

# CURRICULUM VITAE

**Dr. DIAMANDO VLACHOGIANNIS**

## Personal data

EMAIL [mandy@ipta.demokritos.gr](mailto:mandy@ipta.demokritos.gr)

## Expertise

Atmospheric Physics with applications in Environmental Quality and Climatic Change; Coordination and Management of Collaborative R&D large scale Projects with the participation of European industries and Academic entities; Funded by the European Commission: DG-Research and DG-Energy and Transport and National (Greek) Funding Entities.

## Current Employment

### Senior Researcher (*Researcher of Grade B*):

Environmental Research Laboratory (EREL), Institute of Nuclear & Radiological Sciences & Technology, Energy & Safety (*I.N.R.A.S.T.E.S.*), National Centre for Scientific Research "Demokritos";

## Education

Institution (Date from - Date to)	Degree(s) or Diploma(s) obtained:
Imperial College London, University of London, UK (1993-1997)	<b>Ph.D.</b> Dr. in Atmospheric Physics
University College London & Imperial College London, University of London, UK (1992-1993)	<b>M. Sc.</b> In Remote Sensing
University College London, University of London, UK (1989 – 1992)	<b>B. Sc.</b> Honours First Class in Astrophysics

## Fields of Research

Atmospheric modelling, Climatic research, Climatology and Climate Change and related impacts, Air Quality of urban environments, Pollutants Dispersion modelling, Impact of land use changes in meteorology and air quality in mesoscale and local scales, Emission Inventories of pollutants.

## Experience in Project Coordination and Management

- **Principal Investigator (currently) of:**

2017-2020: ERANET COFUND Climate Action and Resource Efficiency, Climate Actions and Earth Observation: "WINDSURFER: WIND and wave Scenarios, Uncertainty and climate Risk assessments for Forestry, Energy and Reinsurance" (NCSR Budget 106.125)

2017-2020: ERANET COFUND Climate Action and Resource Efficiency, Climate Actions and Earth Observation: "ECLISEA: European advances on CLimate services for coasts and SEAs" (NCSR Budget 206.875)

2017-2020: ERANET COFUND Climate Action and Resource Efficiency, Climate Actions and Earth Observation: "SERV\_FORFIRE: Integrated services and approaches for Assessing effects of climate change and extreme events for fire and post fire risk prevention" (NCSR Budget 169.125).

- **Project Coordinator of:**

2011- 2014 Scientific research project "Study of the impact of climate change and atmospheric pollution in Greece: Evaluation of future environmental and social-economic effects in local scale", funded by the Ministry of Economics and Development, under the National Strategic Reference Framework (2007-2013). (Budget 701,250 Euro)

2006-2008: Scientific research project (ETHIR) funded by the Greek Ministry of Development under the Call of "International Collaboration for Industrial Purpose". (Budget 200,000 Euro)

2001-2004: EC Research Project (5FP)AEOLUS, contract number ENK6-CT-2001-00501, Title: "Assessment Of Impact Of SF6 and PFCs Reservoir Tracers On Global Warming". (Budget 1,908,780 Euro)

## Curriculum Vitae D. Vlachogiannis

- **Work Package Leader** of 19 R&D collaborative projects funded by the EC and National Entities (General Secretariat for Research and Technology, Public Power Corporation S.A. Hellas, Greek Ministry of Environment);
- **Principal Investigator** of 14 Environmental Impact Assessment Studies contracted by Greek & European Industries (DESFA S.A., ASPROFOS, ECOMED, PAPASTRATOS, ILF Beratende Ingenieure GmbH, EXERGIA, Alfa MEASUREMENTS, Prefecture of Peloponnese; Prefecture of Attica);
- **Management support** of 15 EC (FP4, FP5, FP6, FP7, H2020) funded R&D projects and Thematic Networks with collaborators from the European Industry and Academic Research Institutes.

### Event Organisation

- COST ACTION General Meeting “VALUE” ES1102 and Workshop , September 24-26, Athens
- Numerous Project Meetings of EC FP4, FP5, FP6, FP7 projects in Greece (1999-today)

### Other Experience

- National representative and Member of the Management Committee of COST Action “Earth System Science and Environmental Management; Project ES1102: “Validating and Integrating Downscaling Methods for Climate Change Research” (2011-2015).
- Training/teaching/educational role: Supervision of: 2 PhD students (N. Politi, J. Markantonis) and numerous undergraduate Theses.
- Experience in technical and scientific information collection, management and dissemination.
- Invited Reviewer in 10 Scientific Journals:
- Invited Reviewer for major Environmental and Atmospheric Physics Conferences.
- EVALUATION of Proposals for Competitive Calls .
  - Invited by REA (EC Calls).
  - PRES *UniverSud Paris* Evaluator (Research Based University Chairs of Excellence Universities of Paris);
  - Research Promotion Foundation of Cyprus; (Public Health)

### FINANCIAL AWARDS

- 1992-1993 Science and Engineering Research Council (SERC) Studentship, Britain.
- 1993-1996 Science and Engineering Research Council (SERC) Studentship, Britain. 1994-1996 British Meteorological Office Award.

### Languages

Native Greek; English (professional level).

### Society Member

- Member of the Institute of Physics (London) since 2001 (Membership Grade AFPW).
- Member of the Royal Meteorological Society, UK (1992-1997).

### PUBLICATIONS

- Scientific Journals: 34
- Conference Proceedings (referred): 82
- Collective publications: 13
- Publishable Technical Reports: 35

### SELECTED PUBLICATIONS IN PEER REVIEWED JOURNALS

- Nadia Politi, Athanasios Sfetsos, Diamando Vlachogiannis, Panagiotis T. Nastos, Stylianos Karozis , (2020) A Sensitivity Study of High-Resolution Climate Simulations for Greece. *Climate*. 8. 44. 10.3390/cli8030044.
- Theodoros Katopodis, Markantonis Iason, Nadia Politi, Diamando Vlachogiannis, Athanasios Sfetsos, 2020. High resolution solar climate atlas for Greece under Climate Change using the Weather Research and Forecasting (WRF) model, *Atmosphere*, 11(7), 761, <https://doi.org/10.3390/atmos11070761>.
- Emmanouil G., D. Vlachogiannis, A. Sfetsos, Exploring the ability of the WRF-ARW atmospheric model to simulate different meteorological conditions in Greece, accepted for publication in *Atmospheric Research*, July 2020.

## Curriculum Vitae D. Vlachogiannis

- Katopodis T., Vlachogiannis D., Politi N., Gounaris N., Karozis S., Sfetsos A., Assessment of wind characteristics for renewable energy applications under climate change: Case study, Greece, *Journal of Renewable and Sustainable Energy*, Vol.11, Issue 6, DOI: 10.1063/1.5118878, 27 Dec, 2019.
- Varela, V., Sfetsos, A., Vlachogiannis, D., Gounaris, N, Fire Weather Index (FWI) classification for fire danger assessment applied in Greece, 2018, *Tethys, Journal of Mediterranean Meteorology and Climatology*, Nu15, 31-40, DOI:10.3369/tethys.2018.15.03.
- Nadia Politi, Panagiotis Nastos, Athanasios Sfetsos, Diamando Vlachogiannis, Nicolas Dalezios, (2018) Evaluation of the AWR-WRF model configuration at high resolution over the domain of Greece, *Atmospheric Research*, 208, pp. 229-245.
- Rössler, O., Fischer, A. M., Huebener, H., Maraun, D., Benestad, R. E., Christodoulides, P., Soares, P. M. M., Cardoso, R. M., Pagé, C., Kanamaru, H., Kreienkamp, F. and Vlachogiannis, D. (2017), Challenges to link climate change data provision and user needs – perspective from the COST-action VALUE. *Int. J. Climatol.* doi:10.1002/joc.5060
- Efthimios Tagaris, Rafaella Eleni P. Sotiropoulou, Nikos Gounaris, Spyros Andronopoulos, Diamando Vlachogiannis, Effect of the Standard Nomenclature for Air Pollution (SNAP) Categories on Air Quality over Europe, *Atmosphere* 2015, 6(8), 1119-1128; doi:10.3390/atmos6081119.
- Tagaris, E., Sotiropoulou, R. E. P., Gounaris, N., Andronopoulos, S., and Vlachogiannis, D.: Impact of biogenic emissions on ozone and fine particles over Europe: Comparing effects of temperature increase and a potential anthropogenic NOx emissions abatement strategy, *Atmospheric Environment*, 98, 214-223, 2014.
- Tagaris, E., Sotiropoulou, R. E. P., Gounaris, N., Andronopoulos, S., and Vlachogiannis, D.: Air quality over Europe: modelling gaseous and particulate pollutants, *Atmos. Chem. Phys.*, 13, 9661-9673, doi:10.5194/acp-13-9661-2013, 2013.
- A. Sfetsos and D. Vlachogiannis, An analysis of ozone variation in the Greater Athens Area using Granger Causality, *Atmospheric Pollution Research*, Volume 4, Issue 3, Pages 290-297, doi: 10.5094/APR.2013.032, July 2013.
- A. Sfetsos, D. Vlachogiannis and N. Gounaris, An Investigation Of The Factors Affecting The Ozone Concentrations In An Urban Environment, *Atmospheric and Climate Sciences*, 3, 2013.
- S. Pateraki, D.N. Asimakopoulos, J. Sciare, T. Maggos, D. Vlachogiannis, N. Gounaris, S. Karozis, A. Sfetsos and C.Vasilakos, Particles number and concentration patterns in the coastal area of Aegina, Athens, *Fresenius Environmental Bulletin*, Vol. 21, No11, 3189-3197, 2012.
- A. Papadopoulos - D. Vlachogiannis - T. Maggos - M. I. Karayiannis, Comparison of the purity of different commercially available CO<sub>2</sub> types and the effect of a simple purification procedure, *Fresenius Environmental Bulletin*, vol. 21, No 11, 3184-3188, 2012.
- D. Vlachogiannis, A. Sfetsos, N. Gounaris and A. Papadopoulos, Computational study of the effects of photovoltaic panels on meteorological patterns during a hot weather event in an urban environment, *International Journal of Environment and Pollution*, Vol. 50, 460-468, 2012.
- S. Andronopoulos, A. Sfetsos, D. Vlachogiannis, A. Yiotis and N. Gounaris, Application of adjoint CMAQ chemical transport model in the Athens Greater Area: sensitivities study on ozone concentrations, *International Journal of Environmental Pollution*, 47, Nos. 1/2/3/4, pp. 193-206, 2011.
- A. Sfetsos and D. Vlachogiannis, “A new approach to discovering the causal relationship between meteorological patterns and PM<sub>10</sub> exceedances”, *Atmospheric Research*, Vol 98, Issues 2-4, 500-511, 2010.
- A. Sfetsos and D. Vlachogiannis, “A comparison of different methodologies for the regulatory forecasting of PM10. Application in the Greater Athens Area”, *Atmospheric Environment*, Vol 44, Issue 26, 3159-3172, 2010.
- A. Sfetsos, D. Vlachogiannis, Time series forecasting of hourly PM10 using Localized Linear Models, *Journal of Software Engineering and Application*, Vol 3, 374-383, 2010.
- P. Neofytou, A.G. Venetsanos, D. Vlachogiannis, J. G. Bartzis, A. Scaperdas, CFD simulations of the wind environment around an airport terminal building, *Environ. Modelling Software*, 21, 520-524, 2006.
- D. Vlachogiannis, A. Sfetsos, A. Stubos, R. E. P. Sotiropoulou, E. Tagaris, C. Pilinis, W. Zhong, J. D. Haigh, D. O. Eriksen, S. Hartvig, C. Chatzichristos, J. Muller, R. Kleven and I. Nielsens, Assessment of the Impact of SF<sub>6</sub> and PFCs Reservoir Tracers on Global Warming, the AEOLUS study, *Environmental Sciences*, June-September 2005, 2(2-3), 263-272, 2005. <http://dx.doi.org/10.1080/15693430500396170>
- Sfetsos A., D. Vlachogiannis, N. Gounaris and A. K. Stubos, A methodology for the identification of representative days from large data sets, *Theoretical and Applied Climatology*, Volume 82, Numbers 3-4, pp. 177 – 182, 2005.
- Winiwarter W., C. Dore, G. Hayman, D. Vlachogiannis, N. Gounaris, J. G. Bartzis, S. Ekstrand, M. Tamponi and G. Meffeis, Methods for comparing gridded inventories of atmospheric emissions – applications for Milan Province, Italy and the Greater Athens Area, Greece, *The Science of the Total Environment*, 303, pp 231-243, 2003.
- Thunis P., S. Galmarini, A. Martilli, A. Clappier, S. Andronopoulos, J. Bartzis, D. Vlachogiannis, K. de Ridder, N. Moussiopoulos, P. Sahn, R. Almbauer, P. Sturm, D. Oettl, S. Dierer, H. Schluezen, MESOCOM: An inter-comparison exercise of mesoscale flow models applied to an ideal case simulation, *Atmospheric Environment*, 37, 363-382, 2003.
- Vlachogiannis D., Rafailidis S., Bartzis J. G., Andronopoulos S. and Venetsanos A. G., Modelling of Flow and Pollution in a Two-Dimensional Urban Street Canyon, *Water, Air and Soil Pollution-Focus*, 405-417, Vol 2, Issue 5-6, 2002.
- Venetsanos A.G., D. Vlachogiannis, A. Papadopoulos, S. Andronopoulos, J.G. Bartzis, Studies of pollutant dispersion from moving vehicles, *Water, Air and Soil Pollution-Focus*, 325- 337, Vol 2, Issue 5-6, 2002.
- Venetsanos A. G., Bartzis J. G., Andronopoulos S. and Vlachogiannis D., Vehicle effects on street canyon air pollution pattern, *Transactions on Ecology and the Environment*, Vol 47, pp193-202, 2001.

## Curriculum Vitae D. Vlachogiannis

- Vlachogiannis D., Andronopoulos S., Pasamichali A., Gounaris N., Bartzis J. G., A three-dimensional study of the impact of AVOC and BVOC emissions on ozone in an urban area of the Eastern Spain, *Environmental Monitoring and Assessment*, vol. 65, pp 41-48, 2000.
- Davakis E., S. Andronopoulos, D. Vlachogiannis, A. Venetsanos, J. G. Bartzis and S.G. Nychas, Validation of the Demokritos Dispersion Modelling system on the Indianapolis experiment, *Int. Journal Environment and Pollution*, vol. 16, Nos 1-6, pp 88-100, 2001.

### ARCHIVAL REFEREED PUBLICATIONS

- J. G. Bartzis, D. Vlachogiannis and A. Sfetsos, (2004), Thematic area 5: Best Practice Advice for Environmental Flows, The QNET-CFD Newsletter, Vol. 2, No. 4, 34-39.
- N. Koutsourakis, D. Vlachogiannis, A. Sfetsos and J. G. Bartzis (2003), CFD in Atmospheric Dispersion problems – State of the Art, The QNET-CFD Newsletter, Vol. 2, No. 1, 10-13.
- D. Vlachogiannis, A. Sfetsos and J. G. Bartzis (2003), Urban Scale problems, The QNET-CFD Newsletter, V. 2, No. 1, 18-21.
- Andronopoulos S., Sfetsos A., Vlachogiannis D., Yiotis A., Gounaris N., (2009), Application of adjoint CMAQ chemical transport model in the Athens greater area: Sensitivities study on ozone concentrations, *Hrvatski Meteoroloski Casopis*, Volume 43 PART 1, 2008, Pages 249-253.

### SELECTED PUBLICATIONS IN PEER REVIEWED CONFERENCE Proc. (2013-2019)

- Politi N., Markantonis J., Karozis S., Sfetsos A., Nastos P. and Vlachogiannis D., Validation of WRF high resolution climatic simulation of temperatures over Greece, 15th International Conference on Meteorology, Climatology and Atmospheric Physics, “COMECAP”, COMECOP, Ioannina, Greece, September 27-30, 2020 Postponed to May 16-19, 2021.
- Markantonis Iason, Politi Nadia, Vlachogiannis Diamando, Gounaris Nikolaos, Karozis Stylianos, Sfetsos Athanasios, Preliminary study of Compound Events in Greece using high-resolution downscaled climate data, session TS2.16/NH10.6: Compound weather and climate events, EGU General Assembly, Vienna, 3-8 May 2020.
- Markantonis Iason, Politi Nadia, Katopodis Th., Vlachogiannis Diamando, Karozis Stylianos, Sfetsos Athanasios, High resolution solar atlas for Greece under climate change, EGU General Assembly, 3-8 May 2020.
- Vassiliki Varela, Diamando Vlachogiannis, Athanasios Sfetsos, Stylianos Karozis, Rosa Lasaponara, Projection of forest fire danger due to climate change in Greece, EARSeL 2019, Digital I Earth I Observation, Remote sensing of forest fire Data, science and operational applications, Rome, 3-5 October, 2019.
- Len Shaffrey, Øyvind Breivik, Panos Athanasiadis, Ari Venäläinen, Laura Zubiate, Paula Camus, George Emmanouil, Diamando Vlachogiannis, and Ben Wichers Schreur, Understanding current and future wind and wave risks: The WINDSURFER project, EGU General Assembly, EGU2019-15957, Vienna, 7-12 April, 2019.
- Vlachogiannis D., Emmanouil G., Politi N., Sfetsos A., Statistical study of extreme waves in the Eastern Mediterranean Sea for a 30-year historical period with the wave model WAM, EGU General Assembly, EGU2019-17981, Vienna, 7-12 April, 2019.
- Sfetsos A., D. Vlachogiannis, F. Giroud, A. Clemenceau, C. Freissinet, L.M. Shakou, G. Boustras, D. Stewart, M. Wood, L.S. Vamvakieridou-Lyroudia, A.S. Chen, F. Ali, B. Ingrige, J. Lecroart, R. Hedel, S. Hahmann, I. Gkotsis, G. Eftychidis, Co-creation of climate resilience for interconnected critical infrastructures. The EU-CIRCLE approach, Climate Change Adaptation conference, Lisbon, 28 – 31 May, 2019.
- Vassiliki Varela, Diamando Vlachogiannis, Athanasios Sfetsos, Stylianos Karozis, Frederique Giroud, Evolution of forest fire danger due to climate change for two Mediterranean regions, Climate Change Adaptation conference, Lisbon, 28 – 31 May, 2019.
- Vlachogiannis Diamando, Emmanouil George, Sfetsos Athanasios, Stylianos Karozis, Seasonal forecasting for the Eastern Mediterranean region with the atmospheric model WRF and the sea waves model WAM, Climate Change Adaptation conference, Lisbon, 28 – 31 May, 2019.
- Vassiliki Varela; Diamando Vlachogiannis; Athanasios Sfetsos; Stelios Karozis; Nikolaos Gounaris; Angelos Sphyris, “High Resolution Seasonal Forest Fire Danger mapping using WRF forecasts for Greece: A tool for forest fires prevention planning and fire risk management support”, 8th International Conference on Forest Fire Research, Portugal, Coimbra, 9 to 16 Nov, 2018, 2018.
- Katopodis T., Politi N., Gounaris N., Karozis S., Vlachogiannis, D., Sfetsos A., Kaldellis J., Developing a wind atlas for Greece under future climate scenarios, 14th International Conference on Meteorology, Climatology and Atmospheric Physics, “COMECAP”, Alexandroupolis, Greece, October 15-17, 2018.
- Politi N., P.2, Sfetsos A., Vlachogiannis D., Kapsomenakis J., Nastos T, Sensitivity of WRF model initialization for regional climate dynamical downscaling in the domain of Greece, 14th International Conference on Meteorology, Climatology and Atmospheric Physics, “COMECAP”, Alexandroupolis, Greece, October 15-17, 2018.
- Maggos T., Panagopoulos P., Pateraki S., Bairachtari K., Saraga D., Vlachogianni D., Sfetsos A., Gounaris N., Emmanouil G., Dasopoulou M., Vasilakos C. Air quality and source apportionment study in the surrounding area of pomace olive oil industries in Peloponnese, Greece. 19th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Rome Italy October 4-6, 2017.
- Emmanouil G., Vlachogiannis D., Sfetsos A., The simulation of cyclone Cleopatra over Greece: WRF model sensitivity tests and evaluation, EGU General Assembly 2017, EGU2017- 12777, Vienna April 2017.

## Curriculum Vitae D. Vlachogiannis

- Athanasios Sfetsos, Diamando Vlachogiannis, Nadia Politi, Ivan Guettler, Melita Perčec Tadić and Ksenija Cindrić Kalin, The role of climate data in assessing critical infrastructure resilience to climate change, Joint Congress of the 6th International Conference on Meteorology and Climatology of the Mediterranean & Challenges in Meteorology 5, Croatia | Zagreb | 20 - 22 February, 2017.
- Athanasios Sfetsos, Nadia Politi, Nikos Gounaris, Stelios Karozis, Diamando Vlachogiannis, Investigation of the AWR-WRF model configuration at high resolution over the domain of Greece, Joint Congress of the 6th International Conference on Meteorology and Climatology of the Mediterranean & Challenges in Meteorology 5, Croatia | Zagreb | 20 - 22 February, 2017.
- Politi N., Nastos P. T., Sfetsos A., Vlachogianni D., Dalezios N. R., Kapsomenakis J., Evaluation of high resolution WRF dynamical downscaling over Greece, Mediterranean Climate Variation conference 2016, MedCLIVAR 2016, September 26-30, 2016, Athens, Greece.
- Emmanouil G., Vlachogiannis D., Sfetsos A., Karozis S., A study of an extreme hot weather event in Greece with the WRF-ARW atmospheric model, 13th International Conference on Meteorology, Climatology and Atmospheric Physics COMECAP 2016, 19-21 September 2016, Thessaloniki, Greece.
- Politi N., Nastos T. P., Sfetsos A., Vlachogianni D., Gounaris N., Cardoso M. R., Soares M. M. P., Comparison and validation of WRF Model Physics parameterizations over the Domains of Europe and Greece, 13th International Conference on Meteorology, Climatology and Atmospheric Physics COMECAP 2016, 19-21 September 2016, Thessaloniki, Greece.
- D. Vlachogiannis, A. Sfetsos, N. Gounaris and A. Papadopoulos, Investigation of atmospheric dispersion of gas compounds from an industrial installation over a realistic topography, 17th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes 9-12 May 2016, Budapest, Hungary.
- Rössler O, Benestad R, Vlachogiannis D, Huebener H, Kanamaru H, Pagé Ch, Cardoso RM, Soares PMM, Maraun D, Kreienkamp F, Christodoulides P, Fischer AM, Szabo P, Actor groups, related needs, and challenges at the climate downscaling interface, EGU General Assembly 2016, 17–22 April 2016, Vienna, Austria.
- Klampanos Iraklis, Diamando Vlachogiannis, Spyros Andronopoulos, Antonio Cofiño, Angelos Charalambidis, Rob Lokers, Stasinou Konstantopoulos and Vangelis Karkaletsis, Towards Supporting Climate Scientists and Impact Assessment Analysts with the Big Data Europe Platform, Session ESSI3.3, EGU General Assembly 2016, 17–22 April 2016, Vienna, Austria.
- Emmanouil G., Vlachogiannis D., Sfetsos A., Karozis S., Tasopoulou A., An evaluation study of WRF-ARW model with observations during a usual low pressure system over eastern Mediterranean area (Greece) and comparison of the results with an extreme weather event, Session AS1.1 Numerical weather prediction, data assimilation and ensemble forecasting, EGU General Assembly 2016, 17–22 April 2016, Vienna, Austria.
- George Emmanouil, Diamando Vlachogiannis, Athanasios Sfetsos, Stylianos N. Karozis, Climate Change and Extreme Weather Events in Mediterranean Sea: Studies with the WRF model, Our Common Future Under Climate Change 2015, International Scientific Conference, Paris, 07-10 July 2015.
- Efthimios Tagaris, Rafaella-Eleni P. Sotiropoulou, Nikos Gounaris, Spyros Andronopoulos, and Diamando Vlachogiannis, The effect of the Standard Nomenclature for Air Pollution (SNAP) categories on ozone and PM2.5 concentrations over Europe, EGU2015-4576, 2015.
- Demertzi A., Sfetsos A., Vlachogiannis D., Gounaris N., Varela V., INSTRATES, NCSR, Greece and Zachariah Adelman, UNC-Institute for the Environment 'Compilation Emission Inventory for Greece using an Economic Driven Approach', 2015 International Emission Inventory Conference, "Air Quality Challenges: Tackling the Changing Face of Emissions" San Diego, USA, EPA, April 14-16, 2015.
- E. Tagaris, R.E.P. Sotiropoulou, N. Gounaris, S. Andronopoulos and D. Vlachogiannis, Assessment of ambient air quality in European countries using CMAQ, Protection and Restoration of the Environment Conference, Skiathos, Greece, June 29- July 3, 2014.
- A. G. Megaritis, C. Fountoukis, E. Tagaris, R. E. P. Sotiropoulou, A. Sfetsos, D. Vlachogiannis and S. N. Pandis, Effects of climate change on air quality in Greece, 12th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2014, Heraklio, Greece, 28-31 May, 2014.
- Tagaris, E., Sotiropoulou R.E.P., Gounaris N., Andronopoulos S., Vlachogiannis D., Modelling air pollution in Europe and the role of anthropogenic and biogenic emissions, 12th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2014, Heraklio, Greece, 28-31 May, 2014.
- Mita C., Sfetsos A., Gounaris N., Vlachogiannis D., Karozis S., Politi N., Marinaki A., Konstantara M., Zeini K., Investigation of extreme precipitation in Greece. Can this phenomenon be attributed to atmospheric rivers?, 12th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2014, e-book of proceedings ISBN: 978-960-524-430-9, Vol 2 Page 261, Heraklio, Greece, 28-31 May 2014.
- Tagaris E., R.E.P. Sotiropoulou, N. Gounaris, S. Andronopoulos and D. Vlachogiannis, Impact of biogenic emissions on ozone and fine particles over Europe: Assessing the effect of temperature increase and the role of anthropogenic NOx emissions reduction, European Geosciences Union (EGU), General Assembly, Vienna, Austria, April, 2014.
- Athanasios Sfetsos, Diamando Vlachogiannis, Nadia Politi, Aggeliki Demertzi, Nikolaos Gounaris, Athanasios Papadopoulos, Stylianos Karozis, George Emmanouil, Anastasia Eleftheriadou, Nikolaos Moustakidis, Assessing climate change impacts in Greece through localized impact assessment models, 17th Int. Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, MESAEP, Istanbul, September 28-October 1, 2013.
- Diamando Vlachogiannis, Athanasios Sfetsos, , Stylianos N. Karozis, Nikolaos Gounaris and Constantina Mita, Mesoscale Simulation of Hot Weather Events during August 2012 in Greece, HARMO15 Conference, Madrid May, 6-9, 2013.