

## Curriculum Vitae

### PERSONAL INFORMATION



**First name / Surname** **Anastasia Poupkou**  
**Institute** Academy of Athens, Research Center for Atmospheric Physics and Climatology  
**Position in Institute** Associate Researcher  
**Address** Solonos 84, Athens 10680, Greece  
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**Nationality** Greek

### EDUCATION

**Title of qualification awarded** PhD in Atmospheric Physics  
**Organisation providing education** Aristotle University of Thessaloniki, Department of Physics

**Title of qualification awarded** MSc in Environmental Physics  
**Organisation providing education** Aristotle University of Thessaloniki, Department of Physics

**Title of qualification awarded** BSc in Physics  
**Organisation providing education** Aristotle University of Thessaloniki, Department of Physics

### WORK EXPERIENCE

**Institute** Aristotle University of Thessaloniki, Department of Physics, Laboratory of Atmospheric Physics, PO Box :149, 54124 Thessaloniki, Greece

**Position in Institute** Research Associate in the framework of a) 10 EU research projects (LIFE ASTI,REQUA, PASODOBLE, CECILIA, GOA, CRYOPLANE and other), b) 4 research projects of the European Space Agency (PROMOTE, PROMOTE-2, PHAETHON), c) 2 research projects of the European Territorial Cooperation MED Programme (APICE, CAIMANS), d) 1 research project funded by the University of Genoa, e) 1 research project funded by the Finnish Meteorological Institute, f) 1 research project funded by the TEXAS A&M University at QATAR, g) 1 Interreg MED project (REMEDI) and h) 11 National research projects

**Main activities and responsibilities** Air quality modelling, Natural and anthropogenic pollutant emissions modelling, Model evaluation, Pollutant emissions impact assessment, Climate change impact assessment on natural emissions and air quality, Atmospheric processes analysis, Air pollution source apportionment

**Institute** University of Patras, Department of Physics, Laboratory of Atmospheric Physics, 26504, Patras, Greece

**Position held** Research Associate in the framework of the EU research project CESAPO

**Main activities and responsibilities** Natural and anthropogenic pollutants emissions modelling, Air quality modelling, Air pollution source apportionment

**Institute** National and Kapodistrian University of Athens, Faculty of Geology and Geoenvironment, Laboratory of Climatology and Atmospheric Environment, 15784 Athens, Greece University

**Position held** Research Associate in the framework of the EU research projects MACC and GEMS

<b>Main activities and responsibilities</b>	Air quality modelling, Natural emissions modelling, Anthropogenic emissions data processing, Model evaluation, Air quality climatology
<b>Institute</b>	University of Crete, Department of Chemistry, Environmental Chemical Processes Laboratory, PO Box 1470, Leoforos Knossou, 71409 Irakleio, Greece
<b>Position held</b>	Research Associate in the framework of the EU research project CITYZEN
<b>Main activities and responsibilities</b>	Atmospheric modelling, Natural and anthropogenic pollutant emission data processing
<b>Institute</b>	National Technical University of Athens, School of Chemical Engineering, 15780 Zografou, Athens, Greece
<b>Position held</b>	Research Associate in the framework of the international research project "Evaluation of aerosol & ozone photochemical models over Athens using in situ sensors (DOAS) and LIDAR techniques combined with health indicators"
<b>Main activities and responsibilities</b>	Air quality modelling, Air quality model evaluation

## TEACHING EXPERIENCE

<b>Institute</b>	Hellenic Open University, School of Science and Technology, Sahtouri 11, 26222 Patras, Greece
<b>Position in Institute</b>	Academic Staff (adjunct)
<b>Main activities and responsibilities</b>	<ol style="list-style-type: none"> <li>1. Lectures on "Air Pollution Management" in the Programme of Postgraduate Studies "Waste Management".</li> <li>2. Lectures on "Introduction to Natural and Human Environment" in the Programme of Postgraduate Studies "Environmental Design of Infrastructure Works".</li> <li>3. Supervision of MSc theses in the Programmes of Postgraduate Studies "Environmental Design of Infrastructure Works" and "Waste Management".</li> </ol>
<b>Institute</b>	Aristotle University of Thessaloniki, Department of Physics, Laboratory of Atmospheric Physics, PO Box: 149, 54124 Thessaloniki, Greece
<b>Position in Institute</b>	Educational Staff (external)
<b>Main activities and responsibilities</b>	<ol style="list-style-type: none"> <li>1. Lectures on "Atmospheric Circulation Models" and "Atmospheric Chemistry" in the framework of the Programme of Postgraduate Studies "Environmental Physics"</li> <li>2. (Co-)Supervision of BSc theses (Department of Physics) and MSc theses (Programme of Postgraduate Studies "Environmental Physics").</li> </ol>
<b>Institute</b>	Technological Education Institution of Western Macedonia, Department of Pollution Control Technologies, Faculty of Technological Applications, 50100 Koila, Kozani, Greece
<b>Position in Institute</b>	Educational Associate
<b>Main activities and responsibilities</b>	Laboratory exercises on "Environmental Physics", Lectures on "Current Environmental Issues"

## ADDITIONAL INFORMATION

<b>Honours and awards</b>	<ol style="list-style-type: none"> <li>1. Post-doctoral scholarship for the year 2011 of the Research Committee of the Aristotle University of Thessaloniki (Greece). Research topic: "Study of the impact of forest fires on the air quality of the Eastern Mediterranean with the use of high resolution mesoscale meteorological model and regional scale photochemical model"</li> <li>2. Scholarship of the Greek State Scholarships Foundation in the framework of the programme IKYDA 2008 (joint research project between the Aristotle University of Thessaloniki (Greece) and the Institute of Chemistry and Dynamics of the Geosphere (Julich, Germany) entitled "Coupling of the photochemical mesoscale model CAMx with the global Chemistry Transport Model ECHAM5.HAM0Z").</li> </ol>
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- Committees**
1. Member of the Steering Committees of the EU projects APICE, CAIMANs and LIFE ASTI.
  2. Member of the scientific review panel of the "International Conference on Energy, Environment and Health - Optimisation of Future Energy Systems", Copenhagen, 31 May – 2 June 2010.
  3. Member of the scientific and organising committee of the International Workshop "The impact of harbor and maritime activities on the air quality of the cities of Patras and Brindisi", Thessaloniki, 30-31 January 2014.
  4. Member of the scientific and organising committee of the European Seminar "Non-motorised Transport and Transport Energy Efficiency as Challenges for Road traffic Congestion and Air Quality Improvements in the Mediterranean Cities", Seville, 18 May 2017.
  5. Member of the scientific and organising committee of the European Seminar "Improved urban mobility systems for a high quality of life", Split, 23 November 2017.
  6. Member of the scientific and organising committee of the European Seminar " Sustainable Urban Mobility: Confronting Air Pollution and Climate Change ", Thessaloniki, 22 May 2018.

**Memberships** Member of the: 1) European Geophysical Union, 2) Hellenic Physical Society, 3) Hellenic Association for Aerosol Research, 4) Hellenic Meteorological Society.

- Other**
1. Expert of the EU H2020 and FP7 Programmes.
  2. Participation in the Action "ES0602: Towards a European Network on Chemical Weather Forecasting and Information Systems (ENCWF)" of the intergovernmental framework for European Cooperation in Science and Technology (COST).
  3. Participation in the EU Forum for air quality modelling in Europe (FAIRMODE).
  4. Reviewer of 6 scientific journals and of 5 international conferences.

## ANNEX I. PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Kiranoudis, C.T., Kourniotis, S.P., Christolis, M., Markatos, N.C., Zografos, K.G., Giannouli, I.M., Androutsopoulos, K.N., Ziomas, I., Kosmidis, E., Simeonidis, P. and **Poupkou, A.**, 2002. "An Operational Centre for managing major chemical industrial accidents", *Journal of Hazardous Materials*, 89, pp. 141-161.
2. **Poupkou, A.**, Symeonidis, P., Ziomas, I., Melas, D. and Markakis, K., 2007. "A spatially and temporally disaggregated anthropogenic emission inventory in the southern Balkan Region", *Water, Air & Soil Pollution*, 185, pp.335–348.
3. Zanis, P., Katragkou, E., Kanakidou, M., Psiloglou, B., Karathanasis, S., Vrekoussis, M., Gerasopoulos, E., Lysaridis, I., Markakis, K., **Poupkou, A.**, Amiridis, V., Melas, D., Mihalopoulos, N. and Zerefos C., 2007. "Effects on surface atmospheric photo-oxidants over Greece during the total solar eclipse event of 29 March 2006", *Atmospheric Chemistry and Physics*, 7, pp. 6061-6073.
4. Symeonidis, P., **Poupkou, A.**, Gkantou, A., Melas, D., Yay, O.D., Pouspourika, E. and Balis, D., 2008. "Development of a computational system for estimating biogenic NMVOCs emissions based on GIS technology", *Atmospheric Environment*, 42, pp. 1777–1789.
5. **Poupkou, A.**, Symeonidis, P., Lysaridis, I., Melas, D., Ziomas, I., Yay, O. D. and Balis, D., 2008. "Effects of anthropogenic emission sources on maximum ozone concentrations over Greece", *Atmospheric Research*, 89, pp. 374–381.
6. **Poupkou, A.**, Melas, D., Ziomas, I., Symeonidis, P., Lysaridis, I., Gerasopoulos, E. and Zerefos, C., 2009. "Simulated summertime regional ground-level ozone concentrations over Greece", *Water, Air & Soil Pollution*, 196, pp. 169–181.
7. Zyrichidou, I., Koukoulis, M. E., Balis, D. S., Katragkou, E., Melas, D., **Poupkou, A.**, Kioutsioukis, I., van der A, R., Boersma, F. K., van Roozendaal, M. and Richter, A., 2009. "Satellite observations and model simulations of tropospheric NO<sub>2</sub> columns over south-eastern Europe", *Atmospheric Chemistry and Physics*, 9, pp. 6119–6134.
8. Markakis, K., **Poupkou, A.**, Melas, D. and Zerefos, C., 2010a. "A GIS based anthropogenic PM<sub>10</sub> emission inventory for Greece", *Atmospheric Pollution Research*, 1, pp. 71-81.
9. Markakis, K., **Poupkou, A.**, Melas, D., Tzoumaka, P. and Petrakakis, M., 2010b. "A computational approach based on GIS technology for the development of an anthropogenic emission inventory of gaseous pollutants in Greece", *Water, Air & Soil Pollution*, 207, pp.157–180.
10. Huijnen, V., Eskes, H., **Poupkou, A.**, Elbern, H., Boersma, K. F., Foret, G., Sofiev, M., Valdebenito, A., Flemming, J., Stein, O., Gross, A., Robertson, L., D'Isidoro, M., Kioutsioukis, I., Friese, E., Amstrup, B., Bergstrom, R., Strunk, A., Vira, J., Zyryanov, D., Maurizi, A., Melas, D., Peuch, V.-H. and Zerefos, C., 2010. "Comparison of OMI NO<sub>2</sub> tropospheric columns with an ensemble of global and European regional air quality models", *Atmospheric Chemistry and Physics*, 10, pp. 3273–3296.
11. **Poupkou, A.**, Giannaros, T., Markakis, K. Kioutsioukis, I., Curci, G., Melas, D., and Zerefos, C., 2010. "A model for European biogenic volatile organic compound emissions: Software development and first validation", *Environmental Modelling and Software*, 25, pp. 1845-1856.
12. Im, U., Markakis, K., Unal, A., Kindap, T., **Poupkou, A.**, Incecik, S., Yenigün, O., D., Melas, Theodosi, C. and Mihalopoulos, N., 2010. "Study of a winter PM episode in Istanbul using the high resolution WRF/CMAQ modeling system", *Atmospheric Environment*, 44, pp. 3085-3094.
13. Papanastasiou, D.K., **Poupkou, A.**, Katragkou, E., Amiridis, V., Melas, D., Mihalopoulos, N., Basart, S., Pérez, C. and Baldasano, J.M., 2010. "An assessment of the efficiency of dust regional modelling to predict Saharan dust transport episodes", *Advances in Meteorology* (special issue on "Atmospheric Aerosols and Climate"), volume 2010, Article ID 154368, 9 pages, doi:10.1155/2010/154368.
14. Syrakov, D., Spiridonov, V., Prodanova, M., Bogatchev, A., Miloshev, N., Ganev, K., Katragkou, E., Melas, D., **Poupkou, A.**, Markakis, K., San Jose, R. and Pérez, J.L., 2011. "A system for assessment of climatic air pollution levels in Bulgaria: Description and first steps towards validation", *International Journal of Environment and Pollution*, 46, pp. 18-42.
15. Im, U., **Poupkou, A.**, Incecik, S., Markakis, K., Kindap, T., Unal, A., Melas, D., Yenigün, O., Topcu, S., Odman, M.T., Tayanc, M. and Guler, M., 2011. "The impact of anthropogenic and biogenic emissions on surface ozone concentrations in Istanbul", *Science of the Total Environment*, 409, pp. 1255–1265.
16. Im, U., Markakis, K., **Poupkou, A.**, Melas, D., Unal, A., Gerasopoulos, E., Daskalakis, N. and Kanakidou M., 2011. "The impact of temperature changes on summer time ozone and its precursors in the Eastern Mediterranean", *Atmospheric Chemistry and Physics*, 11, pp. 3847–3864.
17. **Poupkou, A.**, Nastos, P., Melas, D. and Zerefos, C., 2011. "Climatology of Discomfort Index and Air Quality Index in a large urban Mediterranean agglomeration", *Water, Air & Soil Pollution*, 222, pp. 163–183.
18. **Poupkou A.**, Zanis P., Nastos P., Papanastasiou D., Melas D., Tourpali K. and Zerefos C., 2011. "Present climate trend analysis of the Etesian winds in the Aegean Sea", *Theoretical and Applied Climatology*, 106, pp. 459–472.
19. Zanis, P., Katragkou, E., Tegoulas, I., **Poupkou, A.**, Melas, D., Huszar, P. and Giorgi, F., 2011. "Evaluation of near surface ozone in air quality simulations forced by a regional climate model over Europe for the period 1991-2000", *Atmospheric Environment*, 45, pp. 6489-6500.

20. Im, U., Markakis, K., Kocak, M., Gerasopoulos, E., Daskalakis, N., Mihalopoulos, N., **Poupkou, A.**, Kindap, T., Unal, A. and Kanakidou, M., 2012. "Summertime aerosol chemical composition in the Eastern Mediterranean and its sensitivity to temperature", *Atmospheric Environment*, 50, pp. 164-173.
21. Kukkonen, J., Balk, T., Schultz, D.M., Baklanov, A., Klein, T., Miranda, A I., Monteiro, A., Hirtl, M., Tarvainen, V., Boy, M., Peuch, V.-H., **Poupkou, A.**, Kioutsioukis, I., Finardi, S., Sofiev, M., Sokhi, R.S., Lehtinen, K., Karatzas, K., San Jose, R., Astitha, M., Kallos, G., Schaap, M.M., Reimer, E., Jakobs. H. and Eben, K., 2012. "A review of operational, regional-scale, chemical weather forecasting models in Europe", *Atmospheric Chemistry and Physics*, 12, pp. 1–87.
22. Banja, M., Papanastasiou, D., **Poupkou, A.** and Melas, D., 2012. "Development of a short-term ozone prediction tool in Tirana area based on meteorological variables", *Atmospheric Pollution Research*, 3, pp. 32-38.
23. Ebel, A., Melas, D., Ganev, K., Banja, M., Sandu, I., Friese, E., Giannaros, T., Jakobs, H.J., Kioutsioukis, I., Markakis, K., Memmesheimer, M., Miloshev, N., Pescaru, V., **Poupkou, A.**, 2012. "Assessment of impacts and risks of air pollution applying two strategies of numerical chemistry transport modelling", *Journal of Environmental Protection*, 3, pp. 26-40.
24. Zyryanov, D., Foret, G., Eremenko, M., Beekmann, M., Cammas, J.-P., D'Isidoro, M., Elbern, H., Flemming, J., Friese, E., Kioutsioukis, I., Maurizio, A., Melas, D., Meleux, F., Menut, L., Moinat, P., Peuch, V.-H., **Poupkou, A.**, Razingger, M., Schulz, M., Stein, O., Suttie, A.M., Valdebenito, A., Zerefos, C., Dufour, G., Bergametti G. and Flaud, J.-M., 2012. "3-D evaluation of tropospheric ozone simulations by an ensemble of regional Chemistry Transport Model", *Atmospheric Chemistry and Physics*, 12, pp. 3219-3240.
25. Zyrichidou, I., Koukoulis, M. E., Balis, D., Kioutsioukis, I., **Poupkou, A.**, Katragkou, E., Melas, D., Boersma, F. and van Roozendael, M., 2012. "Evaluation of high resolution simulated and OMI retrieved tropospheric NO<sub>2</sub> column densities over South-Eastern Europe", *Atmospheric Research*, 122, pp. 55-66.
26. Markakis, K., Katragkou, E., **Poupkou, A.** and Melas, D., 2013. "MOSESS: A new emission model for the compilation of model-ready emission inventories. Application in a coal mining area in Northern Greece", *Environmental Modeling & Assessment*, 18, pp. 509–521.
27. Akritidis, D., Zanis, P., Katragkou, E., Schultz, M., Tegoulis, I., **Poupkou, A.**, Markakis, K., Pytharoulis, I. and Karacostas Th., 2013. "Evaluating the impact of chemical boundary conditions on near surface ozone in regional climate-air quality simulations over Europe", *Atmospheric Research*, 134, pp. 116-130.
28. **Poupkou, A.**, Markakis, K., Liora, N., Giannaros, T., Zanis P., Im, U., Daskalakis, N., Myriokefalitakis, S., Kaiser, J. W., Melas, D., Kanakidou, M., Karacostas, T. and Zerefos, C., 2014. "A modeling study of the impact of the 2007 Greek forest fires on the gaseous pollutant levels in the Eastern Mediterranean ", *Atmospheric Research*, 148, pp. 1-17.
29. Zyrichidou, I., Koukoulis, M.E., Balis, D., Markakis, K., **Poupkou, A.**, Katragkou, E., Kioutsioukis, I., Melas, D., Boersma, F. and Van Roozendael, M., 2015. "Identification of surface NO<sub>x</sub> emission sources on a regional scale using OMI NO<sub>2</sub>", *Atmospheric Environment*, 101, pp. 82-93.
30. Karagiannidis, A., **Poupkou, A.**, Giannaros, T., Giannaros, C., Melas, D. and Argiriou, A., 2015. "The air quality of a Mediterranean urban environment area and its relation to major meteorological parameters", *Water, Air, & Soil Pollution*, 226:2239, DOI 10.1007/s11270-014-2239-8.
31. Marécal, V., Peuch, V.-H., Andersson, C., Andersson, S., Arteta, J., Beekmann, M., Benedictow, A., Bergström, R., Bessagnet, B., Cansado, A., Chéroux, F., Colette, A., Coman, A., Curier, R. L., Denier van der Gon, H. A. C., Drouin, A., Elbern, H., Emili, E., Engelen, R. J., Eskes, H. J., Foret, G., Friese, E., Gauss, M., Giannaros, C., Guth, J., Joly, M., Jaumouillé, E., Josse, B., Kadyrov, N., Kaiser, J. W., Krajsek, K., Kuenen, J., Kumar, U., Liora, N., Lopez, E., Malherbe, L., Martinez, I., Melas, D., Meleux, F., Menut, L., Moinat, P., Morales, T., Parmentier, J., Piacentini, A., Plu, M., **Poupkou, A.**, Queguiner, S., Robertson, L., Rouil, L., Schaap, M., Segers, A., Sofiev, M., Thomas, M., Timmermans, R., Valdebenito, Á., van Velthoven, P., van Versendaal, R., Vira, J. and Ung, A. "A regional air quality forecasting system over Europe: the MACC-II daily ensemble production", *Geoscientific Model Development*, 8, pp. 2777–2813.
32. Liora, N., Markakis, K., **Poupkou, A.**, Giannaros, T.M. and Melas, D., 2015. "The natural emissions model (NEMO): Description, application and model evaluation", *Atmospheric Environment*, 122, pp. 493-504.
33. Liora, N., **Poupkou, A.**, Giannaros, T.M. Kakosimos, K.E., Stein, O. and Melas, D., 2016. "Impacts of natural emission sources on particle pollution levels in Europe", *Atmospheric Environment*, 137, pp. 171-185.
34. Merico, E., Gambaro, A., Argiriou, A., Alebic-Juretic, A., Barbaro, E., Cesari, D., Chasapidis, L., Dimopoulos, S., Dinoi, A., Donato, A., Giannaros, C., Gregoris, E., Karagiannidis, A., Konstandopoulos, A.G., Ivošević, T., Liora, N., Melas, D., Mifka, B., Orlic, I., **Poupkou, A.**, Sarovic, K., Tsakis, A., Giua, R., Pastore, T., Nocioni, A. and Contini, D., 2017. "Atmospheric impact of ship traffic in four Adriatic-Ionian port-cities: Comparison and harmonization of different approaches", *Transportation Research Part D*, 50, pp. 431–445.
35. Pu, X., Huang, X., Melas, D., Zanis, P., Papanastasiou, D. and **Poupkou A.**, 2017. "Enhanced surface ozone during the heat wave of 2013 in Yangtze River Delta region, China", *Science of the Total Environment*, 603–604, pp. 807–816.

36. Drosoglou, T., Bais, A., Zyrichidou, I., Kouremeti, N., **Poupkou, A.**, Liora, N., Giannaros, C., Koukouli, M.E., Balis, D. and Melas, D., 2017. "Comparisons of ground-based tropospheric NO<sub>2</sub> MAX-DOAS measurements to satellite observations with the aid of an air quality model over Thessaloniki area, Greece". *Atmospheric Chemistry and Physics*, 17, pp. 5829–5849.
37. Siomos, N., Balis, D., **Poupkou, A.**, Liora, N., Dimopoulos, S., Melas, D., Giannakaki, E., Filioglou, M., Basart, S. and Chaikovsky, A., 2017. "Investigating the quality of modeled aerosol profiles based on combined lidar and sunphotometer data". *Atmospheric Chemistry and Physics*, 17, pp. 7003–7023.
38. Filioglou, M., Siomos, N., **Poupkou, A.**, Dimopoulos, S., Chaikovsky, A. and Balis, D., 2018. "A sensitivity study of the Lidar-Radiometer Inversion Code (LIRIC) using selected cases from Thessaloniki, Greece database". *International Journal of Remote Sensing*, 39, pp. 315-333.
39. Solomou E., **Poupkou A.**, Bolis S., Zanis P., Lazaridis M. and Melas D., 2018. "Evaluating near-surface ozone levels simulated from MACC global and regional modelling systems in Eastern Mediterranean under the influence of Etesian winds". *Atmospheric Research*, 208, pp. 191-200.
40. Kontos, S., Liora, N., Giannaros, C., Kakosimos, K., **Poupkou, A.** and Melas, D., 2018. "Modeling natural dust emissions in the central Middle East: Parameterizations and sensitivity". *Atmospheric Environment*, 190, pp. 294-307.
41. Zyrichidou I., Balis D., Koukouli M.E., Drosoglou T., Bais A., Gratsea M., Gerasopoulos E., Liora N., Poupkou A., Giannaros C., Melas D., De Smedt I., Van Roozendaal M., Van der A R.J., Boersma K.F., Valks P. and Richter A., 2019. "Adverse results of the economic crisis: A study on the emergence of enhanced formaldehyde (HCHO) levels seen from satellites over Greek urban sites". *Atmospheric Research*, 224, 42-51.

## ANNEX II. PUBLICATIONS IN BOOKS

1. **Poupkou, A.** and Zanis, P., 2008. "Chemical Modeling" (Chapter 4). *Regional Transboundary Transport of Air Pollution: An Introductory Science Review*. Melas D. and Fra Paleo U. (eds), Published by the Universidad de Extremadura (ISBN:978-84-7723-784-6), pp.63-78.

## ANNEX III. PUBLICATIONS IN INTERNATIONAL CONFERENCES PROCEEDINGS (Peer-reviewed)

1. Ziomas, C. I., **Poupkou, P. A.** and Mouzakis, G., 1997. "An Investigation of the consequences from possible industrial accidents in Northern Greece". ESREL'97 International Conference on Safety and Reliability. 17-20 June 1997, Lisbon, Portugal, pp. 657-663.
2. **Poupkou, A.**, Symeonidis, P., Lisaridis, I., Pouspourika, E., Yay, O.D., Melas, D., Ziomas, I., Balis, D. and Zerefos, C., 2004. "Compilation of an emission inventory for the purpose of studying the regional photochemical pollution in the Balkan Region". Quadrennial Ozone Symposium 2004. 1-8 June 2004, Kos, Greece, pp. 902-903.
3. Pouspourika, E., Symeonidis, P., **Poupkou, A.** and Balis, D., 2005. "Biogenic NMVOC emission calculations at the Balkan Peninsula using a Geographical Information System". N.R. Dalezios and H. Dobesch (Editors), *Proceedings of the International Symposium on GIS and Remote Sensing: Environmental Applications*. 7-9 November 2003, Volos, Greece, pp. 403-413.
4. **Poupkou, A.**, Symeonidis, P., Lisaridis, I., Melas, D., Ziomas, I., Pouspourika, E., Yay, O. D., Balis, D., Gerasopoulos, E., Papanastasiou, D. and Zerefos, C., 2005. "Performance evaluation of photochemical modeling over the Eastern Mediterranean". *Electronic proceedings of the 1<sup>st</sup> ACCENT Symposium on the Changing Chemical Climate of the Atmosphere*. 12-16 September, 2005, Urbino, Italy.
5. Yay, O. D., **Poupkou, A.**, Symeonidis, P., Gandou, A., Melas, D. and Dogeroglu, T., 2005. "Biogenic emissions of Volatile Organic Compounds from Turkey". 3<sup>rd</sup> International Symposium on Air Quality Management at Urban, Regional and Global scales and jointly organized 14th Regional IUAPPA conference. 26-30 September 2005, Istanbul, Turkey, pp. 1006-1014.
6. **Poupkou, A.**, Symeonidis, P., Lisaridis, I., Ziomas, I., Melas, D., Yay, O. D. and Balis, D., 2005. "Emission sources and their effect on maximum ozone concentrations over Greece". 3<sup>rd</sup> International Symposium on Air Quality Management at Urban, Regional and Global scales and jointly organized 14th Regional IUAPPA conference. 26-30 September 2005, Istanbul, Turkey, pp. 498-505.
7. **Poupkou, A.**, Melas, D., Kioutsioukis, I., Lisaridis, I., Symeonidis, P., Balis, D., Karathanasis, S. and Kazadzis, S., 2006. "Regional air quality forecasting over Greece within PROMOTE". *Electronic Proceedings of the Atmospheric Science Conference*. 8-12 May 2006, ESA ESRIN Frascati, Italy.

8. Katragkou, E., Kioutsioukis, I., **Poupkou**, A., Lisaridis, I., Markakis, K., Karathanasis, S., Melas, D. and Balis D., 2007. "An air quality study for Greece with the MM5/CAMx modelling system". Electronic Proceedings of the 2007 ESA ENVISAT Symposium. 23-27 April 2007, Montreux, Switzerland. (<http://earth.esa.int/workshops/envisatsymposium/proceedings/posters/4P18/507381ka.pdf>)
9. **Poupkou**, A., Melas, D., Kaimakamis, G., Kavouras, P., Kehagias, T. and Karakostas, T., 2007. "Air quality impact assessment of a pilot plant used for the treatment and stabilization of solid wastes". 11<sup>th</sup> International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes. 2-5 July 2007, Cambridge, UK, pp. 145-149.
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