

CURRICULUM VITAE OF CHRISTODOULOS PILINIS

MARCH 2012

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EDUCATION

- Ph. D., Environmental Engineering** **January 1988**
California Institute of Technology
Thesis Advisor : John H. Seinfeld
Thesis Title : Mathematical Modeling of the Dynamics and Thermodynamics
of Multicomponent Atmospheric Aerosols.
Minor Field : Applied Mathematics.
- M. S., Environmental Engineering** **June 1984**
California Institute of Technology
- Dipl., Chemical Engineering** **July 1983**
National Technical University, Athens, Greece
Senior Thesis Advisor : Prof. N. Koumoutsos
Senior Thesis Title : Numerical Simulation of Shallow Solar Ponds.

PROFESSIONAL EXPERIENCE

- Dean** **9/10-**
School of Environment, University of the Aegean, Greece
- Professor** **5/09-**
Environmental Science Department, University of the Aegean, Greece
- Associate Professor** **5/05-5/09**
Environmental Science Department, University of the Aegean, Greece
- Assistant Professor** **6/97-5/05**
Environmental Science Department, University of the Aegean, Greece
- Assistant Professor** **9/94-6/97**
Division of Marine and Atmospheric Chemistry, University of Miami
- Senior Scientist** **10/93-9/94**
Environmental Quality Laboratory, California Institute of Technology

Involved in projects dealing with the development of advanced global warming models.

Senior Air Quality Specialist
ENSR C & E

4/93-10/93

Involved in research projects dealing with acid deposition, indoor pollution and long range transport.

Lecturer **10/92-3/93**

European Association for Environmental Management Education (EAEME).

EAEME, the association of 14 European Universities, with the support of EEC offers the first European Master Degree Program in Environmental Management. Students are trained in understanding the workings of EC legislation and policies together with their implementation, and in particular their interrelationships with national laws and policies. The program is offered independently in three focal points, one of which is Athens, Greece. The universities involved in this focal point are: University of Athens, Imperial College of London, University of Bologna, University of Parma and University of Tilburg. Together with professor Asimakopoulos, head of the laboratory of meteorology, we organized the complete program of the course, including labs and literature. Also involved in teaching various subjects.

Research Associate

3/92-3/93

Meteorology Laboratory, University of Athens.

Involved in various research projects dealing with the pollution in Athens, Greece. During these projects the photochemical model CALGRID was coupled with the prognostic model RAMS, in order to develop a complete modeling system. The modeling system was then applied in the Greater Athens Area to study the sources and fate of major pollutants in the area.

Greek Army

9/91-3/92

Six months compulsory army service.

Senior Atmospheric Scientist

5/88-7/91

AeroVironment Inc.

Manager in a series of air pollution research projects. These research projects dealt with the integrated problem of pollution of urban atmospheres, the interaction between gas phase chemistry, production of particulate matter, chemistry and dynamics of fog, transport and deposition of acidic species. In addition the correlation between the pollution problem in urban areas and the increased ozone levels in various rural areas was under investigation, using receptor modeling and statistical techniques. Involved in the development of a visibility model that predicts visibility degradation due to fine particulate matter. Also studied the improvements of the air quality in the South Coast Air Basin, caused by the application of various control measures, proposed by various State and Federal Agencies.

Instructor

1/91-6/91

University of Southern California

The course title was 'Special Topics in Air Pollution Modeling'. This graduate course discussed principles necessary in modeling the sources, transport and chemistry of pollutants in urban atmospheres. Emphasis was placed on physical understanding, scaling, formulation and solution on boundary value problems. Topics: Atmospheric gas- and aqueous-phase chemistry; atmospheric diffusion; fog formation and acid deposition; Langrangian and Eulerian models; model evaluation and application.

Visiting Associate

5/88-7/91

California Institute of Technology

In cooperation with Daniel Grosjean and Associates Inc. developed models to determine the fate of HCHO and other related species in Los Angeles. The goals of this work were to understand the HCHO chemistry and to investigate the effects in air pollution of increased HCHO concentrations.

Research Consultant

5/87-4/88

Daniel Grosjean and Associates, Inc.

Developed a model to determine the aerosol composition and physical state at equilibrium given the initial atmospheric conditions. The goals of this work were: to determine the magnitude of the volatile loss during the standard aerosol collection protocol, to investigate whether the loss is governed by chemical thermodynamics and to suggest an alternative protocol so that the aerosol volatilization be minimized.

NCAR scholar

6/87

National Center for Atmospheric Research

Attended the NCAR summer supercomputer workshop during which many subjects were covered extensively, including operating system software, compilers, vectorization, multiprocessing implementation, computer hardware organization and architecture, as well as general utility software, numerical methods, networking and communications.

Research Assistant

7/84-1/88

California Institute of Technology

Developed a mathematical model to predict the chemical composition and size distribution of ambient aerosols containing various organic and inorganic species. Implemented the model in a trajectory framework and employed it to estimate the size and composition distributions of aerosol in the South Coast Air Basin during the episode of August 30-31, 1982.

Research Assistant

6/82-8/82

Queen's University, Kingston, Canada (IAESTE Exch. Student)

Contributed to an experimental and theoretical study of the synthesis of liquid and gaseous hydrocarbons from a carbon monoxide and hydrogen mixture, using the Fischer-Tropsch process. Studied the dependence of the octane number of the product on the experimental conditions and attempted to predict the conditions needed to produce fuel with specific octane number.

HONORS AND AWARDS

NSF Career Award in Atmospheric Chemistry

1996

Haagen-Smit Tyler Fellowship

1983

PROFESSIONAL MEMBERSHIPS

Hellenic Association for Aerosol Research

American Association for Aerosol Research

American Geophysical Union

Greek National Technical Chamber

BOOK CHAPTERS

Pandis S. N. and Pilinis C. "In-Situ Particle Formation/Reaction Mechanisms" in "The Handbook of Environmental Chemistry" ed. O. Huntzinger, Springer Verlag, Heidelberg, 69, (1995)

Pilinis C. and Pandis S. N. "Physical, Chemical and Optical Properties of Aerosols" in "The Handbook of Environmental Chemistry" ed. O. Huntzinger, Springer Verlag, Heidelberg, 99, (1995)

JOURNAL ARTICLES

- [1] Pilinis, C., J. H. Seinfeld and C. Seigneur, 'Mathematical Modeling of the Dynamics of Multicomponent Atmospheric Aerosols', Atmospheric Environment, **21**, 943, (1987)
- [2] Pilinis, C. and J. H. Seinfeld, 'Asymptotic Solution of the Aerosol General Dynamic Equation for Small Coagulation', J. Colloid Interface Sci., **115**, 472, (1987)
- [3] Pilinis, C. and J. H. Seinfeld, 'Continued Development of a General Equilibrium Model for Inorganic Multicomponent Atmospheric Aerosols', Atmospheric Environment, **21**, 2453, (1987)
- [4] Pilinis, C. and J. H. Seinfeld, 'Development and Evaluation of an Eulerian Photochemical Gas-Aerosol Model', Atmospheric Environment, **22**, 1985, (1988)
- [5] Pilinis, C. J. H. Seinfeld and D. Grosjean, 'Water Content of Atmospheric Aerosols', Atmospheric Environment, **23**, 1601, (1989)
- [6] Pilinis, C. 'Numerical simulation of visibility degradation due to particulate matter: Model development and evaluation', J. Geophys. Res., **94**, 9937, (1989)
- [7] Pandis, S., J. H. Seinfeld and C. Pilinis 'Chemical composition differences in fog and cloud droplets of different sizes', Atmospheric Environment, **24A**, 1957, (1990)
- [8] Pandis, S., J. H. Seinfeld and C. Pilinis 'The smog-fog-smog cycle and acid deposition', J. Geophys. Res., **95**, 18489, (1990)
- [9] Pilinis, C. 'Derivation and numerical solution of the mass distribution equations for multi-component particulate systems', Atmospheric Environment, **24A**, 1923, (1990)
- [10] Pilinis, C. and R. J. Farber 'Evaluation of the effects of emission reductions on secondary particulate matter in the South Coast Air Basin of California', JAWMA, **41**, 702, (1991)
- [11] Matamala, L. V. and C. Pilinis 'Analysis of the dispersion characteristics of the Navajo Generating Station plume using a Lagrangian Monte-Carlo model', Environmental Software, **6**, 143, (1991)
- [12] Pilinis, C., S. N. Pandis and J. H. Seinfeld 'Aerosol scavenging and processing in fogs'. Precipitation Scavenging and Atmosphere Surface Exchange Processes, Hemisphere, Washington, D. C., 203, (1992)

- [13] Pandis, S. N., J. H. Seinfeld and C. Pilinis 'Heterogeneous sulfate production in an urban fog', Atmospheric Environment, **26A**, 2509, (1992)
- [14] Pilinis, C., P. Kassomenos and G. Kallos 'Modeling of the photochemical pollution in Athens, Greece: Application of the RAMS-CALGRID modeling system', Atmospheric Environment, **27B**, 353, (1993)
- [15] Bowman, F. M., C. Pilinis and J. H. Seinfeld 'Ozone and aerosol productivity of reactive organics', Atmospheric Environment, **29**, 579, (1995)
- [16] Pilinis, C., J. H. Seinfeld and S. N. Pandis 'Sensitivity of direct climate forcing by atmospheric aerosols to aerosol size and composition', J. Geophys. Res., **100**, 18739, (1995)
- [17] Pilinis, C., D. B. King, and E.S. Saltzman, 'The Oceans: A source or a sink of methyl bromide?', Geophys. Res. Lett., **23**, 817, (1996)
- [18] Nenes A., C. Pilinis and S. N. Pandis 'ISORROPIA: A new thermodynamic equilibrium model for multiphase multicomponent marine aerosols', Aquatic Geochemistry, **4**, 123, (1998)
- [19] Pilinis, C. and X. Li, 'Particle shape and internal inhomogeneity effects on the optical properties of tropospheric aerosols of relevance to climate forcing', J. Geophys. Res., **103**, 3789, (1998)
- [20] West, J. J., C. Pilinis, A. Nenes and S. N. Pandis, 'Marginal direct climate forcing by atmospheric aerosols', Atmospheric Environment, **32**, 2531, (1998)
- [21] Koloutsou-Vakakis, S., M. J. Rood, A. Nenes, and C. Pilinis 'Modeling of aerosol properties related to direct climate forcing', J. Geophys. Res., **103**, 17009, (1998)
- [22] Capaldo K. P., C. Pilinis, and S. N. Pandis 'Dynamic aerosol mass transfer in atmospheric models', J. Aero. Sci., **29**, S797, (1998)
- [23] Nenes A., C. Pilinis and S. N. Pandis 'Continued development and testing of a new thermodynamic aerosol module for urban and regional air quality models' Atmospheric Environment, **33**, 1553, (1999)
- [24] Pilinis, C., K. P. Capaldo, A. Nenes and S. N. Pandis 'MADM – A new multicomponent aerosol dynamics model', Aerosol Sci. and Technol., **32**, 482, (2000)
- [25] Capaldo K. P., C. Pilinis, and S. N. Pandis 'A computationally efficient approach for dynamic gas/aerosol transfer in air quality models', Atmospheric Environment, **34**, 3617, (2000)
- [26] Maring H., Savoie D.L., Izaguirre M.A., McCormick C., Arimoto R., Prospero J.M., C. Pilinis 'Aerosol physical and optical properties and their relationship to aerosol composition in the free troposphere at Izana, Tenerife, Canary Islands, during July 1995', J. Geophys. Res., **105**, 14677, (2000).
- [27] Bossioli E., M. Tombrou and C. Pilinis 'Adapting the Speciation of the VOCs Emission Inventory in the Greater Athens Area' Water, Air, and Soil Pollution: Focus, **2**, 141, (2002).
- [28] Tagaris E., R.E.P. Sotiropoulou, C. Pilinis and C.P. Halvadakis 'A Methodology to Estimate Odors around Landfill Sites: The Use of Methane as an "Odor Index" and Its Utility in Landfill Siting',

- Journal of Air and Waste Management Association, **53**, 629, (2003).
- [29] Tagaris E., R.E.P. Sotiropoulou, C. Pilinis and C.P. Halvadakis 'Atmospheric Methane Transport near landfill Sites', Waste Management & Research, **21**, 62, (2003).
- [30] Sotiropoulou R.E.P., E. Tagaris and C. Pilinis, 'An estimation of the spatial distribution of agricultural ammonia emissions in the Greater Athens Area', The Science of the Total Environment, **318**, 159, (2004).
- [31] Sotiropoulou R.E.P., E. Tagaris, C. Pilinis, S. Andronopoulos, A. Sfetsos and J.G. Bartzis, 'The BOND project: Biogenic aerosols and air quality in Athens and Marseille Greater Areas', J. Geophys. Res., **109**, D05205, doi:10.1029/2003JD003955, (2004).
- [32] Cabada J. C., A. Khlystov, B. Wittig, C. Pilinis and S. N. Pandis 'Light scattering by fine particles during PAQS: Measurements and modeling', J. Geophys. Res., **109**, D16S03, doi:10.1029/2003JD004155, (2004).
- [33] Vlachogiannis D., A. Sfetsos, A. K. Stubos, R. E. P. Sotiropoulou, E. Tagaris, C. Pilinis, W. Zhong, J. D. Haigh, D. O. Eriksen, S. K. Hartvig, C. Chatzichristos, J. Muller, R. Kleven and I. Nielsens 'Assessment of the impact of SF6 and PFC reservoir tracers on global warming, the AEOLOS study', Environmental Sciences, **2(2-3)**, 263 – 272, (2005)
- [34] Haralabidis P. E. and Pilinis C. 'A linear color camera model for a skylight colorimeter with emphasis on the imaging pipeline noise performance', J. Electron. Imaging, Vol. 14, 043005 (2005)
- [35] Sotiropoulou R.E.P., E. Tagaris, C. Pilinis, T. Anttila, M. Kulmala 'Modeling New Particle Formation During Air Pollution Episodes: Impacts On Aerosol And Cloud Condensation Nuclei' Aerosol Sci. and Technol., **40 (7)**, 557-572, (2006)
- [36] Haralabidis P. E. and Pilinis C. 'Skylight Color Shifts Due To Variations of Urban Industrial Aerosol Properties: Observer Color Difference Sensitivity Compared to a Digital Camera'. Accepted for publication in Aerosol Sci. and Technol. **42 (8)**, 658-673, (2008)
- [37] Polymeneas P. and Pilinis C. 'Athens air quality and importance of biogenic emissions: A case study'. Global Nest Journal **10 (2)**, 151-160, (2008)
- [38] Politis M, Pilinis C and Lekkas TD 'Ultrafine Particles (UFP) and Health Effects. Dangerous, like no other PM? Review and Analysis'. Global Nest Journal **10 (3)**, 439-452, (2008)
- [39] Stefanis N. A., Theoulakis P. and Pilinis C., 'Dry deposition effect of marine aerosol to the building stone of the medieval city of Rhodes, Greece'. Building and Environment doi:10.1016/j.buildenv.2008.03.001, (2009).
- [40] Pikridas M, Bougiatioti A, Hildebrandt L, Engelhart GJ, Kostenidou E, Mohr C, Prevot ASH, Kouvarakis G, Zampas P, Burkhardt JF, Lee BH, Psichoudaki M, Mihalopoulos N, Pilinis C, Stohl A, Baltensperger U, Kulmala M and Pandis SN, 'The Finokalia Aerosol Measurement Experiment-2008 (FAME-08): an overview', Atmospheric Chemistry and Physics, **10 (14)**, 6793-6806, (2010).
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domain during the EUCAARI May 2008 campaign”, *Atmos. Chem. Phys.*, vol. 11, p. 10331–10347, doi:10.5194/acp-11-10331-2011, (2011).

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- [43] Megaritis, A.G., C. Fountoukis, P.E. Charalampidis, C. Pilinis, and S.N. Pandis, “Response of fine particulate matter concentrations to changes of emissions and temperature in Europe”, *submitted, Atmos. Chem. Phys.*
- [44] Fountoukis, C., Koraj, D.S., H.A.C. Denier van der Gon, P.E. Charalampidis, C. Pilinis, and S.N. Pandis, “Evaluation of the PM_{2.5} Performance of a Three-Dimensional Chemical Transport Model at Different Horizontal Grid Resolutions”, in preparation.
- [45] Fountoukis, C., I. Riipinen, H.A.C. Denier van der Gon, P.E. Charalampidis, C. Pilinis, and S.N. Pandis, “Simulating ultrafine particle formation in Europe using a regional CTM: Contribution of primary emissions versus secondary formation to aerosol number concentrations”, in preparation.

CONFERENCE ARTICLES

- [1] Pandis, S., J. H. Seinfeld and C. Pilinis 'On the relation between the size and composition of fog and cloud droplets and the size and composition of atmospheric aerosol'. Presented at the 82th annual meeting of APCA, June 1989, Los Angeles, California.
- [2] Pilinis, C. 'Derivation and numerical solution of the species mass distribution equations for multicomponent particulate systems'. Presented at the AAAR annual meeting, June 1990, Philadelphia, Pennsylvania.
- [3] Farber, R. J., V. A. Mirabella, J. Baas, A. Amezcua, R. Countess, E. Wong, C. Pilinis and J. Watson 'Field measurements used to evaluate implementation programs for multiple standard

- violations'. Presented at the 83th annual meeting of AWMA, June 1990, Pittsburgh, Pennsylvania.
- [4] Pilinis, C. and S. Marsh 'Rural ozone in the Southwestern United States: Seasonal behavior, trends and sources'. Presented at the 84th annual meeting of AWMA, June 1991, Vancouver, Canada.
- [5] Pilinis, C., S. N. Pandis and J. H. Seinfeld 'Effects of Fogs on Ambient Sulfate Levels'. Presented at the 1991 annual AAAR meeting Traverse, Michigan.
- [6] Seinfeld, J. H., S. Pandis and C. Pilinis 'Heterogeneous Sulfate Production in an Urban Fog' Presented at the 1992 SCAQS Data Analysis Conference Los Angeles, California.
- [7] Pilinis, C., J. H. Seinfeld and C. S. N. Pandis ' On the uncertainty of direct climate forcing by atmospheric aerosols'. Presented at the International Specialty Conference on Aerosols and Atmospheric Optics, CSU/CIRA, September 1994, Fort Collins, Colorado.
- [8] West, J. J., S. N. Pandis, C. Pilinis and A. Nenes 'Estimates of the geographically variable marginal direct climate forcing by atmospheric aerosols' American Association for Aerosol Research Conference, October, 1996, Orlando, Florida.
- [9] West, J. J., S. N. Pandis, C. Pilinis and A. Nenes ' Sensitivity and variability of marginal direct climate forcing by atmospheric aerosols'. Presented at the Visual Air Quality: Aerosols and Global Radiation Balance Air & Waste Management Association Conference, September, 1997, Attitach Bear Peak Summit, Bartlett, New Hampshire.
- [10] West, J. J., S. N. Pandis, C. Pilinis and A. Nenes 'Marginal direct climate forcing by atmospheric aerosols' American Association for Aerosol Research Conference, October, 1997, Denver, Colorado.
- [11] West, J. J., C. Pilinis, A.S. Ansari and S. N. Pandis 'Geographic variability of marginal direct climate forcing by atmospheric aerosols' American Association for Aerosol Research Conference, June, 1998, Cincinnati, Ohio.
- [12] Capaldo, K. P., S. N. Pandis and C. Pilinis 'Evaluation of a computationally efficient hybrid approach for incorporating dynamic gas to aerosol phase transfer of volatile species' American Association for Aerosol Research Conference, June, 1998, Cincinnati, Ohio.
- [13] Capaldo, K. P., S. N. Pandis and C. Pilinis 'Dynamic aerosol mass transfer in atmospheric models' Fifth International Aerosol Conference, September, 1998, Edinburgh, Scotland.
- [14] Capaldo, K. P., S. N. Pandis and C. Pilinis 'Controlling secondary aerosol precursors versus primary emissions: Insights from an Eulerian 3D chemical transport model' Annual Meeting of the American Institute of Chemical Engineers, November, 1998, Miami Beach, Florida.
- [15] E.Bossioli, M.Tombrou, and C.Pilinis 'Adapting the speciation of the hydrocarbons emission inventory in the Greater Athens Area' Third International Conference on Urban Air Quality, Loytraki , March, 2001.
- [16] Tagaris E., R.E.P. Sotiropoulou, C. Pilinis and C.P. Halvadakis, Methane as Odor Index in Landfill Sites, 7th International Conference on Environmental science and Technology, Ermoupolis, Syros

Island, Greece, September 2001

- [17] Sotiropoulou R.E.P. and C. Pilinis. Modeling of photochemical pollution in Athens, Greece – Application of the UAM-AERO and CALGRID modeling systems. 7th International Conference on Environmental Science and Technology, Ermoupolis, Syros Island, Greece, 2001.
- [18] Kakaridou M. and C. Pilinis, Indication of Regional / Transboundary Transport on a Remote Island Site in the NE Aegean. 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, Greece, September 2002.
- [19] Sotiropoulou R.E.P., E. Tagaris, C. Pilinis, S. Andronopoulos, N. Gounaris, A. Sfetsos and J.G. Bartzis, Application of the UAM-AERO model in the Greater Athens Area, 4th International Conference on Urban air Quality – Measurements, Modeling and Management, Prague, March 2003.
- [20] Tagaris E., R.E.P. Sotiropoulou, C. Pilinis and C.P. Halvadakis, Methane production and dispersion around landfill sites, 8th International Conference on Environmental science and Technology, Limnos Island, Greece, September 2003.
- [21] Sotiropoulou R.E.P., E. Tagaris, C. Pilinis, S. Andronopoulos, N. Gounaris, A. Sfetsos and J.G. Bartzis, Estimation of particulate matter concentrations in the Greater Athens Area by means of the UAM-AERO model, 8th International Conference on Environmental science and Technology, Limnos Island, Greece, September 2003.
- [22] Sotiropoulou R.E.P., E. Tagaris and C. Pilinis, Evaluation of the UAM-AERO and CAMx air quality models using the BOND study, database, Protection and Restoration of the Environment VII, Mykonos, Greece, June 2004.
- [23] Sotiropoulou R.E.P, E. Tagaris, C. Pilinis, D. Vlachogiannis, A. Sfetsos, N. Gounaris, A. Stubos, C.Chatzichristos and R. Kleven. Estimation of the effects of SF6 and PFCS reservoir tracers on atmospheric quality in the North Sea using data from the AEOLUS study, 13th World Clean Air Congress, London, August 2004.
- [24] Sotiropoulou R.E.P., E. Tagaris, C. Pilinis, S. Andronopoulos, A. Sfetsos and J.G. Bartzis, The BOND project: Contribution of biogenic emission to the aerosol budget in the Mediterranean area, European Aerosol Conference (EAC'2004), Budapest, Hungary, September 2004.
- [25] Petäjä T., P.E.Haralabidis, I.K.Koponen, C.Pilinis, and M.Kulmala, Visibility Degradation due to Aerosol Scattering in Athens, Greece, European Aerosol Conference (EAC'2004), Budapest, Hungary, September 2004.
- [26] J.G. Bartzis, S. Andronopoulos, M. Kulmala, B. Larsen, M. Lazaridis, C. Lohse, P. Mirabel, and C. Pilinis, The Bond Project: The Marseille And Athens Experimental Campaign. An Overview, European Aerosol Conference (EAC'2004), Budapest, Hungary, September 2004.
- [27] Sfetsos, A., D. Vlachogiannis, N. Gounaris, A. Stubos, R. E. P. Sotiropoulou, E. Tagaris, C. Pilinis, C. Chatzichistos and R. Kleven, A methodology for the identification and prediction of weather types using data mining methodologies, 18th International Conference Informatics for the Environmental Protection, Geneva, Switzerland, October 2004.
- [28] Vlachogiannis, D., 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 and R. Kleven, Assessment of the Impact of SF₆ and PFCs Reservoir Tracers on Global Warming, the AEOLOS study, Fourth International Symposium on Non-CO₂ Greenhouse Gases (NCGG-4), Science, Control, Policy and Implementation, Utrecht, The Netherlands, July 2005.
- [29] Sotiropoulou R.E.P., E. Tagaris, C. Pilinis, T. Anttila and M. Kulmala, Estimation of new particle formation in Greater Athens Area, European Aerosol Conference (EAC'2005), Ghent, Belgium, August 2005.
- [30] Sotiropoulou R.E.P., E. Tagaris, C. Pilinis, T. Anttila and M. Kulmala, Modeling New Particle Formation In The Mediterranean Area, 24th Annual AAAR Conference, Austin, Texas, October 2005.
- [31] Sotiropoulou R.E.P., E. Tagaris, C. Pilinis, T. Anttila and M. Kulmala, How Biogenic Emissions Affect Aerosol Concentrations And Radiative Forcing In The Mediterranean Area, 24th Annual AAAR Conference, Austin, Texas, October 2005.
- [32] Stefanis N.A., P. Theoulakis and C. Pilinis "The decay effects of sea-salt aerosol on the surface of historic buildings", 9th International Conference on Environmental Science and Technology. Rhodes, Greece, September 2005.
- [33] Stefanis N.A., I. Karatasios, M. Kliafa, P. Theoulakis, V. Kilikoglou, and C. Pilinis "Monitoring of the deposition of airborne particulate matter on treated stone surfaces". In: The Institute of Conservation (ICON) - Conservation Science 2007, Milan, Italy. May 2007.
- [34] Polymeneas P., E. Giannopoulou and C. Pilinis "On the importance of biogenic emissions in air pollution in the greater Athens area: The episode of Jun 22 & 25, 2003", 10th International Conference on Environmental Science and Technology. Kos, Greece, September 2007.
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