University of Ioannina, Greece).
- **1994** Proficiency in English (University of Cambridge, Local Examination Syndicate).

International Training

4 - 8 July 2019: "Geospatial Analysis and Modelling of Environmental Dynamics", Department of Planning and Environmental Policy, School of Architecture, University College Dublin, Dublin, Ireland. Erasmus+ Staff Mobility for Training Program.

26 - 30 May 2018: "Heat-related mortality for current and future climate scenarios: Methods and Challenges", Institute of Occupational Medicine (IOM), Edinburgh, UK. Erasmus+ Staff Mobility for Training Program.

22 - 26 May 2017: "Synoptic climatological analysis of climate-related extreme health events: Methods and challenges", Department of Geography, Durham University, UK. Erasmus+ Staff Mobility for Training Program.

29 August - 2 September 2016: “The synergy of extreme weather and atmospheric pollution on public health and their importance on regulatory decisions”, Institute for Environment and Sustainability (IES), Joint Research Center (JRC), European Commission, Ispra, Italy. Erasmus+ Staff Mobility for Training Program.

21 - 25 September 2015: “The impact of soil-sealing to the atmospheric environment”, Department of Civil Engineering, School of Engineering and Applied Sciences, Frederick University, Nicosia, Cyprus. Erasmus+ Staff Mobility for Training Program.

16 - 27 June 2008: “Atmospheric Boundary Layers: Concepts, Observations and Numerical Simulations”, Université Joseph Fourier, Ecole de Physique, Les Houches, France.

Work Experience

- **May 2021 – today:** Associate Professor in Meteorology-Atmospheric Pollution in the Department of Forestry and Management of the Environment and Natural Resources, Democritus University of Thrace, Greece.
- **May 2016 – October 2021:** Assistant Professor in Meteorology-Atmospheric Pollution in the Department of Forestry and Management of the Environment and Natural Resources, Democritus University of Thrace, Greece.
- **October 2016 – today:** Collaborating Professor (SEP member) in the Hellenic Open University, Greece, in the MSc Program “Waste Management: Management of Air Pollutants”.
- **July 2014 – May 2016:** Lecturer in Meteorology-Atmospheric Pollution in the Department of Forestry and Management of the Environment and Natural Resources, Democritus University of Thrace, Greece.
- **May 2011 – May 2013:** Post-Doctoral Research Fellow in the Department of Environmental Engineering, Democritus University of Thrace, Greece.
- **January 2008 – October 2008:** Post-Doctoral Research Fellow in the Department of Civil and Environmental Engineering, University of Cyprus, Republic of Cyprus.
- **November 2004 – June 2013:** Contractor Lecturer (407) in the Democritus University of Thrace (Department of Agricultural Development and Department of Forestry and Management of the Environment and Natural Resources, Democritus University of Thrace, Greece).

Invited Speeches

- **26-27 April 2018:** Invited Lecturer at the Institute of Environmental Medicine, UNIKA-T, Technical University of Munich, Germany.
- **9-10 May 2019:** Invited Lecturer at the Department of Meteorological Engineering, Faculty of Aeronautics and Astronautics, Istanbul Technical University, Turkey.
- **3 October 2008:** Invited Lecturer in the Research Seminar Series of the Department of Civil and Environmental Engineering, University of Cyprus, Republic of Cyprus.

Academic Distinctions

- **Associate Editor** in the scientific journal “Science of the Total Environment” (ELSEVIER Publications).
- **Member of the Editorial Board** in the scientific journal “Heliyon (Cell Press).
- **Member of the Editorial Board** in the scientific journal “Sustainability” (MDPI Publications).
- **Guest Editor** of the Special Issue “Pollution in living and working environments, climate variability, and their impact on non-communicable disease burden” in the scientific journal Science of the Total Environment, ELSEVIER PUBLICATIONS (in press).
- **Track-chair** for the theme “Emerging Environmental Systems and Applications” in the IEEE MELECON-2016 “Intelligent and Efficient Technologies and Services for the Citizen” Conference.
- **Member of the IBM Academic Initiative Program** since 2015.
- **Distinction MSc scholarship** by the Greek State Scholarships Foundation (IKY) for two successive academic years (2001-2002 and 2002-2003)

Selected Research Projects

1. **EU LIFE-STEMMA**: Strategical Environmental Management of Mt Athos in light of climate change. Funding: European Union's LIFE programme.
Role in the Project: Member of the research group.
2. **EU LIFE-ATIAS**: Addressing the threat of invasive alien species in northern Greece, using early warning and information systems for mammals. Funding: European Union's LIFE programme.
Role in the Project: Member of the research group.
3. **EU Regional Excellence Action - KEDIAK**: “Risk and Resilience Assessment Center for the Infrastructure of Eastern Macedonia and Thrace Prefecture”.
Role in the project: Leader of the Group “Air pollution and Meteorology”.
4. **Climate Change Adaptation study for the Athens International Airport**. Funding: Athens International Airport.
Role in the Project: Member of the research group.
5. **EU-LIFE MEDEA (LIFE16 CCA/CY/000041)**: “Mitigating the health effects of desert dust storms using exposure-reduction approaches”. Project Partners: University of Cyprus, University of Crete (Greece), Soroka University Medical Centre (Israel), Cyprus University of Technology, E.N.A Consulting, Cyprus Department of Meteorology, Cyprus Department of Labor Inspections, Cyprus Broadcasting Corporation, University of the Negev (Israel). Funding: European Union's LIFE programme.
Role in the project: Member of the Advisory Board.

6. **CY-PHEWE (ΥΓΕΙΑ/ΔΥΓΕΙΑ/0609/BIE/20)**: “Climate change and public health: Assessment of the effects of extreme weather and development of innovative prevention and mitigation strategies”. Cyprus National Framework Program for Research, Technological Development and Innovation 2009-2010. Funded by the EU Regional Development Fund and the Republic of Cyprus.
Role in the Project: Group Leader of the WG “Meteorology and Air Pollution”.
7. **COST Action CA15129** - Diagnosis, Monitoring and Prevention of Exposure-Related Noncommunicable Diseases (DiMoPEX).
Role in the Project: Managing Committee Member, Member of WG “Environmental and Occupational Epidemiology”.
8. **COST Action CA16233** - Drylands facing change: Interdisciplinary research on climate change, food insecurity, political instability.
Role in the Project: Managing Committee Member, Member of WG1 “The climate-food security-population nexus”.
9. **COST Action CA20108** - Fair Network of Micrometeorological Measurements.
Role in the Project: Managing Committee Member, Member of WG2 “Development and Implementation”.
10. **CLEANAIR (ERYDI/0205/207)**: “Air Pollution Dispersion and Air Quality Control in Urban Areas in Cyprus”. Cyprus National Framework Program for Research and Technological Development 2003-2005. Pillar: Research Infrastructures. Action: Research Infrastructures Networks. Funded by: Cyprus Research Promotion Foundation.
Role in the Project: Post-Doctoral Research Fellow.
11. **CyRomanAir (CYROM/0407/14)**: “Joint Cypriot-Romanian Air Pollution Dispersion Research Studies for EU Harmonisation”. Funded by: Cyprus Research Promotion Foundation.
Role in the Project: Post-Doctoral Research Fellow.
12. **European Commission Mobility Programme (EL/2006/PL/104)**: “**Leonardo da Vinci**” Action 2006, Coordinated by the University of Ioannina, Greece.
Role in the Project: Post-Doctoral Research Fellow (placement in the Laboratory of Fluid Mechanics – University of Cyprus).

Publications in Peer-Reviewed Journals (in chronological order)

1. Paschalidou A.K., Kassomenos P.A. (2004): Comparison of air pollutant concentrations between weekdays and weekends in Athens, Greece for various meteorological conditions. ***Environmental Technology, 25, 1241-1255, 2004.***
2. Iliadis L.S., Spartalis S., Paschalidou A.K., Kassomenos P. (2007): Artificial Neural Network Modelling of the surface Ozone Concentration. ***International Journal of Computational and Applied Mathematics, 2, Issue 2, 125-138, 2007.***
3. Paschalidou A.K. (2009): Adaptation of the BOXURB model in a southeastern European Environment. The case of Athens. ***Environmental Monitoring & Assessment, 158 (1-4), 265-278, 2009.***

4. Paschalidou A.K., Kassomenos P.A. (2009): On the evaluation of box model results. The case of BOXURB model. ***Environmental Monitoring & Assessment***, **155 (1-4)**, 103-118, 2009.
5. Paschalidou A.K., Kassomenos P.A., Bartzokas A. (2009): A comparative study on various statistical techniques predicting ozone concentrations: Implications to environmental management. ***Environmental Monitoring & Assessment***, **148 (1-4)**, 277-289, 2009.
6. Paschalidou A.K., Karakitsios S., Kleanthous S., Kassomenos P.A. (2011): Forecasting hourly PM₁₀ concentrations in Cyprus through Artificial Neural Networks and Multiple Regression Models: Implications to local Environmental Management. ***Environmental Science and Pollution Research***, **18**, 316-327.
7. Kassomenos P., Kelessis A., Paschalidou A.K., Petrakakis M. (2011): Identification of sources and processes affecting particulate pollution in Thessaloniki, Greece. ***Atmospheric Environment***, **45**, 7293-7300.
8. Kassomenos P., Kelessis A., Petrakakis M., Zoumakis N., Christides T., Paschalidou A.K. (2012): Air Quality assessment in a heavily-polluted urban Mediterranean environment through Air Quality indices. ***Ecological Indicators***, **18**, 259-268.
9. Kassomenos P.A., Paschalidou A.K., Vlachogianni A. (2013): One-day-ahead prediction of maximum carbon monoxide concentration in urban environments. ***Stochastic Environmental Research and Risk Assessment***, **27(2)**, 561-572.
10. Papadopoulos A., Paschalidou A.K., Kassomenos P.A., McGregor G. (2013): Investigating the relationship of meteorological/climatological conditions and wildfires in Greece. ***Theoretical and Applied Climatology***, **112 (1-2)**, 113-126.
11. Kassomenos P.A., Dimitriou K., Paschalidou A. (2013): Human health damage caused by particulate matter PM₁₀ and ozone in urban environments: The case of Athens, Greece. ***Environmental Monitoring and Assessment***, **185 (8)**, 6933-6942.
12. Dimitriou K., Kassomenos P.A., Paschalidou A.K. (2013): Assessing air quality with regards to its effect on human health in the European Union through air quality indices. ***Ecological Indicators***, **27**, 108-115.
13. Papadopoulos A., Paschalidou A.K., Kassomenos P.A., McGregor G. (2014): On the association between synoptic circulation and wildfires in the Eastern Mediterranean, ***Theoretical and Applied Climatology***, **115(3-4)**, 483-501.
14. Kassomenos P.A., Vardoulakis S., Chaloulakou A., Paschalidou A.K., Grivas G., Borge R., Lumbreras J. (2014): Study of PM₁₀ and PM_{2.5} levels in three European cities: Analysis of intra and inter urban variations. ***Atmospheric Environment*** **87**, 153-163.
15. Kassomenos P.A., Paschalidou A.K., Lykoudis S., Koletsis I. (2014): Temperature Inversion characteristics in relation to synoptic circulation above Athens, Greece. ***Environmental Monitoring and Assessment***, **186(6)**, 3495-3502.
16. Tsangari H., Paschalidou A., Vardoulakis S., Heaviside C., Konsoula Z., Christou S., Georgiou K.E., Ioannou K., Mesimeris T., Kleanthous S., Pashiardis S., Pavlou P., Kassomenos P., Yamasaki E.N. (2016): Human mortality in Cyprus: the role of temperature and particulate air pollution. ***Regional Environmental Change***, **16(7)**, 1905-1913.

17. Paschalidou A.K., Kassomenos P.A., Karanikola P. (2015): Disaggregating the contribution of local dispersion and long-range transport to the high PM₁₀ values measured in a Mediterranean urban environment. ***Science of the Total Environment*, 527-528, 119-125.**
18. Paschalidou A.K., Kassomenos P.A. (2016): What are the most fire-dangerous atmospheric circulations in the Eastern-Mediterranean? Analysis of the synoptic wildfire climatology. ***Science of the Total Environment*, 539, 536-545.**
19. Dimitriou K., McGregor G., Kassomenos P., Paschalidou A. (2016): Exploring winter mortality variability in five regions of England, using back trajectory analysis. ***Earth Interactions*, 20 (1), doi:10.1175/EI-D-15-0012.1.**
20. Tsangari H., Paschalidou A.K., Kassomenos P.A., Vardoulakis S., Heaviside C., Georgiou K.E., Yamasaki E.N. (2016): Extreme weather and air pollution effects on cardiovascular and respiratory hospital admissions in Cyprus. ***Science of the Total Environment*, 542, 247-253, doi: 10.1016/j.scitotenv.2015.10.106.**
21. Paschalidou A.K., Kassomenos P.A., Kelessis A. (2016): Tracking the association between metro-railway construction works and PM levels in an urban Mediterranean environment. ***Science of the Total Environment*, 568, 1326-1332.**
22. Heaviside C., Tsangari H., Paschalidou A., Vardoulakis S., Kassomenos P., Georgiou K.E., Yamasaki E.N. (2016): Heat-related mortality in Cyprus for current and future climate scenarios. ***Science of the Total Environment*, 569-570, 627-633.**
23. Dimitriou K., Paschalidou A.K., Kassomenos P.A. (2017): Distinct synoptic patterns and air masses responsible for long-range desert dust transport and sea spray in Palermo, Italy. ***Theoretical and Applied Climatology*, 130(3-4), 1123-1132.**
24. Paschalidou A.K., Kassomenos P.A., McGregor G.R. (2017): Analysis of the synoptic winter mortality climatology in five regions of England: Searching for evidence of weather signals. ***Science of the Total Environment*, 598, 432-444.**
25. Kouis P., Kakkoura M., Ziogas K., Paschalidou A.K., Papatheodorou S.I. (2019): The effect of ambient air temperature on cardiovascular and respiratory mortality in Thessaloniki, Greece, ***Science of the Total Environment*, 647, 1351-1358.**
26. Vlastos D., Antonopoulou M., Lavranou A., Efthimioua I., Dailianis S., Hela D., Lambropoulou D., Paschalidou A.K., Kassomenos P. (2019): Assessment of the toxic potential of rainwater precipitation: First evidence from a case study in three Greek cities, ***Science of the Total Environment*, 648, 1323–1332.**
27. Kapsi M., Tsoutsi C., Paschalidou A., Albanis T. (2019): Environmental monitoring and risk assessment of pesticide residues in surface waters of the Louros River (N.W. Greece), ***Science of the Total Environment*, 650, 2188–2198.**
28. Paschalidou A.K., Kassomenos P., Chonianaki F. (2019): Strategic Noise Maps and Action Plans for the reduction of population exposure in a Mediterranean port city, ***Science of the Total Environment*, 654, 144–153.**
29. Budnik L.T., Casteleyn L., Paschalidou A.K., Kassomenos P. (2019): Pollution in living and working environments, climate variability, and their impact on non-communicable disease burden, ***Science of the Total Environment*, 660, 593–594.**

30. Paschalidou A.K., Kassomenos P., Chonianaki F., Valkouma T. (2019): 3-year noise monitoring and strategic noise mapping in an extended motorway, ***Environmental Science and Pollution Research***, doi.org/10.1007/s11356-019-04966-w, *in press*.
31. Psistaki K., Paschalidou A.K., McGregor G. (2020): Weather patterns and all-cause mortality in England, UK, ***International Journal of Biometeorology***, **64**, 123–136.
32. Paschalidou A.K., Psistaki K., Charalampopoulos A., Vokou D., Kassomenos P., Damialis A. (2020): Identifying patterns of airborne pollen distribution using a synoptic climatology approach, ***Science of the Total Environment***, **136625**.
33. Tatsis G., Christofilakis V., Chronopoulos S.K., Baldoumas G., Sakkas A., Paschalidou A.K., Kassomenos P., Petrou I., Kostarakis P., Repapis C., Tritakis V. (2020) Study of the variations in the Schumann resonances parameters measured in a southern Mediterranean environment, ***Science of the Total Environment***, **715**, 136926.
34. Moshou H., Karakitsou A., Yfanti F., Hela D., Vlastos D., Paschalidou A.K., Kassomenos P., Petrou I. (2020) Assessment of genetic effects and pesticide exposure of farmers in NW Greece, ***Environmental Research***, **186**, 109558.
35. Ádám B., Göen T., Scheepers P.T.J., Adliene D., Batinic B., Budnik L.T., Duca R.-C., Ghosh M., Giurgiu D.I., Godderis L., Goksel O., Hansen K.K., Kassomenos P., Milic N., Orru H., Paschalidou A., Petrovic M., Puiso J., Radonic J., Sekulic M.T., Teixeira J.P., Zaid H., Au W.W. (2021) From inequitable to sustainable e-waste processing for reduction of impact on human health and the environment, ***Environmental Research***, **194**, 110728.
36. Stavi I., de Pinho J.R., Paschalidou A.K., Adamo S.B., Galvin K., de Sherbinin A., Even T., Heaviside C., van der Gees K. (2021): Food security among dryland pastoralists and agropastoralists: The climate, land-use change, and population dynamics nexus. ***Anthropocene Review***, DOI: 0.1177/20530196211007512.
37. Tatsis G., Sakkas A., Christofilakis V., Baldoumas G., Chronopoulos S.K., Paschalidou A.K., Kassomenos P., Petrou I., Kostarakis P., Repapis C., Tritakis V. (2021): Correlation of local lightning activity with extra low frequency detector for Schumann Resonance measurements. ***Science of the Total Environment***, **787**, 147671.
38. Kouis P., Psistaki K., Giallourous G., Michanikou A., Kakkoura M.G., Stylianou K.S., Papatheodorou S.I., Paschalidou A.K. (2021): Heat-related mortality under climate change and the impact of adaptation through air conditioning: A case study from Thessaloniki, Greece. ***Environmental Research***, **199**, 111285.
39. Stavi I., Paschalidou A., Kyriazopoulos A.P., Halbac-Cotoara-Zamfir R., Siad S.M., Suska-Malawska M., Savic D., Roque de Pinho J., Thalheimer L., Williams D.S., Hashimshony-Yaffe N., van der Geest K., Cordovil C.M.d.S, Ficko A. (2021) Multidimensional Food Security Nexus in Drylands under the Slow Onset Effects of Climate Change. ***Land***, **10**, 1350.
40. Paschalidou A.K., Petrou I., Fytianos G., Kassomenos P. (2022). Anatomy of the atmospheric emissions from the transport sector in Greece: trends and challenges. ***Environmental Science and Pollution Research***, *in press*.
41. Psistaki K., Dokas I.M., Paschalidou A.K. (2022) Analysis of the heat- and cold-related cardiovascular mortality in an urban Mediterranean environment through various thermal indices. ***Environmental Research***, **216**, 114831.

Textbooks

1. Climate Change, *TZIOLAS Publications, 2020, ISBN: 978-960-418-812-3 (in Greek).*

Editor in Joint Publications

1. Budnik L.T., Casteleyn L., Paschalidou A.K., Kassomenos P. (2019): Pollution in living and working environments, climate variability, and their impact on non-communicable disease burden, *Virtual Special Issue, Science of the Total Environment, vol 660, ELSEVIER Publications.*
2. Kyriakides E., Kyriacou E., Ellinas G., Louca S., Mavromoustakis C., Michael D., Vassiliou V., Hadjichristofi G., Georgiou J., Panayiotou C., Paschalidou A., Loizou C., Pattichis C.S. (2016): Proceedings of the 18th MEDITERRANEAN ELECTROMECHANICAL CONFERENCE MELECON 2016, Theme: Intelligent and Efficient Technologies and Services for the Citizen, *IEEE Catalog Number: CFP16MEL-USB ISBN: 978-1-5090-0057-9*
3. Budnik L.T., Casteleyn L., Goen T., Scheepers P.T.J., Schlunssen V., VanDamm K., Bolognesi C., Sigsgaard T., Balazs A., Goksel O., Paschalidou A. (2018): Proceedings of the 2nd DiMoPEX International Conference on "Pollution in Living and Working Environments health", *Journal of health and Pollution, 8(17), S1-S77, <https://doi.org/10.5696/2156-9614.8.17.1>.*
4. Kourtidis K, Nastos P., Moustris K., Founda D., Paschalidou A. (2018): Proceedings of the 14th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP2018, October 15-17 2018, Alexandroupolis, Greece, *ISBN 978-960-98220-4-6.*
5. Paschalidou A. (2021), Climate change in the Anthropocene Epoch, *ISSN: 1791-7824, ISBN: 978-960-89345-5-9, Orestiada (in press).*

Selected Publications in International Conference Proceedings

1. Paschalidou A.K., Kassomenos P.A., Bartzokas A. (2006): Comparison of various methods for modeling the dependence of ozone concentrations on meteorological and pollutant parameters in Athens. *WSEAS Transactions on Environment & Development, Issue 5, Volume 2, 684-689, 2006.*
2. Iliadis L.S., Spartalis S., Paschalidou A.K. (2006): Neural Modelling of the Tropospheric Ozone concentrations. The case of Athens, Lykovryssi. *Recent Progress in Computational Sciences and Engineering. Lecture series on computer and computational sciences, ISBN: 9004155422 Koninklijke Brill NV and VSP Publishers, Holland, Vol 7A, pp 222-224, 2006.*
3. Paschalidou A.K., Iliadis L.S., Kassomenos P., Bezirtzoglou C. (2007): Neural Modelling of the Tropospheric Ozone Concentrations in an Urban Site. *Proceedings of the 10th International Conference on Engineering Applications of Neural Networks, Thessaloniki, 29-31 August, 2007.*
4. Paschalidou A.K., Kassomenos P.A. (2008): Dispersion Modelling of Air Pollutants in a South-Eastern European Environment (*Proceedings of the 4th International Conference*

on Information and Communication Technologies in Bio and Earth Sciences, Athens, 18-20 September, 2008).

5. Kassomenos P., Karakitsios S., Kelessis A., Paschalidou A.K. (2010) Management of the cross-boundary area between Greece and Albania: The case of Aoos/Vjosa River. **(Proceedings of the International Conference on Protection and Restoration of the Environment V (PRE10), Corfu, Greece, 5-10 July 2010).**

6. Tsangari H., Konsoula Z., Christou S., Georgiou K.E., Ioannou K., Mesimeris T., Kleanthous S., Pashiardis S., Pavlou P., Paschalidou A., Kassomenos P., Vardoulakis S., Heaviside C., Yamasaki E.N. (2014): The role of air pollution as a potential confounder of the association between temperature and mortality in Cyprus **(Proceeding of the International Conference ADAPTtoCLIMATE, Nicosia, Cyprus, 27-28 March 2014).**

7. Tsangari H., Konsoula Z., Christou S., Georgiou K.E., Ioannou K., Mesimeris Th., Kleanthous S., Pashiardis S., Pavlou P., Paschalidou A., Kassomenos P., Vardoulakis S., Heaviside C., Yamasaki E.N. (2014): Public Health and Climate Change in Cyprus: the CYPHEW Project **(Proceedings of the Mediterranean City Conference 2014 - Adaptation Strategies to Global Environmental Change in the Mediterranean City and the Role of Global Earth Observations, Athens, Greece, June 10-11, 2014).**

8. P. Karanikola, S. Tampakis, A. Paschalidou, A. Matoli (2015): The views of residents for the actions taken before, during and after a forest-fire: The case-study of Larnaca Prefecture in Cyprus Island **(Proceedings of the 7th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA 2015), Kavala, Greece, 17-20 September, 2015).**

9. Tsangari H., Heaviside C., Vardoulakis S., Paschalidou A.K., Georgiou K.E., Kassomenos P., Yamasaki E.N. (2016): Health impact assessment for mortality associated with high temperatures in Cyprus **(Proceedings of the IEEE 18th Mediterranean Electro-Technical Conference (MELECON-2016) "Intelligent and Efficient Technologies and Services for the Citizen", Limassol, Cyprus, 18-20 April 2016).**

10. Mitsopoulos I., Mallinis G., Paschalidou A., Emmanoueloudis D. (2016): Fire suppression difficulty estimation and mapping in a Mediterranean landscape using Landsat-8 imagery and spatial fire behavior analysis **(Proceedings of the IEEE 18th Mediterranean Electro-Technical Conference (MELECON-2016) "Intelligent and Efficient Technologies and Services for the Citizen", Limassol, Cyprus, 18-20 April 2016).**

11. Kassomenos P.A., Paschalidou A.K., Sarantopoulos G. (2016): The acoustic environment and its controlling factors in primary schools in Greece **(Proceedings of the 23rd International Congress on Sound and Vibration, Athens, 10-14 July 2016).**

12. Kassomenos P.A., Vogiatzis K., Paschalidou A. (2016): The relocation of Heraclion International Airport. A Holistic environmental approach **(Proceedings of the 23rd International Congress on Sound and Vibration, Athens, 10-14 July 2016).**

13. McGregor G.R., Dimitriou K., Kassomenos P.A., Paschalidou A.K. (2016): Exploring the Meteorological Origins of Winter Mortality in England Using Back Trajectory Analysis **(Proceedings of the 7th Conference on Environment and Health, American Meteorological Society, New Orleans, 10-14 January 2016).**

14. Agiannidis J., Kassomenos P., Kelessis A., Paschalidou A., Evangelopoulos V. (2017) Forest fire events and air quality load during 2005-2014 in Greece **(Proceedings of the 6th International Conference on Environmental Management, Engineering, Planning and**

Economics (CEMEPE 2017) and to the SECOTOX Conference, Thessaloniki, Greece, 25-30 June 2017).

15. Paschalidou A.K., Kassomenos P., Tsangari H., Heaviside C., Vardoulakis S., Georgiou K., Yamasaki E.N. (2018): Climate change and public health: Assessment of the effects of extreme environmental conditions and development of innovative prevention and mitigation strategies (***Proceedings of the 2nd DiMoPEX International Conference on "Pollution in Living and Working Environments and health"***, *Journal of health and Pollution, Vol. 8, No. 17, pp. S1-S77, <https://doi.org/10.5696/2156-9614.8.17.1>*).

16. Kouis P., Ziogas K., Kakkoura M.G., Paschalidou A.K., Papatheodorou S.I. (2018). Cardiovascular mortality in Thessaloniki, Greece: The role of ambient temperature (***Proceedings of the 14th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP2018, Alexandroupolis, Greece, October 15-17 2018***).

17. Petrou I., Kassomenos P., Paschalidou A. (2018). Extreme meteorological conditions in the vicinity of airports (***Proceedings of the 14th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP2018, Alexandroupolis, Greece, October 15-17 2018***).

18. Psistaki K., Paschalidou A.K., Kassomenos P., McGregor G. (2018). Studying the association between Lamb weather types and mortality in London, UK (***Proceedings of the 14th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP2018, Alexandroupolis, Greece, October 15-17 2018***).

19. Toumasis N., Giousel S., Paschalidou A., Kassomenos P. (2018). Comparison of vehicle emissions from various types of fuel, emissions standards and driving cycles in Athens, Greece (***Proceedings of the 14th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP2018, Alexandroupolis, Greece, October 15-17 2018***).

20. Ladia E., Kyriopoulos F., Paschalidou A., Kassomenos P. (2018). Studying the Dispersion of a Heavy Gas in a Venue (***Proceedings of the 14th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP2018, Alexandroupolis, Greece, October 15-17 2018***).

21. Begou P., Paschalidou A., Kassomenos P., Vogiatzis K. (2018). Air Quality Levels in a Greek Highway. (***Proceedings of the 14th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP2018, Alexandroupolis, Greece, October 15-17 2018***).

22. Kouis P., Psistaki K., Giallourous G., Michanikou A., Kakkoura M.G., Stylianos K.S., Papatheodorou S.I., Paschalidou A.K. (2021): Heat-related mortality under climate change and the impact of adaptation through air conditioning: A case study from Thessaloniki, Greece. (***Proceedings of the 15th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP2021, Ioannina, Greece, September 26-29 2021***).

23. Paschalidou A.K., Psistaki K., Charalampopoulos A., Vokou D., Kassomenos P., Damialis A. (2021): Identifying patterns of airborne pollen distribution using a synoptic climatology approach. (***Proceedings of the 15th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP2021, Ioannina, Greece, September 26-29 2021***).

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Proceedings of the 8th International Conference on Civil Protection & New Technologies Safe Greece 2021, online event, 24-26 November 2021.

25. Tsiantikoudis S., Galatsidas S., Paschalidou A., Zafeiriou E., Arabatzis G. (2021): Environmental taxes and their use in European Union. ***Proceedings of the 7th Conference on Economics of Natural Resources & the Environment ENVECON, online event, 26-27 November 2021.***

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28. Paschalidou A.K, Psistaki K., Begou P., Petrou I., Dokas I.M. (2022) Exploring the association between bioclimatic indices and cardiovascular mortality: Preliminary results from Northern Greece. ***Proceedings of the EGU General Assembly, Vienna, Austria, 23-28 May 2022.***

29. Psistaki K., Matzarides N., Psaras-Leridis O., Damialis A., Dokas I.M., Paschalidou A.K. (2022) Studying the levels of allergenic pollen from different anemophilous species in Kavala, Greece. ***Proceedings of the 41st International Congress of the Society for Microbial Ecology in Health and Disease, SOMED 2022, Alexandroupolis, Greece, 14-16 June 2022.***

30. Mallinis G., Vatitsi K., Giannakopoulos V., Paschalidou A., Dokas I. (2022) Air quality monitoring during the 2021 wildfires in Greece using Copernicus data. ***Proceedings of the 41st International Congress of the Society for Microbial Ecology in Health and Disease, SOMED 2022, Alexandroupolis, Greece, 14-16 June 2022.***

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36. Petrou I., Psistaki K., Dokas I.M., Paschalidou A.K. (2022) Studying the toxic and thermal radiation threat from hypothetical industrial accidents. ***Proceedings of the 9th International Conference on Civil Protection and New Technologies, SAFE THESSALONIKI 2022, Thessaloniki, Greece, 29 September – 1 October 2022.***

Chapters in Books

1. Tsangari H., Paschalidou A., Kassomenos P., Konsoula Z., Christou, S., Georgiou K.E., Mesimeris Th., Vardoulakis S., Heaviside C., Yamasaki E.N. (2013): The effect of extreme weather on mortality in Cyprus: High temperatures vs. synoptic air mass types (***Environmental Health Perspectives, Special Issue with Abstracts of the 2013 ISEE, ISES and ISIAQ Conference on “Environment and Health - Bridging South, North, East and West”, August 19–23, 2013, Basel, Switzerland, p. 125.***
2. Kassomenos P.A., Paschalidou A.K. (2016): Studying the synoptic wildfire climatology in Greece. Implications to wildfire management (***Perspectives on Atmospheric Sciences, Springer Atmospheric Sciences, Proceedings of the 13th International Conference on Meteorology, Climatology and Atmospheric Physics (COMECAP 2016), Thessaloniki, 19-21 September 2016.***
3. Begou P., Petrou I., Psistaki K., I.M. Dokas, Paschalidou A.K. (2022) Weather types and cardiovascular/respiratory mortality in Eastern Macedonia and Thrace, Greece: A synoptic climatology approach to protect public health. ***Planning, Challenges of Disaster Management and Resilience.***

Other publications

1. Thalheimer L., Ficko A., Roque de Pinho J., Hashimshony-Yaffe N., Paschalidou A., Savic D., Stojanov R., Suska-Malawska M., van der Geest K., Webersik C., Williams D.S. (2019) Food Security in drylands under a changing climate. ***Working Group I – Policy brief. COST Action Drylands facing change: Interdisciplinary research on climate change, food insecurity, Political instability (CA16233).***
2. Paschalidou A.K. (2008): Air Pollution Dispersion Modelling. ***“Atmospheric Boundary Layers: Concepts, Observations and Numerical Simulations”, Université Joseph Fourier, Ecole de Physique, Les Houches, France, 16-27 June, 2008.***
3. Paschalidou A.K. (2008): Air Pollution: Modelling & Monitoring. ***Research Seminar Series “The Engineer in Society”, School of Engineering, Department of Civil and Environmental Engineering, The University of Cyprus, Nicosia, October 3, 2008.***
4. Yamasaki E., Konsoula Z., Tsangari H., Christou S., Georgiou K., Paschalidou A., Loupa G., Mesimeris Th., Kassomenos P., Vardoulakis S., Heaviside C. (2011): Climate Change and Public Health: Assessment of the effects of extreme weather and development of innovative prevention and mitigation strategies. ***Workshop for adaption to climate change, organized by Department of Environment, Nicosia, Cyprus, 2-3 November, 2011.***

Organization of International Conferences

- Member of the Steering Committee of the 18th IEEE Mediterranean Electro-Technical Conference (MELECON-2016) “Intelligent and Efficient Technologies and Services for the Citizen”, Limassol, Cyprus, 18-20 April 2016.
- Member of the Steering Committee of the 2nd DiMoPEX International Conference on “Pollution in Living and Working Environments and health”, Bentivoglio (Boglonia), Italy, October 2016.
- Member of the Organizing Committee of the 14th COMECAP International Conference on Meteorology, Climatology and Atmospheric Physics, Alexandroupolis, Greece, September 2018.
- Member of the Scientific Committee of the 8th International Conference on Information and Communication Technologies in Agriculture, Food and Environment, Chania, Crete, Greece, 21-24 September 2017.
- Member of the Scientific Committee of the IEEE International Energy Conference, ENERGYCON 2018 “Towards Self-healing, Resilient and Green Electric Power and Energy Systems”, Limassol, Cyprus, June 2018.

Reviewer in International Journals

- Environmental Pollution
- Science of the Total Environment
- Atmospheric Environment
- Environment International
- Environmental Management
- Agricultural and Forest Meteorology
- Environmental Science and Pollution Research
- Aerosol and Air Quality Research
- Environmental Monitoring & Assessment
- Journal of the Air & Waste Management Association
- CLEAN-Soil, Water, Air
- Atmospheric Pollution Research
- International Journal of Biometeorology
- Journal of Environmental Informatics
- International Journal of Environmental Research and Public Health
- Air Quality, Atmosphere and Health
- Atmosphere
- Challenges
- Progress in Artificial Intelligence

Languages

- Greek (Mother tongue)
- English (Excellent)
- French (Good)