

## BRIEF CURRICULUM VITAE

**First Name:** ELINA, **Surname:** GIANNAKAKI  
**Title:** Lecturer, University of Athens  
**Family status:** Married with one children.

### Studies

**First Degree:** BSc, University of Thessaloniki, Department of Physics, Greece, 2002  
**Post Graduate Titles:** MSc in Environmental Physics, University of Thessaloniki, Department of Physics, Greece, 2002  
PhD in Atmospheric Physics, University of Thessaloniki, Department of Physics, Greece, 2009  
**Languages:** English

### Fields of Scientific activities:

- Impact of aerosols and clouds on radiation
- Advanced ground-based and space-borne remote sensing observations
- Atmospheric Boundary Layer
- Atmospheric air quality and transfer of air pollutants

### Employment:

**2003-2004:** Research assistant, School of Mechanical Engineering, University of Thessaloniki  
**2004-2008:** Research assistant, Physics Department, University of Thessaloniki  
**2008-2013:** Post-doc, Physics Department, University of Thessaloniki  
**2009-2010:** Post-doc, Leibniz TROPOS, Leipzig, Germany  
**2010- 2011:** Post-doc, National Observatory of Athens, Athens  
**2011-2013:** Post-doc, Finnish Meteorological Institute, Kuopio, Finland  
**2014-:** Lecturer, Physics Department, University of Athens

### Published work:

Number of publications in refereed scientific journals: **40**  
Number of publications in peer reviewed conference proceedings: **124**

## PUBLICATIONS IN INTERNATIONAL JOURNALS

- 1]** Amiridis, V., Balis, D. S., Kazadzis, S., Bais, A., **Giannakaki, E.**, Papayannis, A. & Zerefos, C., Four-year aerosol observations with a Raman lidar at Thessaloniki, Greece, in the framework of European Aerosol Research Lidar Network (EARLINET), *Journal of Geophysical Research*, 110, D21203, **2005**.
- 2]** **Giannakaki, E.**, Balis, D.S., Amiridis, V. & Kazadzis, S., Optical and geometrical characteristics of cirrus clouds over a Southern European lidar station, *Atmospheric Chemistry and Physics*, 7, 5519-5530, **2007**.
- 3]** Amiridis, V., Melas, D., Balis, D. S., Papayannis, A., Founda, D., Katragkou, E., **Giannakaki, E.**, Mamouri, R. E., Gerasopoulos, E. & Zerefos, C., Aerosol lidar observations and model calculations of the Planetary Boundary Layer evolution over Greece, during the March 2006 Total Solar Eclipse, *Atmospheric Chemistry and Physics*, 7, 6181-6189, **2007**.
- 4]** Müller D., Heinold, B., Tesche, M., Tegen, I., Althausen, D., Alados Arboledas, L., Amiridis, V., Amodeo, A., Ansmann, A., Balis, D., Comeron, A., D'mico, G., Gerasopoulos, E., Guerrero-Rascado, J.L., Freudenthaler, V., **Giannakaki, E.**, Heese, B., Iarlori, M., Knippertz, P., Mamouri, R.E., Mona, L., Papayannis, A., Pappalardo, G., Perrone, R-M., Pisani, G., Rizi, V., Sicard, M., Spinelli, N. Tafuro, A. &

- Wiegner M., EARLINET Observations of the 14–22-May Long-range dust transport event during SAMUM 2006: validation of results from dust transport modelling, *Tellus*, 61B, 325-339, **2009**.
- 5] Amiridis, V., Balis, D. S., **Giannakaki, E.**, Stohl, A., Kazadzis, S., Koukouli, M. E. & Zanis, P. Optical characteristics of biomass burning aerosols over Southeastern Europe determined from UV-Raman lidar measurements, *Atmospheric Chemistry and Physics*, 9, 2431-2440, **2009**.
  - 6] Kazadzis, S., Bais, A., Balis, D., Kouremeti, N., Zempila, M., Arola, A., **Giannakaki, E.**, Amiridis, V. & Kazantzidis, A., Spatial and temporal UV irradiance and aerosol variability within the area of an OMI satellite pixel, *Atmospheric Chemistry and Physics*, 9, 4593-4601, **2009**.
  - 7] Amiridis, V., Kafatos, M., Perez, C., Kazadzis, S., Gerasopoulos, E., Mamouri, R.E., Papayannis, A., Kokkalis, P., **Giannakaki, E.**, Basart, S., Daglis I. & Zerefos, C., The potential of the synergistic use of passive and active remote sensing measurements for the validation of a regional dust model, *Annales Geophysicae*, 27, 3155-3164, **2009**.
  - 8] Mamouri, R. E., Amiridis, V., Papayannis, A., **Giannakaki, E.**, Tsaknakis G. & Balis, D., Validation of CALIPSO space-borne-derived attenuated backscatter coefficient profiles using a ground-based lidar in Athens, Greece, *Atmospheric Measurements Techniques*, 2, 513-522, **2009**.
  - 9] Pappalardo, G., Wandinger, U., Mona, L., Hiebsch, A., Mattis, I., Amodeo, A., Ansmann, A., Seifert, P., Linné, H., Apituley, A., Alados Arboledas, L., Balis, D., Chaikovskiy, A., D'Amico, G., De Tomasi, F., Freudenthaler, V., **Giannakaki, E.**, Giunta, A., Grigorov, I., Iarlori, M., Madonna, F., Mamouri, R-E., Nasti L., Papayannis, A., Pietruczuk, A., Pujadas, M., Rizi, V., Rocadenbosch, F., Russo, F., Schnell, F., Spinelli, N., Wang X. & Wiegner, M., EARLINET correlative measurements for CALIPSO: First intercomparison results, *Journal of Geophysical Research*, 115, D00H19, **2010**.
  - 10] Balis, D., **Giannakaki, E.**, Müller, D., Amiridis, V., Kelektsoylou, K., Rapsomanikis, S. & Bais A., Estimation of the microphysical aerosol properties over Thessaloniki, Greece, during the SCOUT-O3 campaign with the synergy of Raman lidar and Sun photometer data, *Journal of Geophysical Research*, 115, D08202, **2010**.
  - 11] **Giannakaki E.**, Balis, D.S., Amiridis V. & Zerefos C., Optical properties of different aerosol types: Seven years of combined Raman-elastic backscatter lidar measurements in Thessaloniki, Greece, *Atmospheric Measurements Techniques*, 3, 569-578, **2010**.
  - 12] Amiridis, V., **Giannakaki, E.**, Balis, D., Gerasopoulos, E., Pytharoulis, I., Zanis, P., Kazadzis, S., Melas, D. & Zerefos, C., Smoke injection heights from agricultural burning in Eastern Europe as seen by CALIPSO, *Atmospheric Chemistry and Physics*, 10, 11567-11576, **2010**.
  - 13] Amiridis, V., Balis, D., **Giannakaki, E.**, Kazadzis, S., Arola, A. & Gerasopoulos, E., Characterization of the aerosol type using simultaneous measurements of the lidar ratio and estimations of the single scattering albedo, *Atmospheric Research*, 101, 46-53, **2011**.
  - 14] Actis M. et al., Design concepts for the Cherenkov Telescope Array CTA: An advanced facility for ground-based high-energy gamma-ray astronomy, *Experimental Astronomy*, 32, 193-316, **2011**.
  - 15] Amiridis, V., Zerefos, C., Kazadzis, S., Gerasopoulos, E., Eleftheratos, K., Vrekoussis, M., Stohl, A., Mamouri, R.E., Kokkalis, P., Papayannis, A., Eleftheriadis, K., Diapouli, E., Keramitsoglou, I., Kontoes, C., Kotroni, V., Lagouvardos, K., Marinou, E., **Giannakaki, E.**, Kostopoulou, E., Giannakopoulos, C., Richter, A., Burrows, J.P., & Mihalopoulos, N., Impact of the 2009 Attica wild fires on the air quality in urban Athens, *Atmospheric Environment*, 46, 536-544, **2012**.

- 16|** Papayannis, A., Mamouri, R. E., Amiridis, V., **Giannakaki E.**, Veselovskii, I., Kokkalis, P., Tsaknakis, G., Balis, D., Kristiansen, N. I., Stohl, A., Korenskiy, Allakhverdiev, K., Huseyinoglu M. & Baykara, T., Optical properties and vertical extension of aged ash layers over the Eastern Mediterranean as observed by Raman lidars during the Eyjafjallajökull eruption in May 2010, *Atmospheric Environment*, 48, 56-65, **2012**.
- 17|** Acharya, B.S., et al.<sup>5</sup>, Introducing the CTA concept, *Astroparticle Physics*, 43, 3-18, **2013**.
- 18|** Amiridis, V., Wandinger, U., Marinou, E., **Giannakaki, E.**, Tsekeri, A., Basart, S., Kazadzis, S., Gkikas, A., Taylor, M., Baldasano, J. & Ansmann, A., Optimizing CALIPSO Saharan dust retrievals, *Atmospheric Chemistry and Physics*, 13, 12089-12106, **2013**.
- 19|** Pappalardo, G., Mona, L., D'Amico, G., Wandinger, U., Adam, M., Amodeo, A., Ansmann, A., Apituley, A., Alados Arboledas, L., Balis, D., Boselli, A., Bravo-Aranda, J. A., Chaikovskiy, A., Comeron, A., Cuesta, J., De Tomasi, F., Freudenthaler, V., Gausa, M., **Giannakaki, E.**, Giehl, H., Giunta, A., Grigorov, I., Groß, S., Haeffelin, M., Hiebsch, A., Iarlori, M., Lange, D., Linné, H., Madonna, F., Mattis, I., Mamouri, R.-E., McAuliffe, M. A. P., Mitev, V., Molero, F., Navas-Guzman, F., Nicolae, D., Papayannis, A., Perrone, M. R., Pietras, C., Pietruczuk, A., Pisani, G., Preißler, J., Pujadas, M., Rizi, V., Ruth, A. A., Schmidt, J., Schnell, F., Seifert, P., Serikov, I., Sicard, M., Simeonov, V., Spinelli, N., Stebel, K., Tesche, M., Trickl, T., Wang, X., Wagner, F., Wiegner, M., & Wilson, K. M., Four-dimensional distribution of the 2010 Eyjafjallajökull volcanic cloud over Europe observed by EARLINET, *Atmospheric Chemistry and Physics*, 13, 4429-4450, **2013**.
- 20|** Leventidou, E, Zanis, P, Balis, D, **Giannakaki, E.**, Pytharoulis, I & Amiridis, V., Factors affecting the comparisons of planetary boundary layer height retrievals from CALIPSO, ECMWF and radiosondes over Thessaloniki, Greece, *Atmospheric Environment*, 74 360-366, **2013**.
- 21|** Ioannidou A., **Giannakaki, E.** Manolopoulou, M, Stoulos, S, Vagena, E, Papastefanou, C, Gini, L, Manenti, S & Groppi F., An air-mass trajectory study of the transport of radioactivity from Fukushima to Thessaloniki, Greece and Milan, Italy, *Atmospheric Environment*, 75, 163-170, **2013**.
- 22|** Hirsikko A, O'Connor, E. J., Komppula, M., Korhonen, K., Pfüller, A., **Giannakaki, E.**, Wood, C. R., Bauer-Pfundstein, M., Poikonen, A., Karppinen, T., Lonka, H., Kurri, M., Heinonen, J., Moisseev, D., Asmi, E., Aaltonen, V., Nordbo, A., Rodriguez, E., Lihavainen, H., Laaksonen, A., Lehtinen, K. E. J., Laurila, T., Petäjä, T., Kulmala, M. & Viisanen, Y., Observing wind, aerosol particles, cloud and precipitation: Finland's new ground-based remote-sensing network, *Atmospheric Measurements Techniques*, 7, 1351–1375, **2014**.
- 23|** Korhonen, K., **Giannakaki, E.**, Mielonen, T., Pfuller, A., Laakso, L., Vakkari, V., Baars, H., Engelmann, R., Beukes, P, Zyl, P.G., Ramandh, A., Ntsangwane, L., Josipovic, M., Tiitta, P., Fourie, G., Ngwana, I., Chiloane, K. & Komppula, M., Atmospheric boundary layer top height in South Africa: measurements with lidar and radiosonde compared to three atmospheric models, *Atmospheric Chemistry and Physics*, 14, 4263-4278, **2014**.
- 24|** **Giannakaki E.**, Pfuller, A., Korhonen, K., Mielonen, T., Laakso L., Vakkari V., Baars H., Engelmann R., Beukes, J.P., Zyl, P.G., Josipovic, M., Tiitta, P., Chiloane K., Piketh, S., Lihavainen, H., Lehtinen, K.E., & Komppula, M., One year of Raman lidar observations of free-tropospheric aerosol layers over South Africa, *Atmospheric Chemistry and Physics*, 15, 5429-5442, **2015**.
- 25|** Amiridis, V., Marinou, E., Tsekeri, A., Wandinger, U., Schwarz, A., **Giannakaki, E.** Mamouri, R., Kokkalis, P., Biniotoglou, I., Solomos, S., Herekakis, T., Kazadzis, S., Gerasopoulos, E., Proestakis, E., Kottas, M.,

- Balis, D., Papayannis, A., Kontoes, C., Kourtidis, K., Papagiannopoulos, N., Mona, L., Pappalardo, G., Rille, O. & Ansmann, A., LIVAS: a 3-D multi-wavelength aerosol/cloud database based on CALIPSO and EARLINET, *Atmospheric Chemistry and Physics*, 15, 7127–7153, **2015**.
- 26|** Baars, H., Kanitz, T., Engelmann, R., Althausen, D., Heese, B., Komppula, M., Preißler, J., Tesche, M., Ansmann, A., Wandinger, U., Lim, J.-H., Ahn, J. Y., Stachlewska, I. S., Amiridis, V., Marinou, E., Seifert, P., Hofer, J., Skupin, A., Schneider, F., Bohlmann, S., Foth, A., Bley, S., Pfüller, A., **Giannakaki, E.**, Lihavainen, H., Viisanen, Y., Hooda, R. K., Pereira, S. N., Bortoli, D., Wagner, F., Mattis, I., Janicka, L., Markowicz, K. M., Achtert, P., Artaxo, P., Pauliquevis, T., Souza, R. A. F., Sharma, V. P., van Zyl, P. G., Beukes, J. P., Sun, J., Rohwer, E. G., Deng, R., Mamouri, R.-E. & Zamorano, F., An overview of the first decade of Polly<sup>NET</sup>: an emerging network of automated Raman-polarization lidars for continuous aerosol profiling, *Atmospheric Chemistry and Physics*, 16, 5111–5137, **2016**.
- 27|** **Giannakaki, E.**, van Zyl, P. G., Müller, D., Balis, D. & Komppula, M., Optical and microphysical characterization of aerosol layers over South Africa by means of multi-wavelength depolarization and Raman lidar measurements, *Atmospheric Chemistry and Physics*, 16, 8109–8123, **2016**.
- 28|** Papayannis, A., Argyrouli, A., Bougiatioti, A., Remoundaki, E., Vratolis, S., Nenes, A., Solomos, S., Komppula, M., **Giannakaki, E.**, Kalogiros, J., Banks, R., Eleftheriadis, K., Mantas, E., Diapouli, E., Tzani, C.G., Kazadzis, S., Biniotoglou, I., Labzovskii, L., Hey, J.V. & Zerefos, C.S., An overview from hygroscopic aerosols to cloud droplets: the HygrA-CD Campaign in the Athens basin, *Science of the Total Environment*, 574, 216–233, **2016**.
- 29|** Siomos, N., Balis, D. S., Poupkou, A., Liora, N., Dimopoulos, S., Melas, D., **Giannakaki, E.**, Filioglou, M., Basart, S. & Chaikovsky, A., Investigating the quality of modeled aerosol profiles based on combined lidar and sunphotometer data, *Atmospheric Chemistry and Physics*, 17, 7003–7023, **2017**.
- 30|** Filioglou, M., Nikandrova, A., Niemelä, S., Baars, H., Mielonen, T., Leskinen, A., Brus, D., Romakkaniemi, S., **Giannakaki, E.** & Komppula, M., Profiling water vapor mixing ratios in Finland by means of a Raman lidar, a satellite and a model, *Atmospheric Measurements Techniques*, 10, 4303–4316, **2017**.
- 31|** Siomos, N., Balis, D. S., Voudouri, K. A., **Giannakaki, E.**, Filioglou, M., Amiridis, V., Papayannis, A. & Fragkos, K., Are EARLINET and AERONET climatologies consistent? The case of Thessaloniki, Greece, *Atmospheric Chemistry and Physics*, 18, 11885–11903, **2018**.
- 32|** Nakoudi, K., **Giannakaki, E.**, Dandou, A., Tombrou, M. & Komppula, M., Planetary boundary layer height by means of lidar and numerical simulations over New Delhi, India, *Atmospheric Measurements Techniques*, 12, 2595–2610, **2019**.
- 33|** Bohlmann, S., Shang, X., **Giannakaki, E.**, Filioglou, M., Saarto A., Romakkaniemi, S., & Komppula, M., Detection and characterization of birch pollen in the atmosphere using a multiwavelength Raman polarization lidar and Hirst-type pollen sampler in Finland, *Atmospheric Chemistry and Physics*, 19, 14559–14569, **2019**.
- 34|** Filioglou, M., Mielonen, T., Balis, D., **Giannakaki, E.**, Arola, A., Kokkola, H., Komppula, M. & Romakkaniemi, S., Aerosol effect on the cloud phase of low-level clouds over the Arctic, *Journal of Geophysical Research*, 124, 7886–7899, **2019**.
- 35|** **Giannakaki E.**, Kokkalis, P, Marinou, E., Bartsotas, N., Amiridis, V., Ansmann, A. & Komppula, M., The potential of elastic/polarization lidars to retrieve extinction profiles, *Atmospheric Measurements Techniques*, 13, 893–905, **2020**.

- 36|** Voudouri, K.A., **Giannakaki, E.**, Komppula, M., & Balis, D., Variability of cirrus cloud properties using a Polly<sup>XT</sup> Raman Lidar over high and tropical latitudes, *Atmospheric Chemistry and Physics*, 20, 4427–4444, **2020**.
- 37|** Filioglou, M., **Giannakaki, E.**, Backman, J., Kesti, J., Hirsikko, A., Engelmann, R., O'Connor, E., Leskinen J., Shang, X., Korhonen, H., Lihavainen, H., Romakkaniemi, S. & Komppula, M., Optical and geometrical aerosol particle properties over United Arab Emirates, *Atmospheric Chemistry and Physics*, 20, 8909–8922, **2020**.
- 38|** Papanikolaou, C.A., Giannakaki, E., Papayannis, A., Mylonaki M., Soupiona O., Canadian biomass burning aerosol properties modification during a long-ranged event on August 2018, *Sensors*, 20, 5442, **2020**.
- 39|** Mylonaki, M., **Giannakaki, E.**, Nicolae, D., D'Amico, G., Baars, H., Komppula, M., Papagiannopoulos, N., Papanikolaou, C.A., Papayannis, A., Floca E., Aerosol type classification analysis using EARLINET multiwavelength and depolarization lidar observations, *Atmos. Chem. Phys. Discuss.*, <https://doi.org/10.5194/acp-2020-865>, accepted, **2020**.
- 40|** Shang, X., **Giannakaki, E.**, Bohlmann, S., Filioglou, M., Saarto, A., Ruuskanen, A., Leksinen, A., Komppula, M., Optical characterization of pure pollen types using a multiwavelength Raman polarization lidar, *Atmospheric Chemistry and Physics*, 20, 15323–15339, **2020**.
- 41|** Varlas, G., Marinou, E., Gialitaki, A., Siomos, N., Tsarpalis, K., Kalivitis, N., Solomos, S., Tsekeri, A., Spyrou, C., Tsihla, M., Vervatis, V., **Giannakaki, E.**, Amiridis, V., Mihalopoulos, N., Papadopoulos, A., Katsafados, P., **Assessing sea-state effects on sea-salt aerosol modeling in the lower atmosphere using lidar and in-situ measurements**, *submitted to Remote Sensing*, Manuscript ID 1061138, **2020**.
- 42|** Bohlmann, S., Shang, X., Vakkari, V., **Giannakaki, E.**, Leskinen, A., Lehtinen, K., Pätsi, P., Komppula, M., Lidar Depolarization Ratio Observations at Multiple Wavelengths During An Intense Pollination Event, *submitted to Atmospheric Chemistry and Physics*, **2020**.

#### PUBLICATIONS IN PROCEEDINGS OF INTERNATIONAL CONFERENCES

- 1|** Balis D., V. Amiridis, S. Nickovic, A. Papayannis, C. Zerefos, E. Giannakaki, Optical Properties of Saharan dust over Thessaloniki, Greece, 22nd International Laser Radar Conference, Matera, Italy, ESA Publications Division, 869-872, 12-16 July, 2004.
- 2|** Giannakaki E., V. Amiridis, D. Balis, Cirrus measurements with a raman lidar over Thessaloniki, Greece, during Earlinet, 22nd International Laser Radar Conference, Matera, Italy, ESA Publications Division, 391-394, 12-16 July, 2004.
- 3|** Amiridis V., D. Balis, E. Giannakaki, C. Zerefos, Multilayer aerosol climatology derived from regular lidar measurements in the framework of EARLINET (2001-2004), at Thessaloniki, Greece, European Geosciences Union-General Assembly, Vienna, Austria, 24-29 April, 2005.
- 4|** Giannakaki E., V. Amiridis, D. Balis, Cirrus clouds observations at Thessaloniki with a Raman lidar in the framework of EARLINET (2001-2004), European Geosciences Union-General Assembly, Vienna, Austria, 24-29 April, 2005.

- 5|** Amiridis V., E. Giannakaki, M. Koukouli, S. Kazadzis, D. Balis, A. Bais, Evaluation of the OMI aerosol index using coincident lidar observations, 23rd International Laser and Radar conference, Nara, Japan, eds C. Nagasawa and N. Sugimoto, 777-780, 24-28 July, 2006.
- 6|** Balis D., V. Amiridis, E. Giannakaki, S. Kazadzis, A. Arola, A. Papayannis, Characteristics of biomass burning aerosols over SE Europe determined from lidar and sunphotometric measurements, 23rd International Laser and Radar conference, Nara, Japan, eds C. Nagasawa and N. Sugimoto, 317-320, 24-28 July, 2006.
- 7|** Balis D., V. Amiridis, E. Giannakaki, S. Kazadzis, C. Zerefos, A. Papayannis, The effect of fires in Russia's Southern Agricultural District on the aerosol loading over Northern Greece: Raman lidar and sunphotometric measurements of biomass burning aerosol optical properties, 7th International Symposium on Tropospheric Profiling: Needs and Technologies, Boulder, Colorado, 10-14 July, 2006.
- 8|** Giannakaki E., V. Amiridis, D. Balis, Mean optical characteristics of cirrus clouds at a mid-latitude EARLINET station, 23rd International Laser and Radar conference, Nara, Japan, eds C. Nagasawa and N. Sugimoto, 483-486, 24-28 July, 2006.
- 9|** Koukouli M., D. Balis, A. Bais, V. Amiridis, E. Giannakaki, S. Kazadzis, N. Kouremeti and O. Torres, Aerosol characterization over Northern Greece; Aerosol loading derived from satellite observations and ground-based measurements, 1st Atmospheric Science Conference, ESRI, Frascati, Italy, ESA Special Publication SP-628, 8-12 May, 2006.
- 10|** Amiridis, V., D. Balis, E. Giannakaki, S. Kazadzis, A. Arola, A. Papayannis, Characteristics of biomass burning aerosols over SE Europe determined from Lidar and Sunphotometer measurements, 4th Workshop on Lidar Measurements in Latin America, Ilhabela, São Paulo, Brazil, 17-23 June, 2007.
- 11|** Balis, D., E. Giannakaki, V. Amiridis, F. Boubouloudis, CALIPSO correlative measurements over Thessaloniki EARLINET station: First results, 4th Workshop on Lidar Measurements in Latin America, Ilhabela, São Paulo, Brazil, 17-23 June, 2007.
- 12|** Giannakaki E., D. Balis, V. Amiridis, S. Kazadzis, Optical and geometrical properties of cirrus clouds over a mid-latitude lidar station, 4th Workshop on Lidar Measurements in Latin America, Ilhabela, São Paulo, Brazil, 17-23 June, 2007.
- 13|** Giannakaki E., D. Balis, V. Amiridis, S. Kazadzis, Optical properties of cirrus clouds at a mid-latitude EARLINET station, Remote Sensing of Clouds and the Atmosphere XII, edited by Adolfo Comerón, Richard H. Picard, Klaus Schäfer, James R. Slusser, Aldo Amodeo, SPIE Florence, 2007.
- 14|** Bais A., M. Blumthaler, A. Webb, G. Seckmeyer, S. Rapsomanikis, T. Ruhtz, R. Schmid-Hauser, J. Herman, D. Balis, S. Kazadzis, B. Schallard, R. Kift, A. Cede, D. Pissula, M. Wiegner, A. Kazantzidis, N. Kouremeti, E. Giannakaki, A. Kelektoglou, Effects of aerosols on UV radiation: overview of the SCOUT-O3 campaign, European Aerosol Conference, Thessaloniki, Greece, 24-29 August, 2008.
- 15|** Balis D., E. Giannakaki, S. Bourtsoukidis, V. Amiridis and G. Georgousis, Spatial and vertical variability of aerosol optical properties within a satellite pixel over the greater area of Thessaloniki during the OMI campaign in October 2007, European Aerosol Conference, T06A159P, Thessaloniki, Greece, 24-29 August, 2008.
- 16|** Balis D., E. Giannakaki, V. Amiridis and F. Boubouloudis, CALIPSO correlative measurements over Thessaloniki EARLINET station: first results, 24th International Laser radar Conference, Boulder, Colorado, 1153-1156, 23-27 June, 2008.

- 17|** Giannakaki E., D. Balis, D. Mueller, V. Amiridis, S. Rapsomanikis and A. Bais, Estimates of microphysical properties over Thessaloniki, Greece using a Raman lidar and sunphotometric data, 24th International Laser and Radar Conference, Boulder, Colorado, 490-493, 23-27 June, 2008.
- 18|** Giannakaki E., D. Balis, V. Amiridis and M. Koukouli, Optical properties of different aerosol types determined by a Backscatter-Raman lidar at Thessaloniki, European Aerosol Conference, T06A1410, Thessaloniki, Greece, 24-29 August, 2008.
- 19|** Kazadzis S., A. Bais, A. Tanskanen, D. Balis, M. Zebila, N. Kouremeti, A. Kazantzidis, E. Giannakaki, C. Meleti, V. Amiridis, and J. Herman, OMI campaign: The effect of spatial and temporal aerosol variability on OMI solar irradiance products, European Aerosol Conference, T06A156P, Thessaloniki, Greece, 24 -29 August, 2008.
- 20|** Kazadzis S., A. Bais, D. Balis, M. Zebila, N. Kouremeti, A. Kazantzidis, E. Giannakaki, M. Koukouli, C. Meleti, V. Amiridis, J. Herman, A. Tanskanen, Evaluation of OMI-derived UV radiation, total ozone and aerosol properties against ground based measurements, 9th International conference on Meteorology, Climatology and Atmospheric Physics, Thessaloniki, Greece, 18-31 May, 2008.
- 21|** Mamouri RE, A. Papayannis., D. Nemuc, E. Nicolae, E. Giannakaki, D. Balis, G. Tsaknakis, V. Amiridis, G. Georgousis, G. Avdikos, Air mass modification observed by ground based and space borne (CALIPSO) lidars over the Balkan peninsula, 24th International Laser radar Conference, Boulder, Colorado, 502-505, 23-27 June, 2008.
- 22|** Amiridis V, E. Giannakaki E., D. Balis, I. Pytharoulis, P. Zanis, D. Melas, C. Zerefos, Injection height of smoke from biomass burning in Eastern Europe by the synergy of satellite active and passive remote sensing, International Symposium on Tropospheric Profiling: Needs and Technologies, Delft, Netherlands, 18-23 October, 2009.
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\* Δημοσίευση φοιτητή ή υποψήφιου διδάκτορα υπό την επίβλεψη μου (επίσημη ή επικουρική)

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