

**CURRICULUM VITAE**

**ATHANASIOS KAMOUTSIS**

**ASSISTANT PROFESSOR**

**AGRICULTURAL UNIVERSITY OF ATHENS**

ATHENS 2020

### **PERSONAL DATA:**

**SURENAME:** Kamoutsis

**GIVEN NAME:** Athanasios

#### **WORK ADDRESS:**

Agricultural University of Athens (A.U.A.),

School of Plant Sciences

Department of Crop Science

Section of Crops, Plant Breeding, Biometry and Meteorology,

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**MARITAL STATUS:** Married / three children

### **WORK AND AREA OF SPECIALIZATION:**

Assistant Professor (Laboratory of General and Agricultural Meteorology, A.U.A.)  
“Agricultural Meteorology and Bioclimatology”.

### **CURRENT RESEARCH INTERESTS:**

- The study of weather and climate conditions that prevail in agricultural environments and their interactions with the plant development.
- The effect of control environments-weather modification in the efficacy of plant growth regulators.
- The effect of microclimate conditions on plant phenology.
- The spatial and temporal assessment of microclimate and bioclimate parameters in agricultural, semi-mountainous, mountainous and urban areas.
- The spatial and temporal assessment of forest fire meteorological risk in natural environments.

### **STUDIES**

- 1) Degree in Agricultural Science (BSc), 1982-1987. Agricultural University of Athens, mark: (7.55).
- 2) MSc in Meteorology, 1987-89, National and Kapodistrian University of Athens, School of Science, Department of Physics.
- 3) PhD Thesis, 1999 entitled “Contribution to the study of the effect of meteorological parameters on the efficacy of the applications with ‘paclobutrazol” and “triapenthenol” on gardenia (Gardenia jasminoides, Ellis). Laboratory of General and Agricultural Meteorology, Department of Sciences, A.U.A.

### **TEACHING EXPERIENCE**

- 1) Graduate courses (lectures and laboratory sessions) on ‘Meteorology-Climatology’, ‘Agrometeorology”, Department of Greenhouse Crops and Floriculture (present name: Department of Agricultural Technology), Technological Educational Institute of Kalamata. Greece (1998-2003)

- 2) Parts of graduate courses (lectures and laboratory sessions) on ‘Meteorology’, ‘Agricultural Meteorology’ and ‘Bioclimatology’ at the Departments of A.U.A. (2000-2016, 2018-2019).
- 3) Graduate courses (lectures) on ‘Meteorology-Climatology’, ‘Climatology’, ‘Agricultural Meteorology’ (from 2016 to present) and ‘Agricultural Meteorology-Introduction on Micrometeorology’ at the Departments of A.U.A. (from 2016-17 to 2018-19).
- 4) Parts of graduate courses (laboratory sessions) on ‘Meteorology-Climatology’, ‘Climatology’, ‘Agricultural Meteorology’ (from 2016 to present) and ‘Agricultural Meteorology-Introduction on Micrometeorology’ (from 2016-17 to 2018-19) at the Departments of A.U.A.
- 5) Postgraduate courses (lectures and laboratory sessions) on ‘Extreme weather events on infrastructure’ and ‘Climate and Phytogeography’, Department of Sciences, A.U.A. (from 2004 to 2014).
- 6) Parts of postgraduate courses on ‘Plant Ecophysiology’, Department of Crop Science (2014-15, 2015-16).
- 7) Parts of postgraduate courses on ‘Topoclimatology’, ‘Climate Variability and Crops’, ‘Weather Forecast and Agricultural Warnings’ and ‘Meteorology of Forest Fires’, Department of Crop Science (2019-20).

**MEMBER:**

- ✓ Hellenic Meteorological Society (E.M.T.E.)
- ✓ European Meteorological Society (E.M.S.)
- ✓ American Meteorological Society (A.M.S.)
- ✓ International Society of Biometeorology (I.S.B.) και
- ✓ Italian Agrometeorological Association (A.I.A.M.)
- ✓ Greek Society of the Protection of Autistic People, GSPAP (Chairman of the Board).
- ✓ Representative of GSPAP at the Autism-Europe (AE) Council of Administration.

**RESEARCH PROJECTS:**

1. Collaborator of:
  - a. “*Investigation of microclimatic conditions of Greek areas and their evaluation for flower cultivation*” (21/9/1988-20/12/1988, 1/4/1989-30/11/1989)
  - b. “*Microclimate research on the flammability of the forest at the region of Parnitha, Greece*” (1/1/1992-30/6/92, 2/1/1993-1/4/1993, 1/1/1994-31/3/1994).
  - c. “*Suitability of plants in the environmental conditions of the Athens basin*” (1/4/1994 -31/3/1995).
  - d. “*Design of Eleonas green areas in relation to bioclimate in the surrounding area*” (1/9/1995 -5/1/1996).
2. Scientific director of
  - a. “*Estimation of meteorological fire risk in the Vardousia mountain areas, Prefecture of Phocis, Greece*”. (1/12/2009-30/11/2011)
  - b. “*Investigation of topoclimates and evaluation in the development of mountain areas of Aitoloakarnania, Greece*” ( from 1-6-2005 to 31/12/2007)
3. Member of research team of:
  - a. “*Telemetric systems for the remote collection and measurement of environmental parameters in the Municipality of Apodotia*” (2009-2011).
  - b. “*Infrastructures for forecasts of the fires and flood events – meteorological stations*”, of ‘*Research of the rehabilitation and development of the agriculture and forest areas after the fire events*’ (2007).

- c. “Evaluation of the energy crop *Jatropha curcas* as a mean to promote renewable and sustainable energy for the Mediterranean region” (JatroMed).
- d. “Collaborator of ‘Telemetric systems for the remote collection and measurement of environmental parameters in the Municipality of Nafpaktia’” (2012 -16).

### **AWARDS**

- Hellenic Republic Scholarship Foundation (during the academic year 1982-83 , A.U.A.).
- Third Best Poster Award of the International Society of Biometeorology on occasion of the 17th International Congress of Biometeorology ICB 2005 for the publication titled ‘**Response of grapevine (*Vitis vinifera* L.) phenology to air temperature in central Greece**’ (Annalen der Meteorologie, 2005, 41(2): 550-553) by A. Kamoutsis, A. Matsoukis and A. Chronopoulou-Sereli. Promotion of the award and the publication (in abstract form) to the website <http://excellence.minedu.gov.gr> and to hard copy form (Excellence actions in higher education, edition 2012) of the action ‘Academic and Research Excellence’ of the Ministry of Education, Religious Affairs, Civilization and Sports.

### **REVIEWER OF THE FOLLOWING JOURNALS:**

- ✓ Advances in Meteorology
- ✓ African Journal of Environmental Science and Technology
- ✓ African Journal of Agricultural Research
- ✓ Atmósfera
- ✓ Atmosphere
- ✓ Building and Environment
- ✓ Current World Environment
- ✓ European Journal of Horticultural Science
- ✓ Fresenius Environmental Bulletin
- ✓ Geomatics, Natural Hazards and Risk
- ✓ Global Change Biology
- ✓ Global Nest Journal
- ✓ Journal of Plant Breeding and Crop Science
- ✓ International Journal of Atmospheric Sciences
- ✓ International Journal of Biometeorology
- ✓ International Journal of Plant Sciences
- ✓ Theoretical and Applied Climatology

### **ASSOCIATE EDITOR OF JOURNALS**

- ✓ JOJ Horticulture & Arboriculture

### **REVIEWER OF THE CONTRIBUTIONS OF INTERNATIONAL CONFERENCES:**

- Meteorology, Climatology and Atmospheric Physics (2006, 2008, 2012)
- International Conference of Hydrogeology (2008).

### **MEMBER OF SCIENTIFIC COMITEES:**

- ✓ International Conference of Hydrogeology (2017)
- ✓ 7<sup>th</sup> Panhellenic Conference on Autism (2019)

### **BOOKS:**

A. Chronopoulou-Sereli, I. Tsiros, A. Kamoutsis, A. Matsoukis, F. Droulia, I. Charalampopoulos and C. Chronopoulos. 2012. "General and special topics of Bioclimatology, Applications-Exercises", Ziti Publications, Thessaloniki, Greece.

### **LECTURE NOTES OF LABORATORY SESSIONS:**

A. Chronopoulou-Sereli, I. Tsiros, A. Kamoutsis. "Laboratory sessions of meteorology", Laboratory of General and Agricultural Meteorology, A.U.A., Athens, Greece, 2001.

## **PUBLICATIONS**

### **a) Peer Reviewed Journals**

1. Kamoutsis A., Chronopoulou-Sereli A. and Holevas C. 1998. "Interaction of 'triapenthenol' and environmental factors on the growth and flower bud formation of *Gardenia jasminoides* Ellis. *Canadian Journal of Plant Science*, 78 (4): 635-640.
2. Chronopoulou-Sereli A., Kamoutsis A. and Chronopoulos J. 1998. "Wirkung von Paclobutrazol und Triapenthenol bei *Gardenia jasminoides* in Zusammenhang mit Temperature und Sonnenstrahlung". Effect of Paclobutrazol and Triapenthenol on the Growth and Flower Number of *Gardenia jasminoides* in Relation to Temperature and Solar Radiation. *Gartenbauwissenschaft*, 63(5): 228-234.
3. Kamoutsis A., Chronopoulou-Sereli A. and Paspatis E. 1999. "Paclobutrazol Affects Growth and Flower Bud Production in *Gardenia* Under Different Light Regimes". *HortScience*, 34 (4): 674-675.
4. Matsoukis, A., Chronopoulou-Sereli, A., Dimopoulos, I. and Kamoutsis A. 2001. "Response of *Lantana camara* L. subsp. *camara* to paclobutrazol and shading". *Canadian Journal of Plant Science*, 81(4): 761-764.
5. Dimopoulos, I.F., Tsiros, I.X., Serelis, K., Kamoutsis, A. and Chronopoulou A., 2003. "An application of Parametric and Non-Parametric Models to the Assessment of Fluoride Levels in Vegetation exposed to Stack Emissions of an Aluminum Reduction Plants in Greece". *Journal of Air Waste and Management Association*, 53(4): 396-405.
6. Dimopoulos I., Tsiros, I., Serelis K., Kamoutsis, A., and Chronopoulou, A.. 2003. "An Application of Parametric and Non-Parametric Models to the Assessment of Fluoride Levels in Vegetation Exposed to Stack Emissions of an Aluminum Reduction Plant in Greece". *Fluoride*, 36: 215-216.
7. Matsoukis A. and Kamoutsis, A. 2003. Studies on the growth of *Lantana camara* L. subsp. *camara* in relation to glasshouse environment and paclobutrazol. *Advances in Horticultural Science*, 17(3): 153-158.
8. Matsoukis, A.S., Tsiros, I. and Kamoutsis A. 2004. "Leaf Area Response of *Lantana camara* L. subsp. *camara* to Plant Growth Regulators Under Different Photosynthetic Photon Flux Conditions" *HortScience*, 39(5): 1042-1044.
9. Kamoutsis A.P., Tsiros, I. and Dimopoulos, I.D. 2004. "The role of micrometeorological parameters and paclobutrazol in vegetative growth of *Gardenia jasminoides* Ellis under greenhouse conditions". *Agricoltura Mediterranea*, 134: 25-32.
10. Kamoutsis, A., Matsoukis, A., Chronopoulou –Sereli, A. 2005. "Response of grapevine (*Vitis vinifera* L.) phenology to air temperature in Central Greece", *Annalen der Meteorologie*, Deutscher Wetterdienst, Offenbah, 41: 550-553.
11. Matsoukis, A., Kamoutsis, A., Chronopoulou-Sereli, A. and Kiokakis L. 2007. Evaluation of the phenological behavior of *Malus domestica* L. cv. Starking Delicious in relation to air temperature in Greece". *Agricoltura Mediterranea*, 137 (3-4), 146-158.

12. Kamoutsis, A., Matsoukis, A., Chronopoulos, K. and Manoli, E. 2009. "A comparative study of human thermal comfort conditions in two mountainous regions in Greece during summer". *Global Nest Journal*, 12 (4): 401-408.
13. Matsoukis A., A. Kamoutsis and A. Chronopoulou-Sereli 2009. "Air temperature and thermal comfort conditions in mountainous and urban regions". *International Journal of Sustainable Development and Planning* 4(4): 357-363.
14. Matsoukis A.S., Kamoutsis, A.P., Chronopoulos, K.I. and Fotos D.N. 2010. "Role of burned and unburned pine (*Pinus halepensis* Mill.) areas to air temperature and thermal comfort conditions". *Fresenius Environmental Bulletin*, 19 (6): 1125-1131.
15. Kamoutsis, A., Matsoukis, A. and Chronopoulou-Sereli, A. 2010. "*Triticum aestivum* L. response to average air temperature in Greece". *Italian Journal of Agrometeorology*, No (2): 51-55.
16. Chronopoulos, K., Kamoutsis, A., Matsoukis A. and Manoli, E. 2012. "An artificial neural network model application for the estimation of thermal comfort conditions in mountainous regions, Greece", *Atmósfera*, 25(2), 171-181.
17. Chronopoulos, K., Kamoutsis, A., Matsoukis A. 2012. "Thermal comfort estimation in relation to different orientation in mountainous regions in Greece by using artificial neural networks *Global Nest Journal*, 14 (4): 532-539.
18. Kamoutsis, A.P., Matsoukis A.S. and Chronopoulos, K.I. 2013. "Bioclimatic conditions under different ground cover types in the greater Athens area, Greece". *Global Nest Journal*, 15 (2): 254-260.
19. Kamoutsis, A.P., Matsoukis A.S. and Chronopoulos, K.I. 2013. "Air Temperature Estimation by Using Artificial Neural Network Models in the Greater Athens Area, Greece". *ISRN Meteorology*, Vol. 2013: 1-7.
20. Maniatis, S., Chronopoulos, K., Matsoukis, A. and Kamoutsis, A., 2017. "Statistical Models in Estimating Air Temperature in a Mountainous Region of Greece". *Current World Environment*, 12(3):547-552.
21. Matsoukis, A., Kamoutsis, A. and Chronopoulou-Sereli A., 2018. "Air temperature effect on end of flowering of *Cirsium arvense* (L.) Scop. in mountainous region of Greece". *The Journal of Animal and Plant Sciences* 28(1): 100-106.
22. Matsoukis, A., Kamoutsis, A., and Chronopoulos, K., 2018. "Estimation of the Meteorological Forest Fire Risk in a Mountainous Region by Using Remote Air Temperature and Relative Humidity Data". *International Letters of Natural Sciences*, 67: 1-8.
23. Matsoukis, A., Kamoutsis, A.P. and Chronopoulou-Sereli A., 2018. "A Note on the Flowering of *Ajuga orientalis* L. in Relation to Air Temperature in Mount Aenos (Cephalonia, Greece)". *Current Agriculture Research Journal*, 6 (3), 261-267.
24. Kamoutsis, A., Chronopoulou, K. and Matsoukis, A., 2018. "Altitude and Canopy Cover Effects on Air Temperature in a Mountainous Region of Ionian Islands, Greece". *Current World Environment* 13(3):292-298.
25. Kamoutsis, A., 2019. "The Role of Orientation on Air Temperature Variation in a Mountainous Region of Greece". *International Scientific Survey Journal*, 2(6): 1-5.
26. Paraskevopoulou, A.T. Tsarouchas, P, Londra, P. and Kamoutsis, A.P., 2020. "The Effect of Irrigation Treatment on the Growth of Lavender Species in an Extensive Green Roof System". *Water* 2020, 12 (3), 863: 1-19.

**b) Book chapters (peer reviewed)**

27. Kamoutsis A., Matsoukis, A., Charalampopoulos, I., Chronopoulou-Sereli, A. 2007. "Biometeorological conditions in mountainous communities and adjacent urban center in Greece by the use of indices: The case study of mountainous Nafpaktia district".

- Developments in Tourism Climatology. In: Matzarakis, A., de Freitas, C.R. and Scott, D. (Eds.) 3<sup>rd</sup> International Workshop on Climate, Tourism and Recreation Alexandroupolis, Greece 19-22 September 2007 Commission on Climate, Tourism and Recreation International Society of Biometeorology Freiburg, 144-149.*
28. A. Matsoukis, A. Kamoutsis, A. Bollas, and A. Chronopoulou-Sereli, 2012. "Biometeorological Conditions in the Urban Park of Nea Smirni in the Greater Region of Athens, Greece During Summer", In: *Advances in Meteorology, Climatology and Atmospheric Physics* (Helmis, C.G. and Nastos, P.T., Eds.), Springer-Verlag Berlin Heidelberg, Springer Science & Business Media, 217-222.
  29. A. Kamoutsis, A. Matsoukis, P. Kouzounas, and A. Chronopoulou-Sereli, 2012. "Phenological Response of Pear and Orange Trees to Air Temperature at Regions of Thessaly and Peloponnesus, Greece", In: *Advances in Meteorology, Climatology and Atmospheric Physics* (Helmis, C.G. and Nastos, P.T., Eds.), Springer-Verlag Berlin Heidelberg, Springer Science & Business Media, 487-492.
  30. Maniatis S., Kamoutsis A., Chronopoulou-Sereli A. and Nastos P. 2017. "Air temperature estimation over the Ainos Mountain, Kefallinia Island, using linear regression analysis". In: *Perspectives on Atmospheric Sciences, Climatology and Atmospheric Physics* (Karacostas T.S., Bais A.F. and Nastos, P.T., Eds.), Springer International Publishing AG Switzerland: 349-354.

**c) Peer reviewed papers on international conference proceedings**

31. Kamoutsis, A., I. Tsiros, A. Matsoukis and Y. Dimopoulos 2002. The combined effect of micrometeorological parameters and the growth regulator paclobutrazol on gardenia plants (*Gardenia jasminoides* Ellis). *25<sup>th</sup> Conference on Agricultural and Forest Meteorology, 12<sup>th</sup> Joint Conference on the applications of air pollution Meteorology with A&WMA, Fourth Symposium on the urban environment 20-24 May 2002 Norfolk, Virginia American Meteorological Society: 148-149.*
32. Tsiros I., Dimopoulos, Y., Kamoutsis, A. "A Screening-Level Assesment of Air-Surface Exchange of Mercury Vapor over Some Terrestrial Landscapes: Results from Environmental and Statistical models" *25<sup>th</sup> Conference on Agricultural and Forest Meteorology, 12<sup>th</sup> Joint Conference on the applications of air pollution Meteorology with A&WMA, Fourth Symposium on the urban environment 20-24 May 2002 Norfolk, Virginia American Meteorological Society: 140-141.*
33. Matsoukis, A., Kamoutsis, A., Chronopoulou-Sereli, A., Lilis, C., Adamidou, Z. 2006. "*Vitis vinifera* L. phenology as affected by air temperature in Kavala, Greece". *Proceedings of the International Conference 'Information Systems in Sustainable Agriculture, Agroenvironmental and Food Technology'* Vol. 3: 809-814.
34. Charalampopoulos, I., Kamoutsis, A., Panagiotou, I., Chronopoulou - Sereli, A. 2007. "Investigation of Bioclimatic Performance in Specific Mountain Areas in Greece and Evaluation for Decision Making in Tourism Development". *Proceedings (cd) of 6<sup>th</sup> European Conference on Applied Climatology, Human Biometeorology, Urban Climatology and Tourism*, (Ed. T. Cegnár), Ljubljana, Slovenia.
35. Matsoukis A., Kamoutsis, A., Charalampopoulos, I., Panagiotou, I., Chronopoulou-Sereli, A. 2007. "Evaluation of biometeorological conditions of mountain communities and urban center in Greece". *Proceedings of SECOTOX Conference and the International Conference on Environmental Management, Engineering, Planning and Economics* (Eds. A. Kungolos, K. Aravossis, A. Karagiannidis, P. Samaras) *Skiathos, Greece, June 24-28, 2007*, Vol. 2: 1526-1530.

36. Garofalakis I., Paliatsos, A., Tsiros I., Kamoutsis, A., Matsoukis, A. 2008. "Temporal variation of air quality in a suburban area of the Athens basin". *Proceedings of 8<sup>th</sup> Conference of Meteorology-Climatology-Atmospheric Physics*, COMECAP 2006, (Ed. A. Chronopoulou-Sereli), Athens, Greece, Vol. A', 89-95.
37. Kamoutsis, A., Matsoukis, A., Chronopoulou-Sereli A., Adamidou Z., Lilis, K. 2008. "Phenology behaviour of grapevine (*Vitis vinifera* L. cv. Italia) in relation to air temperature in East Macedonia, Greece". *Proceedings of 8<sup>th</sup> Conference of Meteorology-Climatology-Atmospheric Physics*, COMECAP 2006, (Ed. A. Chronopoulou-Sereli), Athens, Greece, Vol. A', 197-202.
38. Matsoukis A., Kamoutsis, A., Koutsouropoulou, M., Kanakis, A. 2008. "Study of meteorological parameters and the growth regulator ethephon in combination with growth of narcissus (*Narcissus* cv. Ice Follies)". *Proceedings of 8<sup>th</sup> Conference of Meteorology-Climatology-Atmospheric Physics*, COMECAP 2006, (Ed. A. Chronopoulou-Sereli), Athens, Greece, Vol. A', 364-369.
39. Matsoukis, A., Kamoutsis, A., Chronopoulou-Sereli A., 2008. "Meteorological conditions and growth of lantana (*Lantana camara* L.) after treatments with "onium type" growth regulators.". *Proceedings of 8<sup>th</sup> Conference of Meteorology-Climatology-Atmospheric Physics*, COMECAP 2006, (Ed. A. Chronopoulou-Sereli), Athens Greece, Vol. A',: 370-376.
40. Kamoutsis A., Matsoukis, A. Chronopoulou-Sereli A. and Katafigiotis L. 2008. "Effect of air temperature on start dates of wheat (*Triticum aestivum*) phenophases in Greece". *Proceedings of 9<sup>th</sup> Conference of Meteorology, Climatology and Atmospheric Physics*, COMECAP 2008, (Ed. P. Maheras), Thessaloniki, Greece, May 2008, 895-900.
41. Kamoutsis, A., Matsoukis, A., Chronopoulos, K. and Fotos, D. 2009. "Biometeorological conditions in burned and adjacent unburned areas in Peloponnese, Greece: The case study of Amalias, Prefecture of Ilia". *Proceedings of the 2<sup>nd</sup> International CEMEPE and SECOTOX Conference*, (Eds. A. Kungolos, K. Aravossis, A. Karagiannidis, P. Samaras), Mykonos, Greece, June 21-26, 2009, 2189-2194.
42. Riga, M., Kamoutsis A., Charalampopoulos I., Chronopoulou-Sereli, A. and Matsoukis, A. 2010. "Investigation of human thermal sensation in relation to environmental shaping and orientation in Agricultural University of Athens". *Proceedings of 10<sup>th</sup> Conference of Meteorology, Climatology and Atmospheric Physics*, COMECAP 2010, (Ed. A. Argiriou), Patras, Greece, May 25-28, 353-360.
43. Kamoutsis, A., Matsoukis A. Chronopoulou-Sereli A. and T. Papadimitriou T. 2014. "Air temperature conditions in relation to terrain and ground cover type in a region of the island Kefallinia, Greece". *12<sup>th</sup> International Conference of Meteorology, Climatology and Physics of the Atmosphere*, COMECAP 2014, Heraklion, Crete, Greece, 28-31 May 2014, e - book of proceedings, Vol. 1: 433-438.
44. Alevizos, I., Paraskevopoulou, A.T., Kamoutsis, A., Psychogiou, M. and Londra, P. 2017. The impact of design on the environmental contribution of street trees in Kallithea, Athens. *Acta Horticulturae (ISHS)* 1189: 251-256.

#### **d) International Conferences Abstracts**

45. A. Kamoutsis, J. Chronopoulos, E. Paspatis and A. Chronopoulou-Sereli (1998). "Effect of micrometeorological factors and of the growth retardant 'paclobutrazol' on the growth and the number of flower buds of gardenia (*Gardenia jasminoides* Ellis)".



- Nachrichten, Gesellschaft für ökologie (Gfö), Juni 1998, p. 35. Gesellschaft für ökologie (Gfö), Ulm, Germany, September 7-12, 1998.
46. Kamoutsis A., A. Matsoukis, A. Chronopoulou-Sereli and Pinas, C. 2006. "The role of air temperature on phenophases of apple (*Malus domestica* L. cv. Starking Delicious) in Zagora, Central Greece". Sixth Annual Meeting of the European Meteorological Society (EMS)/Sixth European Conference on Applied Climatology (ECAC), EMS Annual Meeting Abstracts, Ljubljana, Slovenia, Vol. 3: 413-414.
  47. Maniatis, S., Nastos, P., Moustris, K. and Kamoutsis, A., 2019. "Human thermal sensation over a mountainous area. The case of Ainos Mt., Cephalonia Island, Greece". EMS Annual Meeting Abstracts, Vol. 16, EMS2019-291, European Conference for Applied Meteorology and Climatology 2019, Copenhagen, Denmark.

#### **e) Peer reviewed papers on the conference proceedings in Greece**

48. Chronopoulou-Sereli A., Kamoutis A., Chronopoulos I., 1992. "Investigation of microclimatic conditions of Marathon area in Attica, Greece and their evaluation for flower cultivation". Proceedings of 1<sup>st</sup> Panhellenic Conference of "Meteorology, Climatology and Physics of the Atmosphere", Aristotle University of Thessaloniki, 163-170.
49. Kamoutsis A., Matsoukis A. and Chronopoulou-Sereli A. 1998. "Interaction of micrometeorological factors and the growth retardant 'triapenthenol' on the growth of *Gardenia jasminoides* Ellis and *Lantana camara* L." Proceedings of 4<sup>th</sup> Panhellenic Conference of " Meteorology, Climatology and Physics of the Atmosphere", Hellenic National Meteorological Service, Athens, Vol. 3, 367-373.
50. Kamoutsis A., Matsoukis A. and Chronopoulou-Sereli A., 2000. "Effect of light conditions and growth retardants paclobutrazol and triapenthenol on the size of stomata of the leaves of *Gardenia jasminoides*, Ellis". Proceedings of 5<sup>th</sup> Panhellenic Conference of "Meteorology, Climatology and Physics of the Atmosphere", Aristotle University of Thessaloniki, 461-467.
51. Matsoukis A., Kamoutsis A. and Chronopoulou-Sereli, A. 2000. "Development of *Lantana camara* L. subsp. *Camara* under different micrometeorological conditions and treatments with the growth retardant paclobutrazol". Proceedings of 5<sup>th</sup> Panhellenic Conference of "Meteorology, Climatology and Physics of the Atmosphere", Aristotle University of Thessaloniki, 447-452.
52. Matsoukis, A. and Kamoutsis, A. 2003. "The role of growth retardants and the photosynthetically active radiation on the leaf area of *Lantana camara* L. subsp. *camara*". Proceedings 20<sup>th</sup> Panhellenic Conference of Hellenic Society of Horticulture Science, Cyprus, Nicosia, Vol. 10: 615-618.
53. Matsoukis, A. and Kamoutsis, A. 2004. The role of micrometeorological conditions and of mepiquat chloride on the development of lantana plants (*Lantana camara* L.) Proceedings 20<sup>th</sup> Panhellenic Conference of Hellenic Society of Horticulture Science Ioannina, Vol. 11, Issue B' (Posters): 425-428.

#### **f) Papers on the conference and meeting proceedings in Greece**

54. Kamoutsis A., Chronopoulou-Sereli, A., Matsoukis, A., Charalampopoulos, I. and Panagiotou, I. 2007. Topoclimate research and evaluation on the development of mountainous areas of Aitolokarnania Proceedings of meeting of the research project

‘Environment-Pythagoras II’ A.U.A., Athens, 55-62..

55. Chronopoulou-Sereli, A., Gouma V., Kamoutsis, A., Matsoukis, A. and Tsiros, I., 2008. “Estimation of Meteorological Risk in the Fires Prevention”. Proceedings of the Scientific Conference entitled ‘*Fires 2007- From the disaster to the development*’. A.U.A., Armos Publications, Athens, 191-213.

**g) Book chapters**

56. Kamoutsis A., Chronopoulou-Sereli A., Chronopoulos I. 1990. “The role of green areas on the air temperature and humidity conditions of areas on West Attica”. *Volume “In Memorial L. Karapiperis”* (Asimakopoulos D., Theoharatos Edts), Athens, 118-124.
57. Kamoutsis A. 2015. The climate of Mt. Aenos. In: Phitos, D., Kamari, G., Katsouni, N. and Mitsainas, G. (Editors), *The Mt. Aenos of Cephalonia Island. History, Phsiography, Biodiversity, Management Body of the National Park of Mt. Aenos*, Argostoli, Cephalonia, 73-87.