

## Older contributions to Conferences from 1982-2012

Samaras Z., Moussiopoulos N., Douros I., Samaras C., Vouitsis E., Tsegas G., Chourdakis E., Mitsakis E., Salanova-Grau J.M., Aifadopoulou G., Stamos I., Gotti A. and Sarigiannis D.A. (2012), Transport emissions and their impact on air quality in Athens: a case study in the framework of TRANSPHORM project, Proceedings of the 19th International Transport and Air Pollution Conference 2012 (TAP), Thessaloniki, Greece, 26-27 November.

Achillas Ch., Malamakis A., Karagiannidis A., Moussiopoulos N. and Papantoniou G. (2012), Business plan for the development of a reuse center for electrical and electronic equipment, Proceedings of the 4th International Conference on Waste Management in Recession: New Challenges and Perspectives (HSWMA), Athens, Greece, 30 November - 01 December.

Karagiannidis A., Oikonomou N., Kalofotias A., Mavridou S., Kontogianni St., Perkoulidis G., Mpikos A., Kipouros St. and Kungolos A. (2012), The ROADTIRE project: implementation of rubberized asphalt mixture from the end-of-life tires in Greece, Proceedings of the 4th International Conference on Waste Management in Recession: New Challenges and Perspectives (HSWMA), Athens, Greece, 30 November - 01 December.

Antonopoulos I.S. and Karagiannidis A. (2012), A critical analysis in waste management in the hellenic region of Peloponnese with a life cycle assessment approach, Proceedings of the 4th International Conference on Waste Management in Recession: New Challenges and Perspectives (HSWMA), Athens, Greece, 30 November - 01 December.

Antonopoulos I.S., Karagiannidis A., Tsatsarelis Th., Perkoulidis, G and. Achillas Ch. (2012), Waste to energy strategies in Sparta Municipality in the context of life cycle approach, Proceedings of the 4th International Symposium on Energy from Biomass and Waste, Venice, Italy, 12-15 November.

Antonopoulos I.S., Gkoutetsos A., Karagiannidis A., Perkoulidis G., and Achillas Ch. (2012), Modelling of a downdraft gasifier fed by agricultural residues, Proceedings of the 4th International Symposium on Energy from Biomass and Waste, Venice, Italy, 12-15 November.

Karagiannidis A., Perkoulidis G. and Malamakis A. (2012), Development of Pay-As-You-Throw systems for solid waste management in Greece: a challenging methodology for improving municipal solid waste management systems, Proceedings of the 4th International Conference on Waste Management in Recession: New Challenges and Perspectives (HSWMA), Athens, Greece, 30 November-01 December.

Achillas Ch., Moussiopoulos N. and Karagiannidis A. (2012), Choosing among alternative WEEE management schemes: the optimal scenario for Greece, Proceedings of the 4th International Symposium on Energy from Biomass and Waste, Venice, Italy, 12-15 November.

Papadopoulos A.M. (2012), Energy-saving refurbishment of commercial buildings in Greece: potential and prospects, Proceedings of the 7th “ENERTECH 2012” International Conference on RES & Energy Sector Problems and Prospects, Athens, Greece, 01-03 November.

Moussiopoulos N. (2012), The LHTEE R&D activities in the field of photocatalysis, Proceedings of the 4th International Symposium on Transparent Conductive Materials (TCM), Hersonissos, Crete, Greece, 21-26 October.

Moussiopoulos N., Baniyas G., Douros I., Michailidou A.V. and Tsegas G. (2012), Emissions and impact on air quality from the use of alternative fuels by a cement factory in Thessaloniki, Proceedings of the 3rd International Conference on Industrial and Hazardous Waste Management, Chania, Crete, Greece, 12-14 September.

Antonopoulos I.S., Karagiannidis A, Zouboulis A. and Samaras P. (2012), Towards sustainability: the mediterranean industrial areas case, Proceedings of the 4th International Conference on Engineering for Waste and Biomass Valorisation (WASTEENG), Porto, Portugal, 10-13 September.

Antonopoulos I.S., Karagiannidis A., Tsatsarelis T. and Perkoulidis G. (2012), Waste management in Peloponnese region: a critical analysis in the frame of life cycle assessment, Proceedings of the 4th International Conference on Engineering for Waste and Biomass Valorisation (WASTEENG), Porto, Portugal, 10-13 September.

Karagiannidis A. (2012), Optimal depth of industrial products’ disassembly, Proceedings of the “Electronic Goes Green 2012+” Conference, Berlin, Germany, 09-12 September.

Karagiannidis A. (2012), Waste management in Greece in crisis scene. Current situation and perspectives, Proceedings of the 1st Environmental Conference of Thessaly, Skiathos Island, Greece, 8-10 September.

Chadiarakou S., Papadopoulos A.M. and Anastaselos D. (2012), On the impact of thermal mass and the thermal insulation’s placement on the building’s energy balance, Proceedings of the Building and Energy Conference, Xanthi, Greece, 07-08 September.

Kontogianni St., Karagiannidis A. and Alexiou G (2012), Investigation of the hazardous waste stream in a hellenic municipality, Proceedings of the 11th International Conference on Protection and Restoration of the Environment XI (PRE XI), Thessaloniki, Greece, 03-06 July.

Achillas Ch., Moussiopoulos N. and Karagiannidis A. (2012), Willingness to pay for more-waste management in Greece, Proceedings of the 11th International Conference on Protection and Restoration of the Environment XI (PRE XI), Thessaloniki, Greece, 03-06 July.

Barmpas Ph. and Moussiopoulos N. (2012), Numerical methodology for the assessment of the improvement of air quality with the application of photocatalytic covering materials in urban areas, Proceedings of the "Photocatalysis: Science and Application for Urban Air Quality". The LIFE+ PhotoPac Conference, Porticcio, Island of Corsica, France, 14-17 May.

Kontogianni St. and Karagiannidis A. (2012), Investigation of the household hazardous waste stream in a hellenic municipality view of contemporary challenges for its integrated management-preliminary results, Proceedings of the Risk-Based management of chemicals and products in a circular economy at a global scale Conference, Dresden, Germany, 08-09 May.

Kontogianni St., Karagiannidis A. and Antonopoulos I.-S. (2012), Forecasting certain hazardous waste quantities by tracing physical flows and stocks of resources in Europe for the next 25 years, Proceedings of the Risk-Based management of chemicals and products in a circular economy at a global scale Conference, Dresden, Germany, 08-09 May.

Barmpas Ph., Tsegas G., Douros I., Moussiopoulos N. and Akylas V. (2012), Assessment of the effect of multiscale interactions on the atmospheric flow and the dispersion of air pollution in the city of Paris, Proceedings of the 32nd NATO/SPS International Technical Meeting on Air Pollution Modelling and its Application (ITM), Utrecht, The Netherlands, 7-11 May.

Konstantinidou C.V. and Papadopoulos A.M. (2012), Examining the effect of the urban microclimate on the building in densely populated neighbourhoods, Proceedings of the International Conference 'Demographic and Climate Challenges in the City' Aachen, Germany, 18-20 April.

Psefteli A., Konstantinidou C.V. and Papadopoulos A.M. (2012), Urban microclimate and thermal comfort evaluation, Proceedings of the International Conference 'Demographic and Climate Challenges in the City' Aachen, Germany, 18-20 April.

Moussiopoulos N., Douros J., Tsegas G., Chourdakis E. and Ortiz S.T. (2012), An approach for determining urban concentration increments, Proceedings of the 8th International Conference on Air Quality - Science and Application (Air Quality 2012 2012), Athens, Greece, 19 – 23 March.

Karagiannidis A. (2012), Promoting low-cost schemes to achieve rational waste management. The case of the municipality of Preveza in Greece, Proceedings of the “Slovenia without Waste” Conference within the framework of ZEROWASTE project, Ptui, Slovenia, 01-02 March.

Papadopoulos A.M. and Konstantinidou Ch.-V. (2011), Thermal insulation and thermal storage in a building's envelope: a question of location, Proceedings of the 42nd International Congress on Heating, Refrigerating and Air-Conditioning, Beograd, Serbia, 29-30 November.

Antonopoulos I.S., Gkouletsos A., Karagiannidis A. and Perkoulidis G. (2011), Modelling of downdraft gasifier fed by agricultural residues, Proceedings of the Eurasia Waste Management Symposium, Halic Congress Center Istanbul, Turkey, 14-16 November.

Papadopoulos A.M. (2011), Energy supply in times of economic downturn: a quest for sustainability, Proceedings of the 15th Panhellenic Logistics Conference and 1st Southeast European Congress on Supply Chain Management, Thessaloniki, Greece, 11-12 November.

Papadopoulos A.M. (2011), Retrofit measurements for the urban Greek residential building, Proceedings of the Scientific Conference "Energy and Buildings", Larissa, Greece, 20-22 October, CD-ROM edition.

Chadiarakou S. and Papadopoulos A.M. (2011), Comparison of the old and new thermal insulation regulation in Greece, Proceedings of the Scientific Conference "Energy and Buildings", Larissa, Greece, 20-22 October, CD-ROM edition.

Papadopoulos A.M. and Anastaselos D. (2011), Design and integrated assessment of zero energy buildings, Proceedings of the Scientific Conference "Energy and Buildings", Larissa, Greece, 20-22 October, CD-ROM edition.

Papadopoulos A.M. and Konstantinidou C.V (2011), Integrated renewable energy systems in buildings: potential and perspectives of low temperature systems, Proceedings of the 15th Symposium on Thermal Science and Engineering of Serbia (SIMTERM 2011), Sokobanja, Serbia, 18-21 October.

Giama E., Slini Th., Boemi S.N. and Papadopoulos A.M. (2011), Overview of multi-criteria evaluation methods for mitigation/adaptation policy instruments, Proceedings of the 4th International Scientific Conference on “Energy and Climate Change”, Athens, Greece, 13-14 October, 23.

Boemi S.N., Slini Th. and Papadopoulos A.M. (2011), A statistical approach to the prediction of the hotel stock's energy performance, Proceedings of the 4th International Scientific Conference on "Energy and Climate Change", Athens, Greece, 13-14 October, 15.

Fragkou E., Douros I., Moussiopoulos N. and Belis C. (2011), The use and evaluation of multi-pollutant source apportionment methodologies by EU authorities and research groups, Proceedings of the 14th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (HARMO14) (J.G. Bartzis et al., eds), Kos island, Greece, 2-6 October, 772-776, electronic edition.

Barmpas F., Moussiopoulos N., Ossanlis I. and Akylas V. (2011), Dispersion of traffic emissions in the Leopold II road tunnel in Brussels under the combined influence of the ventilation system and the vehicle motion, Proceedings of the 14th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (HARMO14) (J.G. Bartzis et al., eds), Kos island, Greece, 2-6 October, 495-499, electronic edition.

Moussiopoulos N., Douros I., Tsegas G., Chourdakis E. and Ortiz S.T. (2011), An approach for determining urban concentration increments, Proceedings of the 14th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (HARMO14) (J.G. Bartzis et al., eds), Kos island, Greece, 2-6 October, 209-213, electronic edition.

Papadopoulos A.M. (2011), Redefining building shell: possibilities and limitations, Proceedings of the 6th international Conference (ENERTECH '11), Thessaloniki, Greece, 29 September-1 October.

Moussiopoulos N., Tsegas G., Douros I., Chourdakis E. and Nikolaou K. (2011), Development of an air quality management system for Thessaloniki, Proceedings of the 16th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region (MESAEP2011), Ioannina, Greece, 24-27 September.

Moussiopoulos N., Baniyas G., Douros I., Michailidou A.V. and Tsegas G. (2011), Emission estimates and air quality impacts from the use of alternative fuels by the TITAN cement factory in Thessaloniki, Proceedings of the 12th International Conference on Environmental Science and Technology (CEST2011) (T.D. Lekkas, ed), Rhodes island, Greece, 8-10 September, CD-ROM edition.

Vlachokostas Ch., Achilles Ch., Moussiopoulos N., Michailidou A.V., Baniyas G. and Lampridi M. (2011), Combined air quality and noise exposure assessment in Thessaloniki, Greece, Proceedings of the 12th International Conference on Environmental Science and Technology (CEST2011) (T.D. Lekkas, ed), Rhodes island, Greece, 8-10 September, 1979-1986, CD-ROM edition.

Halmer G., Douros I., Tsegas G. and Moussiopoulos N. (2011), Study of the direct aerosol effect in the Paris metropolitan area using a coupled meteorological – chemical transport model, Proceedings of the 12th International Conference on Environmental Science and Technology (CEST2011) (T.D. Lekkas, ed), Rhodes island, Greece, 8-10 September, 696-703, CD-ROM edition.

Barmpas F. and Moussiopoulos N. (2011), Numerical study for the transient inter-canopy transport of air pollution in the integrated indoor and outdoor environment in a densely populated urban area, Proceedings of the 12th International Conference on Environmental Science and Technology (CEST2011) (T.D. Lekkas, ed), Rhodes island, Greece, 8-10 September, 150-157, CD-ROM edition.

Kontogianni St. and Karagiannidis A. (2011), Investigation of the household hazardous waste stream in a hellenic municipality in view of contemporary challenges for its integrated management - preliminary results, Proceedings of the 1st International Conference on Waste Management in Developing Countries and Transient Economies (A. Karagiannidis and St. Kontogianni, eds), Mauritius, Africa, 5-8 September, CD-ROM edition.

Kontogianni St., Karagiannidis A. and Antonopoulos I.S. (2011), Forecasting certain hazardous waste quantities by tracing physical flows and stocks of resources in Europe for the next 25 years, Proceedings of the 1st International Conference on Waste Management in Developing Countries and Transient Economies (A. Karagiannidis and St. Kontogianni, eds), Mauritius, Africa, 5-8 September, CD-ROM edition.

Karagiannidis A., Karkanias C., Samaras P., Klapas M.E., Tzoulis E. and Prassa I. (2011), Planning for a low-cost zero waste municipality: the strategic priorities of the municipality of Preveza, Proceedings of the 1st International Conference on Waste Management in Developing Countries and Transient Economies (A. Karagiannidis and St. Kontogianni, eds), Mauritius, Africa, 5-8 September, CD-ROM edition.

Antonopoulos I.S., Zouboulis A., Samaras P. and Karagiannidis A. (2011), Development of a model for the sustainable management of industrial areas in Greece, Proceedings of the 1st International Conference on Waste Management in Developing Countries and Transient Economies (A. Karagiannidis and St. Kontogianni, eds), Mauritius, Africa, 5-8 September, CD-ROM edition.

Antonopoulos I.S., Gkouletsos A., Karagiannidis A. and Perkoulidis G. (2011), Modelling of a downdraft gasifier fed by agricultural residues, Proceedings of the 1st International Conference on Waste Management in Developing Countries and Transient Economies (A. Karagiannidis and St. Kontogianni, eds), Mauritius, Africa, 5-8 September, CD-ROM edition.

Inglezakis V., Dvorsak S., Varga J., Venetis C., Zorpas A., Ardeleanu N., Ilieva L., Karagiannidis A. and Samaras P. (2011), Municipal solid waste composition and physicochemical characteristics in Romania and Bulgaria, Proceedings of the 1st International Conference on Waste Management in Developing Countries and Transient Economies (A. Karagiannidis and St. Kontogianni, eds), Mauritius, Africa, 5-8 September, CD-ROM edition.

Antonopoulos I.S., Zouboulis A., Samaras P. and Karagiannidis A. (2011), Development of a model for the sustainable management of industrial areas in Greece, Proceedings of the 3rd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2011) & SECOTOX Conference (A. Karagiannidis et al., eds), Skiathos island, Greece, 19-24 June, 343, CD-ROM edition.

Banias G., Moussiopoulos N., Achillas Ch. and Vlachokostas Ch. (2011), Integrated management of waste from construction activities in the Aristotle University campus, Thessaloniki, Greece, Proceedings of the 3rd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2011) & SECOTOX Conference (A. Karagiannidis et al., eds), Skiathos island, Greece, 19-24 June, 336, CD-ROM edition.

Perkoulidis G., Kasampalis T. and Karagiannidis A. (2011), Estimation of packaging material and mostly organic waste quantity through the implementation of a geographic information system for PAYT implementation in a municipality of Greece, Proceedings of the 3rd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2011) & SECOTOX Conference (A. Karagiannidis et al., eds), Skiathos island, Greece, 19-24 June, 309, CD-ROM edition.

Mavridou S., Kalofotias A., Aloupis E., Oikonomou N. and Karagiannidis A. (2011), Examination of basic physical and mechanical characteristics of bituminous mixtures made of modified with crumb tire rubber bitumen (wet process), Proceedings of the 3rd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2011) & SECOTOX Conference (A. Karagiannidis et al., eds), Skiathos island, Greece, 19-24 June, 292, CD-ROM edition.

Kasampalis T., Karagiannidis A. and Perkoulidis G. (2011), SWOT analysis of different PAYT concepts in Greece, Proceedings of the 3rd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2011) & SECOTOX Conference (A. Karagiannidis et al., eds), Skiathos island, Greece, 19-24 June, 270, CD-ROM edition.

Perkoulidis G., Karagiannidis A. and Kasampalis T. (2011), Development of waste-to-energy plants database for evaluating the efficiency of energy recovery from waste in Europe, Proceedings of the 3rd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2011) & SECOTOX Conference (A. Karagiannidis et al., eds), Skiathos island, Greece, 19-24 June, 209, CD-ROM edition.

Kasampalis T., Karagiannidis A. and Perkoulidis G. (2011), Sensitivity analysis of different construction, financial and logistics schemes using rubberized asphalt on road construction, Proceedings of the 3rd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2011) & SECOTOX Conference (A. Karagiannidis et al., eds), Skiathos island, Greece, 19-24 June, 156, CD-ROM edition.

Kontogianni St. and Karagiannidis A. (2011), Recording and classification of hazardous waste treatment methods, Proceedings of the 3rd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2011) & SECOTOX Conference (A. Karagiannidis et al., eds), Skiathos island, Greece, 19-24 June, 155, CD-ROM edition.

Kasampalis T., Karagiannidis A., Achillas Ch., Perkoulidis G. and Giouniotis S. (2011), Penetration of waste-derived biofuels in the transport sector: some lessons learned from the case of Greece, Proceedings of the 3rd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2011) & SECOTOX Conference (A. Karagiannidis et al., eds), Skiathos island, Greece, 19-24 June, 154, CD-ROM edition.

Inglezakis V.J., Zorpas A.A., Karagiannidis A., Samaras P. and Voukalli I. (2011), European Union legislation on sewage sludge management, Proceedings of the 3rd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2011) & SECOTOX Conference (A. Karagiannidis et al., eds), Skiathos island, Greece, 19-24 June, 142, CD-ROM edition.

Kasampalis T., Karagiannidis A. and Perkoulidis G. (2011), Resource recovery from used tires in Greece: a field survey, state-of-art and trends, Proceedings of the 3rd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2011) & SECOTOX Conference (A. Karagiannidis et al., eds), Skiathos island, Greece, 19-24 June, 131, CD-ROM edition.



Tsatsis D.E. and Koroneos C.J. (2011), Environmental benefits from natural gas cogeneration: the case of corrugated cardboard life cycle, Proceedings of the 2nd International Exergy, Life Cycle Assessment and Sustainability Workshop & Symposium (ELCAS-2) (C.J. Koroneos et al., eds), Nisyros island, Greece, 19-21 June, 716-722, CD-ROM edition.

Nanaki E.A., Koroneos C.J. and Xydis G. (2011), Environmental impact assessment of public transportation- the case study of Athens, Proceedings of the 2nd International Exergy, Life Cycle Assessment and Sustainability Workshop & Symposium (ELCAS-2) (C.J. Koroneos et al., eds), Nisyros island, Greece, 19-21 June, 492-499, CD-ROM edition.

Xydis G., Nanaki E.A. and Koroneos C.J. (2011), The effect of Parnassus mountain on wind farm sitting – an experimental and a GIS-based industrial symbiosis study towards sustainable development, Proceedings of the 2nd International Exergy, Life Cycle Assessment and Sustainability Workshop & Symposium (ELCAS-2) (C.J. Koroneos et al., eds), Nisyros island, Greece, 19-21 June, 468-475, CD-ROM edition.

Moustakas K., Koroneos C.J., Haralambous K.J. and Loizidou M. (2011), Development of a tool for the determination of the energy content of the synthesis gas produced by a demonstration gasification/vitrification unit, Proceedings of the 2nd International Exergy, Life Cycle Assessment and Sustainability Workshop & Symposium (ELCAS-2) (C.J. Koroneos et al., eds), Nisyros island, Greece, 19-21 June, 384-392, CD-ROM edition.

Bougiouri V., Koroneos C.J. and Moropoulou A. (2011), Current trends in direction of sustainable construction – relation between environment and concrete, Proceedings of the 2nd International Exergy, Life Cycle Assessment and Sustainability Workshop & Symposium (ELCAS-2) (C.J. Koroneos et al., eds), Nisyros island, Greece, 19-21 June, 180-187, CD-ROM edition.

Morosuk T., Tsatsaronis G. and Koroneos C.J. (2011), The effect of eco-indicator on the results of exergoenvironmental analysis, Proceedings of the 2nd International Exergy, Life Cycle Assessment and Sustainability Workshop & Symposium (ELCAS-2) (C.J. Koroneos et al., eds), Nisyros island, Greece, 19-21 June, 32-43, CD-ROM edition.

Kasampalis T., Karagiannidis A. and Perkoulidis G. (2011), Sensitivity analysis of different construction, financial and logistics schemes using rubberized asphalt on road construction, Proceedings of the International Conference on Integrated Urban Solid Waste Management, Pisa, Italy, 14-15 June.

Antonopoulos I.S., Karagiannidis A. and Kalogirou E. (2011), Municipal solid waste heating value: Impacts of application appropriate waste treatment scenarios, Proceedings of the International Conference on Integrated Urban Solid Waste Management, Pisa, Italy, 14-15 June.

Karagiannidis A., Karkanias C. and Samaras P. (2011), Developing and operationalising strategic priorities for a low-cost zero waste municipality, Proceedings of the International Conference on Integrated Urban Solid Waste Management, Pisa, Italy, 14-15 June.

Achillas Ch., Aidonis D., Folinas D., Moussiopoulos N., Vlachokostas Ch. and Triantafillou D. (2011), Application of multiple objective linear programming as a tool to improve eco-design of industrial products, Proceedings of the 3rd International Conference “Management of Technology – Step to Sustainable Production” (MOTSP 2011) (G. Barić and G. Đukić, eds), Bol, island Brać, Croatia, 8-10 June.

Samaras P., Kalogirou E., Karagiannidis A., Themelis N.J. and Kalliora S. (2011), Energetic utilization of urban solid wastes: possibilities of application in Greece, Proceedings of the 8th Panhellenic Scientific Chemical Engineering Congress, Conference Center “Nicolas Germanos” Helexpo, Thessaloniki, Greece, 26-28 May (in Greek).

Papadopoulos A.M. (2011), Improving the energy efficiency of older buildings: strategies and tools, Proceedings on the 3rd International Conference on Renewable Energy Sources and Energy Efficiency, Nicosia, Cyprus, 19-20 May.

Konstantinidou C. and Papadopoulos A.M. (2011), The use of solar thermal in Greece – systems, applications and market development, Proceedings on the 3rd International Conference on Renewable Energy Sources and Energy Efficiency, Nicosia, Cyprus, 19-20 May.

Karteris M.M., Papadopoulos A.M., Malapanis D. and Sponti E. (2011), Urban solar energy potentials in Greece, Proceedings on the 3rd International Conference on Renewable Energy Sources and Energy Efficiency, Nicosia, Cyprus, 19-20 May.

Theodoridou I. (2011), Energy conservation in existing residential buildings – a different approach, Proceedings of the National Conference on Architecture, Energy and Environment in buildings and cities (ARENEP 2011) (A.M. Papadopoulos, ed), Athens, Greece, 3-4 May, 33 (in Greek).

Vranikas N. and Papadopoulos A.M. (2011), Strategic management of the museum building stock, Proceedings of the National Conference on Architecture, Energy and Environment in buildings and cities (ARENEP 2011) (A.M. Papadopoulos, ed), Athens, Greece, 3-4 May, 32 (in Greek).

Theodoridou I. and Papadopoulos A.M. (2011), Retrofitting methodology for the building stock, Proceedings of the National Conference on Architecture, Energy and Environment in buildings and cities (ARENEP 2011) (A.M. Papadopoulos, ed), Athens, Greece, 3-4 May, 31 (in Greek).

Chliopanou E., Giama E. and Papadopoulos A.M. (2011), Energy saving and environmental management to hospitals: application in “S. Paul’s” General Hospital of Thessaloniki, Proceedings of the National Conference on Architecture, Energy and Environment in buildings and cities (ARENEP 2011) (A.M. Papadopoulos, ed), Athens, Greece, 3-4 May, 30 (in Greek).

Konstantinidou C.V. and Papadopoulos A.M. (2011), The influence of thermal insulation on buildings with high thermal storage for warm climates, Proceedings of the National Conference on Architecture, Energy and Environment in buildings and cities (ARENEP 2011) (A.M. Papadopoulos, ed), Athens, Greece, 3-4 May, 24 (in Greek).

Karteris M.M. and Papadopoulos A.M. (2011), Temperature conditions in flat-roof PV systems, Proceedings of the National Conference on Architecture, Energy and Environment in buildings and cities (ARENEP 2011) (A.M. Papadopoulos, ed), Athens, Greece, 3-4 May, 22 (in Greek).

Boemi S.N., Slini Th. and Papadopoulos A.M. (2011), Greek hotel building stock – technical proposals for energy conservation, Proceedings of the National Conference on Architecture, Energy and Environment in buildings and cities (ARENEP 2011) (A.M. Papadopoulos, ed), Athens, Greece, 3-4 May, 21 (in Greek).

Androutsopoulos A., Sagia V., Theodoridou I., Konstantinidou C.V. and Papadopoulos A.M. (2011), Planning and evaluating energy conservation measurements for office buildings – the case of the administration building of CRES, Proceedings of the National Conference on Architecture, Energy and Environment in buildings and cities (ARENEP 2011) (A.M. Papadopoulos, ed), Athens, Greece, 3-4 May, 16 (in Greek).

Giama E. and Papadopoulos A.M. (2011), Ecolabelling in building sector: criteria for environmental evaluation, Proceedings of the National Conference on Architecture, Energy and Environment in buildings and cities (ARENEP 2011) (A.M. Papadopoulos, ed), Athens, Greece, 3-4 May, 12 (in Greek).

Papadopoulos A.M. (2011), Retrofitting the greek building stock – construction materials and respective strategies, Proceedings of the National Conference on Architecture, Energy and Environment in buildings and cities (ARENEP 2011) (A.M. Papadopoulos, ed), Athens, Greece, 3-4 May (in Greek).

Mavromatidis G. and Papadopoulos A.M. (2011), Thermodynamic analysis of a solar operated domestic absorption refrigerator, Proceedings of the National Conference on Architecture, Energy and Environment in buildings and cities (ARENEP 2011) (A.M. Papadopoulos, ed), Athens, Greece, 3-4 May, 4 (in Greek).

Anastaselos D., Oxizidis S., Theodoridou I. and Papadopoulos A.M. (2011), Integrated assessment tool for the energy efficiency of building – the case of a zero energy house, Proceedings of the National Conference on Architecture, Energy and Environment in buildings and cities (ARENEP 2011) (A.M. Papadopoulos, ed), Athens, Greece, 3-4 May, 2 (in Greek).

Baklanov A., Mahura A., Karppinen A., Denby B., Fountoukis C., Koraj D., Chourdakis E., Tsegas G., Halmer G., Gonzalez I., Kukkonen J., Soares J., Douros J., Riikonen K., Kangas L., Fragkou L., Cassiani M., Beekmann M., Sokhi R., Nuterman R., Finardi S., Pandis S., Korsholm U., Akylas V. and Moussiopoulos N. (2011), Megapoli WP4: megacity air quality, Proceedings of the European Geosciences Union General Assembly (EGU2011), Vienna, Austria, 3-8 April, electronic edition.

Halmer G., Douros I., Tsegas G. and Moussiopoulos N. (2011), Study of the direct aerosol effect in the Paris metropolitan area using a coupled meteorological - chemical transport model, Proceedings of the European Geosciences Union General Assembly (EGU2011), Vienna, Austria, 3-8 April, electronic edition.

Papadopoulos A.M. and Konstantinidou C.V. (2011), A state-of-art research protocol on the use of active thermal energy storage in Greece, Proceedings of the International Conference on Sustainable Systems and the Environment (ISSE2011), American University of Sharjah, Sharjah, United Arab Emirates, 23-24 March, electronic edition.

Konstantinidou C.V., Lang W. and Novoselac A. (2011), Integration of phase change materials in buildings and their performance in applications for temperature control, Proceedings of the International Conference on Sustainable Systems and the Environment (ISSE2011), American University of Sharjah, Sharjah, United Arab Emirates, 23-24 March, electronic edition.

Antonopoulos I.S., Karagiannidis A., Zouboulis A., Samaras P. and Karkanias C. (2011), Waste management in industrial areas: the case of the biggest greek industrial area in Sindos, Proceedings of the 4th Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 18-20 March, 144, CD-ROM edition.

Kontogianni St., Karagiannidis A., Antonopoulos I.S., Moussiopoulos N., Schmidt J., Weidema B., Villeneuve J. and Brunner P. (2011), Forecasting certain hazardous waste quantities by tracing physical flows and stocks of resources in Europe for the next 25 years, Proceedings of the 4th Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 18-20 March, 139, CD-ROM edition.

Achillas Ch., Vlachokostas Ch., Moussiopoulos N., Bantias G. and Skerletidou E. (2011), Assessment of abatement strategies to confront environmental pressures in the greater Thessaloniki area with the use of multicriteria analysis, Proceedings of the 4th Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 18-20 March, 138, CD-ROM edition.

Antonopoulos I.S., Karagiannidis A. and Kalogirou E. (2011), Estimation of municipal solid waste heating value in Greece in the frame of formulating appropriate scenarios on waste treatment, Proceedings of the 4th Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 18-20 March, 95, CD-ROM edition.

Karagiannidis A., Karkanias C. and Samaras P. (2011), Developing and operationalising strategic priorities for a low-cost zero waste municipality, Proceedings of the 4th Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 18-20 March, 94, CD-ROM edition.

Bantias G., Moussiopoulos N., Achillas Ch. and Vlachokostas Ch. (2011), Construction and demolition waste management in the region of Central Macedonia with the use of a web-based tool, Proceedings of the 4th Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 18-20 March, 93, CD-ROM edition.

Vlachokostas Ch., Moussiopoulos N., Achillas Ch. and Michailidou A.V. (2011), Integrated assessment of urban air pollution control options: application for Thessaloniki, Greece, Proceedings of the 4th Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 18-20 March, 43, CD-ROM edition.

Moussiopoulos N., Douros I., Tsegas G., Chourdakis E. and Kleanthous S. (2011), An air quality management system for Cyprus, Proceedings of the 4th Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 18-20 March, 42, CD-ROM edition.

Papadopoulos A.M. (2010), Sustainable building in urban areas: challenges and hurdles for the coming decade, Proceedings of the 41st International Congress and Exhibition on Heating, Refrigeration and Air Conditioning (B. Todorovic, ed), Belgrade, Serbia, 1-3 December, 9, CD-ROM edition.

Moussiopoulos N., Douros I., Tsegas G. and Barmpas Ph. (2010), Wind flow and air pollutant transport modelling for urban scale applications, Proceedings of the 7th Panhellenic Congress on "Fluid Flow Phenomena" (FLOW2010) (A. Goulas et al. eds), Thessaloniki, Greece, 12-13 November, 27-37, CD-ROM edition.

Denafas G., Zavaraukas K., Martuzevičius D., Vitkauskaite L., Ludwig Ch., Hoffman M., Shmarin S., Mykhaylenko V., Chusov A., Romanov M., Negulyaeva E., Lednova Y., Turkadze Ts., Bochoidze I., Butskhrikidze B., Karagiannidis A., Antonopoulos I.S., Kriipsalu M. and Horttanainen M. (2010), Seasonal aspects of municipal solid waste generation and composition in east-european countries with respect to waste management system development, Proceedings of the 3rd International Symposium on Energy from Biomass and Waste (VENICE 2010), Venice, Italy, 8-11 November, CD-ROM edition.

Elefsiniotis L., Karagiannidis A. and Antonopoulos I.S. (2010), A new multi-stage gasification scheme for decentralized waste-to-energy options, Proceedings of the 3rd International Symposium on Energy from Biomass and Waste (VENICE 2010), Venice, Italy, 8-11 November, CD-ROM edition.

Antonopoulos I.S., Karagiannidis A. and Kalogirou E. (2010), Estimation of municipal solid waste heating value in Greece in the frame of formulating appropriate scenarios on waste treatment, Proceedings of the 3rd International Symposium on Energy from Biomass and Waste (VENICE 2010), Venice, Italy, 8-11 November, CD-ROM edition.

Karagiannidis A., Barton J.R., Karkanias C., Kalogirou E. and Papageorgiou A. (2010), Estimation of the climate change impact of municipal solid waste management: the case study of Athens greater area, Proceedings of the 3rd International Symposium on Energy from Biomass and Waste (VENICE 2010), Venice, Italy, 8-11 November, CD-ROM edition.

Samaras P., Karagiannidis A., Kalogirou E., Themelis N. and Kontogianni St. (2010), An inventory of characteristics and treatment processes for fly ash from waste-to-energy facilities for municipal solid wastes, Proceedings of the 3rd International Symposium on Energy from Biomass and Waste (VENICE 2010), Venice, Italy, 8-11 November, CD-ROM edition.

Mohee R., Karagiannidis A., Themelis N. and Kontogianni St. (2010), The mounting problems with managing wastes in rapidly developing islands: the mauritius case, Proceedings of the 3rd International Symposium on Energy from Biomass and Waste (VENICE 2010), Venice, Italy, 8-11 November, CD-ROM edition.

Samaras P., Karagiannidis A., Kalogirou E., Themelis N., Kontogianni St. and Moussiopoulos N. (2010), A systemic approach on characteristics and treatment processes for hazardous wastes: the case of fly-ash from waste-to-energy facilities for municipal solid wastes, Proceedings of the 5th International Symposium on in Situ Nuclear Metrology as a tool for Radioecology (INSINUME2010) (M.G. Itkis et al. eds), Dubna, Russia, 20-23 October, 84.

Karagiannidis A., Perkoulidis G., Sanida G., Samaras P. and Moussiopoulos N. (2010), Managing hazardous wastes: a multi-criteria decision support system with a case-study on infectious medical wastes for central macedonia, Greece, Proceedings of the 5th International Symposium on in Situ Nuclear Metrology as a tool for Radioecology (INSINUME2010) (M.G. Itkis et al. eds), Dubna, Russia, 20-23 October, 56.

Karteris M.M. and Papadopoulos A.M. (2010), An assessment of greek legislative framework for photovoltaics, Proceedings of the 3rd International Scientific Conference on “Energy and Climate Change”, Athens, Greece, 7-8 October, 206-211, CD-ROM edition.

Athanasaki M. and Papadopoulos A.M. (2010), Integration of renewable energy systems in buildings: a legal perspective, Proceedings of the 3rd International Scientific Conference on “Energy and Climate Change”, Athens, Greece, 7-8 October, 190-195, CD-ROM edition.

Boemi S.N., Papadopoulos A.M. and Mihalakakou G. (2010), Creating a hotel building stock model focused on energy consumption, Proceedings of the 3rd International Scientific Conference on “Energy and Climate Change”, Athens, Greece, 7-8 October, 37-42, CD-ROM edition.

Moussiopoulos N. (2010), Integrated end-of-life management of electrical and electronic equipment, Proceedings of the 2nd International Conference on Hazardous and Industrial Waste Management (HIWM 2010) (E. Gidakos et al. eds), Chania, Crete, Greece, 5-8 October, CD-ROM edition.

Samaras P., Karagiannidis A., Kalogirou E., Themelis N., Moussiopoulos N. and Kontogianni St. (2010), An inventory of characteristics and treatment processes for fly ash from waste-to-energy facilities for municipal solid wastes, Proceedings of the 2nd International Conference on Hazardous and Industrial Waste Management (HIWM 2010) (E. Gidakos et al. eds), Chania, Crete, Greece, 5-8 October, CD-ROM edition.

Moussiopoulos N., Koroneos C.J., Achillas Ch. and Vlachokostas Ch. (2010), Hazardous waste minimisation through redesign of industrial products: the case of netmod, Proceedings of the 2nd International Conference on Hazardous and Industrial Waste Management (HIWM 2010) (E. Gidakos et al. eds), Chania, Crete, Greece, 5-8 October, CD-ROM edition.

Elefsiniotis L., Karagiannidis A., Antonopoulos I.S., Moussiopoulos N. and Kontogianni St. (2010), A three-stage, steady-bed gasifier for municipal solid waste and biomass, Proceedings of the 2nd International Conference on Hazardous and Industrial Waste Management (HIWM 2010) (E. Gidakos et al. eds), Chania, Crete, Greece, 5-8 October, CD-ROM edition.

Kontogianni St., Karagiannidis A., Antonopoulos I.S., Moussiopoulos N., Schmidt J., Weidema B., Villeneuve J. and Brunner P. (2010), Forecasting hazardous waste quantities by tracing physical flows and stocks of resources in Europe for the next 25 years, Proceedings of the 2nd International Conference on Hazardous and Industrial Waste Management (HIWM 2010) (E. Gidarakos et al. eds), Chania, Crete, Greece, 5-8 October, CD-ROM edition.

Achillas Ch., Aidonis D., Vlachokostas Ch., Iakovou E., Moussiopoulos N. and Baniass G. (2010), Introducing external costs in the decision making of multi-type carriers for the transportation of waste electrical and electronic equipment, Proceedings of the 1st Olympus International Conference on Supply Chains (ICSC) (D. Aidonis et al. eds), Katerini, Greece, 1-2 October, CD-ROM edition.

Moussiopoulos N., Baniass G., Aidonis D., Anastaselos D., Achillas Ch., Vlachokostas Ch., Iakovou E. and Papadopoulos A.M. (2010), Estimating costs for the integrated management of waste from construction activities, Proceedings of the 1st Olympus International Conference on Supply Chains (ICSC) (D. Aidonis et al. eds), Katerini, Greece, 1-2 October, CD-ROM edition.

Boemi S.N., Slini T. and Papadopoulos A.M. (2010), A statistical approach to the prediction of the hotel stock's energy performance, Proceedings of the 3rd International Conference on Passive and Low Energy Cooling for the Built Environment (PALENC 2010), Rhodes island, Greece, 29 September-1 October.

Athanasaki M. and Papadopoulos A.M. (2010), Legal issues when implementing energy renovation measures in multi-family buildings, Proceedings of the 3rd International Conference on Passive and Low Energy Cooling for the Built Environment (PALENC 2010), Rhodes island, Greece, 29 September-1 October.

Chadiarakou S. and Papadopoulos A.M. (2010), Comparison of the old and new thermal insulation regulation in Greece, Proceedings of the 3rd International Conference on Passive and Low Energy Cooling for the Built Environment (PALENC 2010), Rhodes island, Greece, 29 September-1 October.

Halmer G., Douros I., Tsegas G. and Moussiopoulos N. (2010), Using a coupled meteorological and chemical transport modelling scheme to evaluate the impact of the aerosol direct effect on pollutant concentration fields in Paris, Proceedings of the 31st NATO/SPS International Technical Meeting on Air Pollution Modelling and its Application (ITM2010) (D.G. Steyn and S.T. Rao, eds), Torino, Italy, 27 September-1 October, 1.4, CD-ROM edition.

Papastergiadis E., Nathanail E., Sampalioti D., Sklari S., Chasiotis A., Lollo K., Karagiannidis A. and Samaras P. (2010), The use of steelmaking slag for sewage sludge stabilization, Proceedings of the 10th International Conference on Protection & Restoration of the Environment (PRE 10) (T. Albanis et al. eds), Corfu, Greece, 5-9 July, 191, CD-ROM edition.



Karagiannidis A., Karkanias C., Samaras P., Klapas M.E., Tzoulis E. and Prassa I. (2010), Planning for a low-cost zero waste municipality: the strategic priorities of the municipality of Preveza, Proceedings of the 10th International Conference on Protection & Restoration of the Environment (PRE 10) (T. Albanis et al. eds), Corfu, Greece, 5-9 July, 187, CD-ROM edition.

Nitis T. and Moussiopoulos N. (2010), Implementation and evaluation of a land surface modification scheme on mesoscale meteorological model, Proceedings of the 10th International Conference on Protection & Restoration of the Environment (PRE 10) (T. Albanis et al. eds), Corfu, Greece, 5-9 July, 170, CD-ROM edition.

Ossanlis I., Barmpas Ph. and Moussiopoulos N. (2010), Numerical analysis of risk assessment in road tunnels using different fire scenarios and CFD techniques, Proceedings of the 10th International Conference on Protection & Restoration of the Environment (PRE 10) (T. Albanis et al. eds), Corfu, Greece, 5-9 July, 134, CD-ROM edition.

Boemi S.N., Papadopoulos A.M., Fotiadis Th. and Mihalakakou G. (2010), A study of energy performance of the greek hotel sector, Proceedings of the 10th International Conference on Protection & Restoration of the Environment (PRE 10) (T. Albanis et al. eds), Corfu, Greece, 5-9 July, 112, CD-ROM edition.

Moussiopoulos N., Vlachokostas Ch., Baniias G., Achillas Ch. and Tsatsanias Ch. (2010), Environmental impacts from the operation of alternative construction and demolition waste management facilities, Proceedings of the 10th International Conference on Protection & Restoration of the Environment (PRE 10) (T. Albanis et al. eds), Corfu, Greece, 5-9 July, 79, CD-ROM edition.

Moussiopoulos N., Achillas Ch., Vlachokostas Ch., Baniias G. and Kafetzopoulos G. (2010), Survey on social acceptance for the development of a waste-to-energy plant in Thessaloniki, Greece, Proceedings of the 10th International Conference on Protection & Restoration of the Environment (PRE 10) (T. Albanis et al. eds), Corfu, Greece, 5-9 July, 75, CD-ROM edition.

Karagiannidis A., Perkoulidis G., Sanida G. and Samaras P. (2010), A multi-criteria assessment of scenarios on thermal processing of infectious hospital wastes at regional level, Proceedings of the 10th International Conference on Protection & Restoration of the Environment (PRE 10) (T. Albanis et al. eds), Corfu, Greece, 5-9 July, 65, CD-ROM edition.

Zorpas A.A., Costa C.N., Karagiannidis A. and Inglezakis V. (2010), Intergraded management system for the detoxification of the waste from olive oil industry in Cyprus, Proceedings of the 7th International Conference on Organic Resources in the Carbon Economy (ORBIT 2010) (K. Lasaridi et al., eds), Heraklion, Crete, Greece, 29 June-3 July, 1066-1073, CD-ROM edition.

Elefsiniotis L., Karagiannidis A. and Antonopoulos I.S. (2010), An innovative 3-stage steady-bed gasifier for municipal solid waste and biomass technology presentation, Proceedings of the 7th International Conference on Organic Resources in the Carbon Economy (ORBIT 2010) (K. Lasaridi et al., eds), Heraklion, Crete, Greece, 29 June-3 July, 770-777, CD-ROM edition.

Antonopoulos I.S., Karagiannidis A., Kontogianni St., Kranert M., Berechet M., Hafner G., Schmidt H., Weidema Bo P., Brunner P.H., Villeneuve J., Lemiere B., Rejman-Burzynska A., Jedrrysik E. and Daxbeck H. (2010), Forecasting organic waste quantities by tracing physical flows and stocks of resources in EU-27 for the next 25 years, Proceedings of the 7th International Conference on Organic Resources in the Carbon Economy (ORBIT 2010) (K. Lasaridi et al., eds), Heraklion, Crete, Greece, 29 June-3 July, 109-116, CD-ROM edition.

Karagiannidis A., Karkanias C., Papageorgiou A., Barton J.R. and Kalogirou E. (2010), Assessment of the climate change impact of municipal solid waste management scenarios in greater Athens area, Proceedings of the 7th International Conference on Organic Resources in the Carbon Economy (ORBIT 2010) (K. Lasaridi et al., eds), Heraklion, Crete, Greece, 29 June-3 July, 71-77, CD-ROM edition.

Slini Th., Pavlidou N. and Moussiopoulos N. (2010), Training young scientists at the school of engineering, AUTH, Proceedings of the 5th International Conference on Interdisciplinarity in Education ICIE'10 (M.G. Ioannides, ed), Tallinn, Esthonia, 17-19 June, 124-127, CD-ROM edition.

Karagiannidis A. and Oikonomou K. (2010), Greece confronted with the new waste framework directive, Proceedings of the EU Waste Management 2010-European waste management in the view of the waste framework directive (M.K. Weidemeier, ed), Cologne, Germany, 8-9 June, 55-61.

Fragkou E., Douros I. and Moussiopoulos N. (2010), The use of models for source apportionment and for assessing the contribution of natural sources in response to the air quality directive, Proceedings of the 13th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (HARMO13) (A. Albergel et al., eds), Paris, France, 1-4 June, 985-989, electronic edition.

Moussiopoulos N., Tsegas G., Douros I., Chourdakis E. and Kleanthous S. (2010), An air quality management system for Cyprus: development and evaluation, Proceedings of the 13th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (HARMO13) (A. Albergel et al., eds), Paris, France, 1-4 June, 379-382, electronic edition.

Koroneos C.J., Kosmidou M. and Grigoriadis Th. (2010), Thermodynamic, economic and environmental analysis of a lignite-fired power plant with coal capture, Proceedings of the Scientific Conference on Energy: Present situation, Planning and Perspectives, Athens, Greece, 5-10 March (in Greek).

Theodoridou I., Theodorakopoulou P., Theodosiou T.G. and Papadopoulos A.M. (2010), Analysis of the greek building stock and perspectives for energy conservation in the urban residential sector, Proceedings of the Scientific Conference on Energy: Present situation, Planning and Perspectives, Athens, Greece, 5-10 March (in Greek).

Balla Ch. and Papadopoulos A.M. (2010), Certification and application of thermal insulation materials for the upgrading of existing buildings, Proceedings of the Scientific Conference on Energy: Present situation, Planning and Perspectives, Athens, Greece, 5-10 March (in Greek).

Boemi S.N. and Papadopoulos A.M. (2009), Energy performance of the greek hotel sector, Proceedings of the 40th International Congress and Exhibition on Heating Refrigerating and Air Conditioning (KGH 2009) (B. Todorovic, ed), Belgrade, Serbia, 2-4 December, CD-ROM edition.

Papadopoulos A.M. (2009), How is thermal insulation implemented into practice, Proceedings of the 40th International Congress and Exhibition on Heating Refrigerating and Air Conditioning (KGH 2009) (B. Todorovic, ed), Belgrade, Serbia, 2-4 December, CD-ROM edition.

Malamakis A., Karagiannidis A. and Kouvaritakis L. (2009), Study on production patterns and characteristics of non-household, non-hazardous municipal wastes, Proceedings of the 3rd International Conference and Exhibition of the Hellenic Solid Waste Management (K. Mpourkas et al., eds), Athens, Greece, 30-31 October, 165, CD-ROM edition.

Papageorgiou A. and Karagiannidis A. (2009), Evaluating treatment scenarios for Attica's urban solid waste management, Proceedings of the 3rd International Conference and Exhibition of the Hellenic Solid Waste Management (K. Mpourkas et al., eds), Athens, Greece, 30-31 October, 164, CD-ROM edition (in Greek).

Karagiannidis A., Perkoulidis G., Papageorgiou A. and Kalogirou S. (2009), Assessment of a new waste-to-energy plant for the treatment of municipal waste in the prefecture of central Greece, Proceedings of the 3rd International Conference and Exhibition of the Hellenic Solid Waste Management (K. Mpourkas et al., eds), Athens, Greece, 30-31 October, 163, CD-ROM edition.

Karagiannidis A., Kasampalis T., Malamakis A., Fontaras G., Tegos K. and Samaras Z. (2009), Assessing the sustainability of waste-derived biofuels in Greece in transport sector, Proceedings of the 3rd International Conference and Exhibition of the Hellenic Solid Waste Management (K. Mpourkas et al., eds), Athens, Greece, 30-31 October, 161, CD-ROM edition.

Karagiannidis A., Samaras P., Kasampalis T. and Ziogas P. (2009), Estimation of sewage sludge production in Greece in the frame of integrated material, Proceedings of the 3rd International Conference and Exhibition of the Hellenic Solid Waste Management (K. Mpourkas et al., eds), Athens, Greece, 30-31 October, 160, CD-ROM edition (in Greek).

Karagiannidis A., Kasampalis T. and Gkatsos N. (2009), Utilization of solid wastes in the cement industry as raw materials or alternative fuels, Proceedings of the 3rd International Conference and Exhibition of the Hellenic Solid Waste Management (K. Mpourkas et al., eds), Athens, Greece, 30-31 October, 159, CD-ROM edition (in Greek).

Moussiopoulos N., Achillas Ch., Vlachokostas Ch., Spyridi D. and Nikolaou K. (2009), Using indicators for the evaluation of the environment and sustainability in the greater Thessaloniki area, Proceedings of the 3rd International Conference and Exhibition of the Hellenic Solid Waste Management (K. Mpourkas et al., eds), Athens, Greece, 30-31 October, 134, CD-ROM edition (in Greek).

Moussiopoulos N., Achillas Ch., Baniyas G., Aidonis D., Anastaselos D., Vlachokostas Ch., Iakovou E. and Papadopoulos A.M. (2009), Web-based tool for the optimal waste management from construction activities: case study of a building demolition, Proceedings of the 3rd International Conference and Exhibition of the Hellenic Solid Waste Management (K. Mpourkas et al., eds), Athens, Greece, 30-31 October, 133, CD-ROM edition (in Greek).

Kontogianni St. and Karagiannidis A. (2009), Assessment of working health and safety parameters of hellenic waste management facilities, Proceedings of the 3rd Conference of Aristotle University's Environmental Council on "Climate change, sustainable development and renewable energy sources" (S.E. Tsiouris and M. Ananiadou-Tzimopoulou, eds), Thessaloniki, Greece, 15-17 October, 781-788 (in Greek).

Karagiannidis A., Kasampalis T. and Gkatsos N. (2009), Utilization of waste-derived fuels in hellenic cement plants, Proceedings of the 3rd Conference of Aristotle University's Environmental Council on "Climate change, sustainable development and renewable energy sources" (S.E. Tsiouris and M. Ananiadou-Tzimopoulou, eds), Thessaloniki, Greece, 15-17 October, 714-721 (in Greek).

Karagiannidis A., Kasampalis T. and Ziogas P. (2009), Estimation of sewage sludge production in Greece in the frame of integrated material, Proceedings of the 3rd Conference of Aristotle University's Environmental Council on "Climate change, sustainable development and renewable energy sources" (S.E. Tsiouris and M. Ananiadou-Tzimopoulou, eds), Thessaloniki, Greece, 15-17 October, 706-713 (in Greek).

Moussiopoulos N., Baniyas G., Aidonis D., Anastaselos D., Vlachokostas Ch., Achillas Ch., Iakovou E. and Papadopoulos A.M. (2009), Development of a web based application for the optimal demolition waste management in Central Macedonia, Proceedings of the 3rd Conference of Aristotle University's Environmental Council on "Climate change, sustainable development and renewable energy sources" (S.E. Tsiouris and M. Ananiadou-Tzimopoulou, eds), Thessaloniki, Greece, 15-17 October, 699-705 (in Greek).

Papageorgiou A. and Karagiannidis A. (2009), Assessment of municipal solid waste management scenarios for western Attica, Proceedings of the 3rd Conference of Aristotle University's Environmental Council on "Climate change, sustainable development and renewable energy sources" (S.E. Tsiouris and M. Ananiadou-Tzimopoulou, eds), Thessaloniki, Greece, 15-17 October, 691-698 (in Greek).

Boemi S.N., Papadopoulos A.M. and Mihalakakou P. (2009), Energy policy and environmental management in hotel industry, Proceedings of the 3rd Conference of Aristotle University's Environmental Council on "Climate change, sustainable development and renewable energy sources" (S.E. Tsiouris and M. Ananiadou-Tzimopoulou, eds), Thessaloniki, Greece, 15-17 October, 665-672 (in Greek).

Karteris M.M. and Papadopoulos A.M. (2009), An assessment of the greek incentives' scheme for photovoltaics, Proceedings of the 3rd Conference of Aristotle University's Environmental Council on "Climate change, sustainable development and renewable energy sources" (S.E. Tsiouris and M. Ananiadou-Tzimopoulou, eds), Thessaloniki, Greece, 15-17 October, 657-664 (in Greek).

Karagiannidis A. and Malamakis A. (2009), Inventorying the available biomass potential in the region of Central Macedonia, Greece: Perspectives for energetic utilization, Proceedings of the 3rd Conference of Aristotle University's Environmental Council on "Climate change, sustainable development and renewable energy sources" (S.E. Tsiouris and M. Ananiadou-Tzimopoulou, eds), Thessaloniki, Greece, 15-17 October, 521-529 (in Greek).

Karteris M.M., Theodoridou I., Papadopoulos A.M., Tzortzi T.N. and Karteris A. (2009), Integrated study of green roof applications in office and residential buildings, Proceedings of the 3rd Conference of Aristotle University's Environmental Council on "Climate change, sustainable development and renewable energy sources" (S.E. Tsiouris and M. Ananiadou-Tzimopoulou, eds), Thessaloniki, Greece, 15-17 October, 425-432 (in Greek).

Vlachokostas Ch., Moussiopoulos N., Achillas Ch., Baniyas G. and Kalogeropoulos K. (2009), Health effects and social costs of particulate and photochemical urban air pollution in the greater Thessaloniki area, Proceedings of the 3rd Conference of Aristotle University's Environmental Council on "Climate change, sustainable development and renewable energy sources" (S.E. Tsiouris and M. Ananiadou-Tzimopoulou, eds), Thessaloniki, Greece, 15-17 October, 109-115 (in Greek).

Moussiopoulos N., Tsegas G., Douros I., Hourdakakis L. and Kleantous S. (2009), Development of an air quality management system for Cyprus, Proceedings of the 3rd Conference of Aristotle University's Environmental Council on "Climate change, sustainable development and renewable energy sources" (S.E. Tsiouris and M. Ananiadou-Tzimopoulou, eds), Thessaloniki, Greece, 15-17 October, 31-37 (in Greek).

Moussiopoulos N., Achillas Ch., Vlachokostas Ch., Spyridi D. and Nikolaou K. (2009), Development of an indicators' system for the evaluation of the environment and sustainability in the Thessaloniki area, Proceedings of the 3rd Conference of Aristotle University's Environmental Council on "Climate change, sustainable development and renewable energy sources" (S.E. Tsiouris and M. Ananiadou-Tzimopoulou, eds), Thessaloniki, Greece, 15-17 October, 3-10 (in Greek).

Papadopoulos A.M., Boemi S.N., Kontogianni St. and Karagiannidis A. (2009), Barriers on the propagation of renewable energy sources in Greece, Proceedings of the 2nd International Scientific Conference on "Energy and Climate Change", National and Kapodistrian University of Athens, Athens, Greece, 8-9 October, 179-185, CD-ROM edition.

Boemi S.N., Mihalakakou G. and Papadopoulos A.M. (2009), Energy policy and environmental management in hotel industry, Proceedings of the 2nd International Scientific Conference on "Energy and Climate Change", National and Kapodistrian University of Athens, Athens, Greece, 8-9 October, 27-31, CD-ROM edition.

Karagiannidis A., Kasampalis T., Malamakis A, Fontaras G., Tegos K. and Samaras Z. (2009), Assessing the sustainability of waste-derived biofuels in the transport sector in Greece, Proceedings of the 12th International Waste Management and Landfill Symposium (R. Cossu, L.F. Diaz and R. Stegmann, eds), S. Margherita di Pula (Cagliari), Sardinia, Italy, 5-9 October, CD-ROM edition.

Karagiannidis A., Perkoulidis G., Papageorgiou A. and Kalogirou S. (2009), Integrated assessment of a candidate waste-to-energy plant in Central Greece, Proceedings of the 12th International Waste Management and Landfill Symposium (R. Cossu, L.F. Diaz and R. Stegmann, eds), S. Margherita di Pula (Cagliari), Sardinia, Italy, 5-9 October, CD-ROM edition.

Themelis N.J., Bourka A., Ypsilantis G. and Karagiannidis A. (2009), Energy and material recovery from municipal solid wastes at the island of Rhodes, Proceedings of the 12th International Waste Management and Landfill Symposium (R. Cossu, L.F. Diaz and R. Stegmann, eds), S. Margherita di Pula (Cagliari), Sardinia, Italy, 5-9 October, CD-ROM edition.

Karagiannidis A., Kasampalis T., Samaras P., Perkoulidis G. and Ziogas P. (2009), Estimation of sewage sludge production in Greece in the frame of integrated material and energy recovery, Proceedings of the 12th International Waste Management and Landfill Symposium (R. Cossu, L.F. Diaz and R. Stegmann, eds), S. Margherita di Pula (Cagliari), Sardinia, Italy, 5-9 October, CD-ROM edition.

Karagiannidis A., Kasampalis T., Groudev S., Kerestedjan T., Frincu M. and Fanfani L. (2009), A novel decision support tool for the management of mineral and mining waste with emphasis on new EU member states, Proceedings of the 12th International Waste Management and Landfill Symposium (R. Cossu, L.F. Diaz and R. Stegmann, eds), S. Margherita di Pula (Cagliari), Sardinia, Italy, 5-9 October, CD-ROM edition.

Kontogianni St. and Karagiannidis A. (2009), Investigation of hazardous household waste in a hellenic municipality: preliminary results in view of contemporary management challenges, Proceedings of the 12th International Waste Management and Landfill Symposium (R. Cossu, L.F. Diaz and R. Stegmann, eds), S. Margherita di Pula (Cagliari), Sardinia, Italy, 5-9 October, CD-ROM edition.

Malamakis A., Karagiannidis A. and Kouvaritakis I. (2009), Study on production patterns and characteristics of non-household, non-hazardous municipal wastes, Proceedings of the 12th International Waste Management and Landfill Symposium (R. Cossu, L.F. Diaz and R. Stegmann, eds), S. Margherita di Pula (Cagliari), Sardinia, Italy, 5-9 October, CD-ROM edition.

Karagiannidis A., Kasampalis T., Gkatsos N., Samaras P. and Kontogianni St. (2009), Utilization of waste-derived fuels in Hellenic cement plants, Proceedings of the 12th International Waste Management and Landfill Symposium (R. Cossu, L.F. Diaz and R. Stegmann, eds), S. Margherita di Pula (Cagliari), Sardinia, Italy, 5-9 October, CD-ROM edition.

Kontogianni St. and Karagiannidis A. (2009), Assessing occupational health and safety factors in Hellenic waste management facilities, Proceedings of the 12th International Waste Management and Landfill Symposium (R. Cossu, L.F. Diaz and R. Stegmann, eds), S. Margherita di Pula (Cagliari), Sardinia, Italy, 5-9 October, CD-ROM edition.

Malamakis A., Karagiannidis A. and Perkoulidis G. (2009), Simulation and assessment of alternative pay-as-you-throw scenarios aiming at maximizing municipal waste diversion by the resulting direct promotion of minimization and recovery schemes, Proceedings of the 12th International Waste Management and Landfill Symposium (R. Cossu, L.F. Diaz and R. Stegmann, eds), S. Margherita di Pula (Cagliari), Sardinia, Italy, 5-9 October, CD-ROM edition.

Koroneos C.J., Achillas Ch. and Moussiopoulos N. (2009), Life cycle thinking in the use of natural resources, Proceedings of the 3rd International Conference on towards sustainable development: Assessing the footprint of resource utilization and hazardous waste management (AMIREG 09) (Z. Agioutantis and K. Komnitsas, eds), Athens, Greece, 7-9 September, 466-471.

Samaras P. and Karagiannidis A. (2009), Examination of the characteristics of bottom and fly ash samples from a hospital waste incinerator, Proceedings of the 3rd International Conference on towards sustainable development: Assessing the footprint of resource utilization and hazardous waste management (AMIREG 09) (Z. Agioutantis and K. Komnitsas, eds), Athens, Greece, 7-9 September, 371-376.

Moussiopoulos N., Douros I., Tsegas G. and Kleanthous S. (2009), An air quality management system for Cyprus, Proceedings of the 11th International Conference on Environment Science and Technology (CEST 09) (T.D. Lekkas, ed), Chania, Crete, Greece, 3-5 September, Vol. 1, 969-973, CD-ROM edition.

Moussiopoulos N., Achillas Ch., Vlachokostas Ch., Spiridi D., Kalognomou E.A. and Nikolaou K. (2009), System of indicators for sustainable development in Thessaloniki: a tool for the management of environmental information, Proceedings of the 11th International Conference on Environment Science and Technology (CEST 09) (T.D. Lekkas, ed), Chania, Crete, Greece, 3-5 September, Vol. 1, 946-953, CD-ROM edition.

Moussiopoulos N., Baniyas G., Aidonis D., Anastaselos D., Achillas Ch., Iakovou E., Papadopoulos A.M. and Vlachokostas Ch. (2009), Development of a web based application for the optimal demolition waste management in the region of Central Macedonia, Proceedings of the 11th International Conference on Environment Science and Technology (CEST 09) (T.D. Lekkas, ed), Chania, Crete, Greece, 3-5 September, Vol. 1, 954-961, CD-ROM edition.

Moussiopoulos N., Barmapas Ph. and Ossanlis I. (2009), A study for the effect of source treatment on numerical results for pollutant dispersion in urban areas, Proceedings of the 11th International Conference on Environment Science and Technology (CEST 09) (T.D. Lekkas, ed), Chania, Crete, Greece, 3-5 September, Vol. 1, 962-968, CD-ROM edition.



Koroneos C.J., Moustakas K. and Loizidou M. (2009), Sustainability indicators in the construction sector, Proceedings of the 11th International Conference on Environment Science and Technology (CEST 09) (T.D. Lekkas, ed), Chania, Crete, Greece, 3-5 September, Vol. 1, 621-628, CD-ROM edition.

Kontogianni St., Karagiannidis A. and Moussiopoulos N. (2009), Investigation of the household hazardous waste stream in a hellenic municipality in view of contemporary challenges for its integrated management-preliminary results, Proceedings of the 11th International Conference on Environment Science and Technology (CEST 09) (T.D. Lekkas, ed), Chania, Crete, Greece, 3-5 September, Vol. 2, 485-492, CD-ROM edition.

Boemi S.N., Kontogianni St., Karagiannidis A. and Papadopoulos A.M. (2009), Developing practical guidelines for an observatory center on a progress of implementing projects on renewables and waste/wastewater, Proceedings of the 2nd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) & SECOTOX Conference (A. Kungolos et al., eds), Mykonos island, Greece, 21-26 June, Vol. 4, 2247-2252, CD-ROM edition.

Moussiopoulos N., Achillas Ch., Vlachokostas Ch., Spiridi D. and Nikolaou K. (2009), Development of a framework of indicators for the evaluation of the environment and sustainability in the greater Thessaloniki area, Proceedings of the 2nd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) & SECOTOX Conference (A. Kungolos et al., eds), Mykonos island, Greece, 21-26 June, Vol. 4, 2039-2044, CD-ROM edition.

Anastaselos D., Giama E. and Papadopoulos A.M. (2009), Environmental assessment tool for building's materials and components: applications to insulation, Proceedings of the 2nd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) & SECOTOX Conference (A. Kungolos et al., eds), Mykonos island, Greece, 21-26 June, Vol. 3, 1863-1868, CD-ROM edition.

Giama E., Anastaselos D. and Papadopoulos A.M. (2009), Environmental tools in building construction industry - a state of the art review for LCA applications in building sector, Proceedings of the 2nd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) & SECOTOX Conference (A. Kungolos et al., eds), Mykonos island, Greece, 21-26 June, Vol. 3, 1857-1862, CD-ROM edition.

Karagiannidis A., Kasampalis T., Malamakis A., Fontaras G., Tegos K. and Samaras Z. (2009), Assessing the sustainability of waste-derived biofuels in Greece, Proceedings of the 2nd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) & SECOTOX Conference (A. Kungolos et al., eds), Mykonos island, Greece, 21-26 June, Vol. 3, 1753-1760, CD-ROM edition.

Ossanlis I., Barmpas Ph. and Moussiopoulos N. (2009), Flow and ventilation within a hypothetical tunnel during different fire scenarios using CFD techniques, Proceedings of the 2nd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) & SECOTOX Conference (A. Kungolos et al., eds), Mykonos island, Greece, 21-26 June, CD-ROM edition.

Papaoikonomou K., Kipouros S., Kungolos A., Somakos L., Aravossis K., Antonopoulos I. and Karagiannidis A. (2009), WEEE management and marginalised social groups in Greece, Proceedings of the 2nd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) & SECOTOX Conference (A. Kungolos et al., eds), Mykonos island, Greece, 21-26 June, CD-ROM edition.

Moussiopoulos N., Anastaselos D., Aidonis D., Banias G., Achillas Ch., Iakovou E. and Papadopoulos A.M. (2009), DeconRCM: a decision support system tool for renovation and demolition waste management, Proceedings of the 2nd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) & SECOTOX Conference (A. Kungolos et al., eds), Mykonos island, Greece, 21-26 June, Vol. 2, 1113-1119, CD-ROM edition.

Karagiannidis A., Perkoulidis G., Papageorgiou A. and Kalogirou S. (2009), Comparative assessment of collection and transfer schemes of municipal wastes for supplying a new waste-to-energy facility, Proceedings of the 2nd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) & SECOTOX Conference (A. Kungolos et al., eds), Mykonos island, Greece, 21-26 June, Vol. 2, 1079-1085, CD-ROM edition.

Karagiannidis A., Kasampalis T., Samaras P., Perkoulidis G. and Ziogas P. (2009), Evaluation of sewage sludge production patterns in Greece in the frame of integrated material and energy recovery, Proceedings of the 2nd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) & SECOTOX Conference (A. Kungolos et al., eds), Mykonos island, Greece, 21-26 June, Vol. 2, 1043-1050, CD-ROM edition.

Malamakis A., Karagiannidis A. and Kouvaritakis L. (2009), Study on the production patterns and characteristics of non-household, non-hazardous municipal wastes, Proceedings of the 2nd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) & SECOTOX Conference (A. Kungolos et al., eds), Mykonos island, Greece, 21-26 June, Vol. 2, 993-998, CD-ROM edition.

Karagiannidis A. and Kasampalis T., Groudev S., Kerestedjan T., Frincu M. and Fanfani L. (2009), A novel decision support tool for the management of mining waste and waste facilities, with emphasis in new EU member states, Proceedings of the 2nd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) & SECOTOX Conference (A. Kungolos et al., eds), Mykonos island, Greece, 21-26 June, Vol. 2, 979-985, CD-ROM edition.

Voutsas E., Mountouris A., Politi M., Karagiannidis A. and Tassios D. (2009), Plasma gasification for waste treatment and energy production, Proceedings of the 2nd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) & SECOTOX Conference (A. Kungolos et al., eds), Mykonos island, Greece, 21-26 June, Vol. 2, 937-941, CD-ROM edition.

Nanaki E.A. and Koroneos C.J. (2009), Comparative LCA of the use of biodiesel, diesel and gasoline for transportation, Proceedings of the 1st International Exergy, Life Cycle Assessment and Sustainability Workshop & Symposium (ELCAS-1) (C.J. Koroneos and A. Dompros, eds), Nisyros island, Greece, 4-6 June, 464-471, CD-ROM edition.

Tsatsis D.E. and Koroneos C.J. (2009), Environmental impacts of corrugated cardboard life cycle, Proceedings of the 1st International Exergy, Life Cycle Assessment and Sustainability Workshop & Symposium (ELCAS-1) (C.J. Koroneos and A. Dompros, eds), Nisyros island, Greece, 4-6 June, 448-455, CD-ROM edition.

Angelopoulou G.I., Koroneos C.J. and Loizidou M. (2009), Environmental impacts from the construction and maintenance of a motorway in Greece, Proceedings of the 1st International Exergy, Life Cycle Assessment and Sustainability Workshop & Symposium (ELCAS-1) (C.J. Koroneos and A. Dompros, eds), Nisyros island, Greece, 4-6 June, 440-447, CD-ROM edition.

Markou A. and Koroneos C.J. (2009), Exergy analysis of a photovoltaic and an oven system, Proceedings of the 1st International Exergy, Life Cycle Assessment and Sustainability Workshop & Symposium (ELCAS-1) (C.J. Koroneos and A. Dompros, eds), Nisyros island, Greece, 4-6 June, 282-288, CD-ROM edition.

Koroneos C.J. and Kalemakis I. (2009), Exergy indicators in the building environment, Proceedings of the 1st International Exergy, Life Cycle Assessment and Sustainability Workshop & Symposium (ELCAS-1) (C.J. Koroneos and A. Dompros, eds), Nisyros island, Greece, 4-6 June, 162-183, CD-ROM edition.

Tsegas G., Barmpas Ph., Douros I. and Moussiopoulos N. (2009), Implementation of efficient two-way mesoscale-microscale coupling using interpolating metamodels, Proceedings of the 30th NATO/SPS International Technical Meeting on Air Pollution Modelling and its Application (ITM 09) (D.G. Steyn and S.T. Rao, eds), San Francisco, USA, 18-22 May, 33-37, CD-ROM edition.

Karagiannidis A., Samaras P. and Antonopoulos I. (2009), The employment of emarginated social groups in social-enterprise initiatives in Greece and their role in contemporary WEEE management for material and energy recovery: a case study, Proceedings of the 3rd International Conference on Prosperity waste and Waste Resources (BOKU 09) (P. Lechner, ed), Vienna, Austria, 15-19 April, 185-194.

Boemi S.N., Kontogianni St., Karagiannidis A. and Papadopoulos A.M. (2009), Developing practical guidelines for an observatory center on the progress of implementing projects on renewables and waste/wastewater, Proceedings of the 9th National Conferences on Renewable Energy Sources (G. Tsiligiridis and A. Tsitsibikou, eds), Institute of Solar Technology, Paphos, Cyprus, 26-28 March, 295-302 (in Greek).

Boemi S.N., Papadopoulos A.M. and Mihalakakou G. (2009), Eco-labelling schemes and environmental performance vs energy consumption in hotels, Proceedings of the 9th National Conferences on Renewable Energy Sources (G. Tsiligiridis and A. Tsitsibikou, eds), Institute of Solar Technology, Paphos, Cyprus, 26-28 March, 59-67 (in Greek).

Karteris M.M., Oxizidis S., Mantadakis M. and Papadopoulos A.M. (2009), Zero energy building study, Proceedings of the 9th National Conferences on Renewable Energy Sources (G. Tsiligiridis and A. Tsitsibikou, eds), Institute of Solar Technology, Paphos, Cyprus, 26-28 March, 77-84 (in Greek).

Theodoridou I., Aravantinou-Tze P. and Papadopoulos A.M. (2009), Analysing the Greek building stock and the potential for energy saving, Proceedings of the 9th National Conferences on Renewable Energy Sources (G. Tsiligiridis and A. Tsitsibikou, eds), Institute of Solar Technology, Paphos, Cyprus, 26-28 March, 29-36 (in Greek).

Malamakis A. and Karagiannidis A. (2009), Development of a decision support tool for the implementation of renewable energy projects with the use of biogas or biomass in developing countries, Proceedings of the 9th National Conferences on Renewable Energy Sources (G. Tsiligiridis and A. Tsitsibikou, eds), Institute of Solar Technology, Paphos, Cyprus, 26-28 March, 625-632 (in Greek).

Tsegas G., Barmpas Ph., Douros I. and Moussiopoulos N. (2009), Evaluation of efficient multi-dimensional interpolating metamodels for implementing two-way mesoscale-microscale coupling, Proceedings of the 7th International Conference on Air Quality – Science and Application (Air Quality 09) (R.-M. Hu et al., eds), Istanbul, Turkey, 24-27 March, 739-742, CD-ROM edition.

Kleanthous S., Tsegas G., Douros I. and Moussiopoulos N. (2009), An air quality management system for Cyprus, Proceedings of the 7th International Conference on Air Quality – Science and Application (Air Quality 09) (R.-M. Hu et al., eds), Istanbul, Turkey, 24-27 March, 405-408, CD-ROM edition.

Moussiopoulos N., Dilara P., Lükewille A., Denby B., Douros I., Fragkou E. and Georgieva E. (2009), FAIRMODE-a European modelling network in support of the new air quality directive, Proceedings of the 7th International Conference on Air Quality – Science and Application (Air Quality 09) (R.-M. Hu et al., eds), Istanbul, Turkey, 24-27 March, 421-424, CD-ROM edition.

Karagiannidis A. and Iakovou E. (2008), A conceptual decision-making modelling framework on waste biomass supply chain networks for energy production, Proceedings of the International Exhibition and Conference for Energy from Waste and Biomass (H. Albers et al., eds), Bremen, Germany, 10-11 December, 387-391, CD-ROM edition.

Karagiannidis A., Wittmaier M., Langer S., Bilitewski B. and Malamakis A. (2008), Thermal processing of and energy recovery from organic wastes in countries-in-transition: an integrated feasibility-assessment framework, Proceedings of the 3rd International Conference on Renewable Energy Sources and Energy Efficiency (ENERTECH 08), Athens, Greece, 20-23 November, CD-ROM edition.

Karagiannidis A. and Themelis N.J. (2008), Expanding the waste management hierarchy for reducing methane emissions from landfills, Proceedings of the 2nd International Symposium on Energy from Biomass and Waste (Eurowaste, ed), Venice, Italy, 17-20 November, 276, CD-ROM edition.

Papageorgiou A., Barton J.R. and Karagiannidis A. (2008), Assessment of the climate change impact of technologies used for energy recovery from municipal waste: a case for England, Proceedings of the 2nd International Symposium on Energy from Biomass and Waste (Eurowaste, ed), Venice, Italy, 17-20 November, 277, CD-ROM edition.

Sanida G., Karagiannidis A. and Samaras P. (2008), A review and preliminary assessment of thermal processing practices regarding hospital wastes in Greece, Proceedings of the 2nd International Symposium on Energy from Biomass and Waste (Eurowaste, ed), Venice, Italy, 17-20 November, 207, CD-ROM edition.

Karagiannidis A., Philippopoulos N., Bilitewski B. and Malamakis A. (2008), Assessment of waste biomass utilization for energy production in agro-industrial and wood processing facilities in Greece, Proceedings of the 2nd International Symposium on Energy from Biomass and Waste (Eurowaste, ed), Venice, Italy, 17-20 November, 206, CD-ROM edition.

Karagiannidis A., Wittmaier M., Langer S., Bilitewski B. and Malamakis A. (2008), Thermal processing of waste organic substrates: developing and applying an integrated framework for feasibility assessment in developing countries, Proceedings of the 2nd International Symposium on Energy from Biomass and Waste (Eurowaste, ed), Venice, Italy, 17-20 November, 210, CD-ROM edition.

Karagiannidis A. (2008), Alternative fuels in Greece: past, present and future, Proceedings of the Workshop "The use of alternative fuels sustainable green fleets of vehicles", Trikala, Greece, 14 November (in Greek).

Karagiannidis A., Wittmaier M., Langer S. and Malamakis A. (2008), Guidelines on feasibility assessment of generating renewable energy from organic waste and biomass in developing countries, Proceedings of the 6th International Conference in Moving Organic Waste Recycling towards Resource Management and for Biobased Economy (ORBIT 08) (L. Rodic-Wiersma et al., eds), Wageningen, The Netherlands, 12-15 October, 902-913, CD-ROM edition.

Karagiannidis A. and Tsatsarelis Th. (2008), Developing a sustainable landfilling framework for Greece: assessment of the bio-methane potential from sanitary landfills, Proceedings of the 6th International Conference in Moving Organic Waste Recycling towards Resource Management and for Biobased Economy (ORBIT 08) (L. Rodic-Wiersma et al., eds), Wageningen, The Netherlands, 12-15 October, 1089-1100, CD-ROM edition.

Wittmaier M., Karagiannidis A., Langer S. and Malamakis M. (2008), A feasibility study for renewable electricity production from organic residues on the island of phu quoc, Vietnam, Proceedings of the 6th International Conference in Moving Organic Waste Recycling towards Resource Management and for Biobased Economy (ORBIT 08) (L. Rodic-Wiersma et al., eds), Wageningen, The Netherlands, 12-15 October, 1115-1126, CD-ROM edition.

Barmpas Ph., Ossanlis I. and Moussiopoulos N. (2008), The effect of source treatment on pollutant dispersion in an idealised urban roughness in numerical simulations using the standard  $k-\epsilon$  turbulence closure model, Proceedings of the 12th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (HARMO12) (V. Đuričić, ed), Cavtat, Croatia, 6-9 October, 680-684, CD-ROM edition.

Moussiopoulos N., Dilara P., Lükewille A., Denby B., Douros I., Fragkou E., Larssen S. and Cuvelier K. (2008), FAIRMODE: a forum for air quality modelling in Europe, Proceedings of the 12th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (HARMO12) (V. Đuričić, ed), Cavtat, Croatia, 6-9 October, 187-191, CD-ROM edition.

Tsegas G., Barmpas Ph., Douros I. and Moussiopoulos N. (2008), A metamodelling implementation of a two-way coupled mesoscale-microscale flow model for urban area simulations, Proceedings of the 12th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (HARMO12) (V. Đuričić, ed), Cavtat, Croatia, 6-9 October, 181-186, CD-ROM edition.

Vlachos D., Iakovou E., Karagiannidis A. and Toka A. (2008), A strategic supply chain management model for waste biomass networks, Proceedings of the 3rd International Conference on Manufacturing Engineering (K. D. Bouzakis, ed), Chalkidiki, Greece, 1-3 October, 797-804, CD-ROM edition.

Bilitewski B., Karagiannidis A., Samaras P. and Kontogianni St. (2008), Evaluating the development of public operated municipal wastewater treatment plants, Proceedings of the 1st International Conference on "Hazardous Waste Management" (HWM 08), Chania, Greece, 1-3 October, CD-ROM edition.

Samaras P., Karagiannidis A. and Schramm K.W. (2008), Selected engineered thermal processes involving waste streams in Greece and related dioxin emissions, Proceedings of the 1st International Conference on "Hazardous Waste Management" (HWM 08), Chania, Greece, 1-3 October, CD-ROM edition.

Schuepbach E., Slini Th. and Gross K. (2008), Training the next generation of early career scientists in ACCENT, Proceedings of the 7th Conference on Applied Climatology /8th Annual Meeting of the European Meteorological Society (ECAC 2008), Amsterdam, The Netherlands, 29 September-3 October.

Papachristou E., Karagiannidis A., Poulios K., Perkoulidis G. and Antonopoulos I.S. (2008), MSW quantities and composition in Greece from 1960 to 2006 in view of growing pressure for material and energy recovery. Some remarks based on results from waste characterisation studies and analyses, focusing in greater Thessaloniki area, Proceedings of the International NEWA Conference on Reliable data for waste management, Vienna, Austria, 25-26 September.

Kotsopoulos Th., Karagiannidis A., Martzopoulos G. and Perkoulidis G. (2008), Bio-methane potential from cattle and pig wastes in Greece, Proceedings of the 6. Fachtagung "Anaerobe biologische Abfallbehandlung" (B. Bilitewski et al., eds), Dresden, Germany, 23-24 September, 133-140.

Boi L.V., Wittmaier M., Karagiannidis A., Bilitewski B. and Werner P. (2008), Chances for biogas generation and application in Vietnam, Proceedings of the 6. Fachtagung "Anaerobe biologische Abfallbehandlung" (B. Bilitewski et al., eds), Dresden, Germany, 23-24 September, 113-117.

Kasampalis T., Rice N.M. and Karagiannidis A. (2008), An investigation of final effluents from olympias mine in Chalkidiki, Proceedings of the 9th Conference on Protection and Restoration of the Environment IX (G. Lyberatos and C. Christodoulatos, eds), Kefalonia, Greece, 29 June-3 July, CD-ROM edition.

Karagiannidis A., Kasampalis T., Antonopoulos I., Perkoulidis G. and Zabaniotou S. (2008), Resource recovery from end-of-life tires in Greece: a field survey, state-of-the-art and trends, Proceedings of the 9th Conference on Protection and Restoration of the Environment IX (G. Lyberatos and C. Christodoulatos, eds), Kefalonia, Greece, 29 June-3 July, CD-ROM edition.

Toka A., Iakovou E., Vlachos D. and Karagiannidis A. (2008), Design of supply chain networks for biolubricants, Proceedings of the 6th International Conference on Tribology (Tribology Centre-TU Sofia, ed), Sozopol, Bulgaria, 12-14 June, CD-ROM edition.

Barmpas Ph., Ossanlis I., Storm P. and Moussiopoulos N. (2008), CFD analysis for the optimisation of the IRA exit nozzle within the frame of the AEROHEX project, Proceedings of the 7th International ERCOFTAC Symposium on Engineering Turbulence Modelling and Measurements (ETMM7 08) (M.A. Leschziner et al., eds) Limassol, Cyprus, 4-6 June, Vol. 3, 738-742, CD-ROM edition.

Tsatsarelis Th. and Karagiannidis A. (2008), Methane generation from hellenic sanitary landfills, Proceedings of the 2nd International Conference on Engineering for Waste Valorisation (WasteEng 08) (G. Lyberatos and A. Nzihou, eds), Convention Centre, University of Patras, Patra, Greece, 3-5 June, 218, CD-ROM edition.

Tsatsarelis Th. and Karagiannidis A. (2008), Evaluation of refuse derived fuel production and consumption potential in Greece, Proceedings of the 2nd International Conference on Engineering for Waste Valorisation (WasteEng 08) (G. Lyberatos and A. Nzihou, eds), Convention Centre, University of Patras, Patra, Greece, 3-5 June, 219, CD-ROM edition.

Karagiannidis A. and Malamakis A. (2008), Inventorying the available biomass potential for energy production: a case for Central Macedonia, Proceedings of the 2nd International Conference on Engineering for Waste Valorisation (WasteEng 08) (G. Lyberatos and A. Nzihou, eds), Convention Centre, University of Patras, Patra, Greece, 3-5 June, 217, CD-ROM edition.

Papadopoulos A.M., Theodosiou T.G. and Oxizidis S. (2008), Integrated evaluation of insulation solutions of vertical building elements, Proceedings of the 1st Hellenic Conference on Building Materials (A. Moropoulou and K. Labropoulos, eds), Divani – Caravel Hotel, Athens, Greece, 21-23 May, Vol. 2, 1227-1238 (in Greek).



Papadopoulos A.M., Chadiarakou S. and Karamanos A. (2008), Effect of moisture in thermal conductivity of rock wool insulation materials, Proceedings of the 1st Hellenic Conference on Building Materials (A. Moropoulou and K. Labropoulos, eds), Divani – Caravel Hotel, Athens, Greece, 21-23 May, Vol. 2, 649-664 (in Greek).

Moussiopoulos N., Iakovou E., Papadopoulos A.M., Achillas Ch., Aidonis D., Anastaselos D. and Baniyas G. (2008), Reuse and recycling potential of building materials, Proceedings of the 1st Hellenic Conference on Building Materials (A. Moropoulou and K. Labropoulos, eds), Divani – Caravel Hotel, Athens, Greece, 21-23 May, Vol. 2, 497-508 (in Greek).

Karagiannidis A., Diaz L. and Kontogianni St. (2008), Solid waste management in developing countries: a review of current issues and a view on future perspectives, Proceedings of the Waste-The Social Context, Edmonton, Alberta, Canada, 11-15 May, CD-ROM edition.

Kontogianni St., Malamakis A., Papadopoulos A.M., McCartney D., Samaras P. and Karagiannidis A. (2008), Evaluating the development of public operated municipal wastewater treatment plants at a regional level: preliminary results, Proceedings of the Waste-The Social Context, Edmonton, Alberta, Canada, 11-15 May, CD-ROM edition.

Karagiannidis A., Antonopoulos I., Theodoseli M., Andreadelli V., Chlibos P., Bilitewski B. and Aravossis K. (2008), Involvement of people with disabilities in hand-sorting, reuse and recycling of different solid waste fractions: a case study on waste paper and WEEE for the hellenic island of Lesbos, Proceedings of the Waste-The Social Context, Edmonton, Alberta, Canada, 11-15 May, CD-ROM edition.

Karagiannidis A., Tchobanoglous G., Antonopoulos I.S., Kontogianni St., Tsatsarelis Th., Kungolos A., Aravossis K., Samaras P. and Papaoikonomou K. (2008), Past, present and future role of informal solid waste recycling: a case study on Roma people in Tirnavos, Greece, Proceedings of the Waste-The Social Context, Edmonton, Alberta, Canada, 11-15 May, CD-ROM edition.

Kontogianni St., Malamakis A., Papadopoulos A.M., McCartney D., Samaras P. and Karagiannidis A. (2008), Evaluating the development of public operated municipal wastewater treatment plants at a regional level: preliminary results, Proceedings of the 2nd Conference on Small and Decentralized Water and Wastewater Treatment Units (A. Zouboulis et al., eds), Skiathos, Greece, 2-4 May.

Hoffmann G., Gehring M., Bilitewski B., Karagiannidis A. and Samaras P. (2008), Sewage sludge treatment in Europe current situation and trends, Proceedings of the 2nd Conference on Small and Decentralized Water and Wastewater Treatment Units (A. Zouboulis et al., eds), Skiathos, Greece, 2-4 May, 417-422.

Ossanlis I., Barmpas Ph. and Moussiopoulos N. (2008), The effect of the flow and ventilation within a hypothetical tunnel in the vicinity of emergency response during different fire scenarios, Proceedings of the 4th International Conference Tunnel Safety and Ventilation - New Developments in Tunnel Safety (ICTSV 08), Messencenter Graz - Tagungszentrum, Austria, 21-23 April.

Papadopoulos A.M. (2008), Sustainable buildings in urban areas: challenges and hurdles for the coming decade, Proceedings of the CITAES 2008, Recife, Brazil, 9-11 April, CD-ROM edition.

Moussiopoulos N. (2008), Trends in the development of air quality models, Proceedings of the 12th Panhellenic Conference of the Association of Greek Physicists, Kavala, Greece, 20-23 March (in Greek).

Karagiannidis A. (2008), Thermal processing of medical wastes in the frame of their integrated management, Proceedings of the 7th Panhellenic Conference on Public Health and Health Services "Environment and Public Health", Divani-Caravel Hotel, Athens, Greece, 17-19 March (in Greek).

Moussiopoulos N., Iakovou E., Papadopoulos A.M., Achillas Ch., Aidonis D., Anastaselos D. and Baniyas G. (2008), Decision making methodological framework for the design and operation of inert materials recycling facility, Proceedings of the 3rd Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 14-17 March, 92, CD-ROM edition (in Greek).

Moussiopoulos N., Achillas Ch. and Nikolaou K. (2008), Development of an indicators' system for the evaluation of the environment and sustainability in the Thessaloniki area, Proceedings of the 3rd Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 14-17 March, 142, CD-ROM edition (in Greek).

Douros I., Tsegas G., Naneris Ch. and Moussiopoulos N. (2008), Study of secondary particles formation factors in the atmosphere of Thessaloniki by using computational models, Proceedings of the 3rd Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 14-17 March, 46, CD-ROM edition (in Greek).

Moussiopoulos N., Karagiannidis A., Douros I., Tsegas G. and Tsatsarelis Th. (2008), On the impact of PCDD/Fs emitted from a 2006 landfill fire near Thessaloniki, Proceedings of the 3rd Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 14-17 March, 47, CD-ROM edition (in Greek).

Karagiannidis A. (2008), Perspektiven und hinderungsgründe für die energetische abfallverwertung in Griechenland, Proceedings of the 13. Fachtagung "Thermische Abfallbehandlung" (B. Bilitewski et al., eds), München, Germany, 11-12 March, 173-184.

Moussiopoulos N. (2008), Climatic change impact on air quality, Proceedings of the Workshop “Transfers, Environmental effects and climatic change”, Macedonia Pallas, Thessaloniki, Greece, 3 March.

Karagiannidis A. (2008), Solid and liquid waste management, Proceedings of the Workshop “Implementing projects on RES and waste/wastewater: State of the art and prospects”, School of Engineering AUTH, Thessaloniki, Greece, 21 February.

Papadopoulos A.M. (2008), Perspectives for RES investments in Greece, Proceedings of the Workshop “Implementing projects on RES and waste/wastewater: State of the art and prospects”, School of Engineering AUTH, Thessaloniki, Greece, 21 February.

Karagiannidis A. (2008), The SUGRE: project and the role of local authorities in use of alternative fuels in transport, Proceedings of the Seminar: «Biofuel chain enhancement for territorial development of European Regions», Nepheli Hotel, Panorama-Thessaloniki, Greece, 5 February.

Karagiannidis A. and Tsatsarelis Th. (2008), Qualitätskriterien für EBS herstellung, vermarktung und export in Griechenland, Proceedings of the EBS Analytik: Anforderungen-Probleme-Lösungen (B. Bilitewski et al., eds), Dresden, Germany, 29 January, 1-13.

Papadopoulos A.M. (2008), Perspectives for a green city: RES and energy efficiency in the built environment, Proceedings of the SB08MED&EXPO – Mediterranean City towards climatic change, Technopolis, Athens, Greece, 10-12 January, CD-ROM edition.

Frangou E. (2008), Air4EU: Air quality mapping for Europe, Proceedings of the SAFE Conference “Participate in FP7 Research for the Environment”, Instabul, Turkey, 9-10 January.

Karagiannidis A. (2007), Environmental management in healthcare services: the role of thermal treatment in the contemporary rationalized management of medical wastes, Proceedings of the 4th National on “Quality in Health-care Services”, Hotel Stratos Vassilikos, Athens, Greece, 6-7 December.

Chadiarakou S., Papadopoulos A.M., Karamanos A. and Santamouris M. (2007), Energy performance of residential buildings in Greece, Proceedings of the 38th International Congress on Heating Refrigerating and Air-Conditioning (B. Todorović, ed), Beograd, Serbia, 5-7 December.

Malamakis A. and Karagiannidis A. (2007), Biomass and organic substrates management in coastal rural environments. A view in the region of Central Macedonia, Proceedings of the ECO-IMAGINE Final Conference “Future Perspectives of GI for ICM”, Genoa, Italy, 21-23 November.

Karagiannidis A., Perkoulidis G., Tsatsarelis Th., Malamakis A. and Antonopoulos I.S. (2007), Integrated solid waste management aspects in the frame of coastal zone management and landscape protection and restoration, Proceedings of the ECO-IMAGINE Final Conference “Future Perspectives of GI for ICM”, Genoa, Italy, 21-23 November.

Antonopoulos I.S., Karagiannidis A. and Tsatsarelis Th. (2007), A first step of risk assessment in a semi-controlled landfill in a coastal zone: case study in municipality of Chalastra in Greece, Proceedings of the ECO-IMAGINE Final Conference “Future Perspectives of GI for ICM”, Genoa, Italy, 21-23 November.

Moussiopoulos N., Douros I. and Frangou E. (2007), Building multiscale modelling systems to cope with the interactions of air quality and climate change, Proceedings of the 4th ACCENT T&TP Barnsdale Expert Meeting, Barnsdale Hall Hotel, Rutland Water, U.K., 5-7 November.

Karagiannidis A. (2007), Integrated management and elaboration of medical wastes in Greece: challenges, obstacles, abilities and perspectives, Proceedings of the Conference on Environmental Management in Health Services, Hotel Stratos Vassilikos, Athens, Greece, 2 November.

Karagiannidis A., Antonopoulos I., Tsatsarelis Th. and Perkoulidis G. (2007), Application of Gis as a decision-making tool for prioritizing open dump restoration in the Hellenic Prefecture of Laconia, Proceedings of the 8th Panhellenic Geographical Conference, Athens, Greece, 4-7 October.

Trang N.T.D., Parayno P.P., Bilitewski B. and Karagiannidis A. (2007), The effects of local cultural and socio-economic features on the structure of solid waste management in developing countries: the case of the Philippines and Vietnam, Proceedings of the 11th International Waste Management and Landfill Symposium (Eurowaste, ed), S. Margherita di Pula (Cagliari), Sardinia, Italy, 1-5 October, 43, CD-ROM edition.

Zabaniotou A., Skoulou V. and Karagiannidis A. (2007), Thermal processing of animal and agricultural wastes with environmental safety, Proceedings of the 11th International Waste Management and Landfill Symposium (Eurowaste, ed), S. Margherita di Pula (Cagliari), Sardinia, Italy, 1-5 October, 84, CD-ROM edition.

Karagiannidis A. and Antonopoulos I.S. (2007), Involvement of sensitive social groups in WEEE management, Proceedings of the 11th International Waste Management and Landfill Symposium (Eurowaste, ed), S. Margherita di Pula (Cagliari), Sardinia, Italy, 1-5 October, 83, CD-ROM edition.

Karagiannidis A., Tsatsarelis Th. and Moussiopoulos N. (2007), Estimation of methane potential from landfill gas of the new hellenic sanitary landfills, Proceedings of the 11th International Waste Management and Landfill Symposium (Eurowaste, ed), S. Margherita di Pula (Cagliari), Sardinia, Italy, 1-5 October, 87, CD-ROM edition.

Papaglastra M., Santamouris M., Mouriki E., Geranios A., Mihalakakou G., Matthopoulos D., Deligiannakis I., Tsezos V., Doulka E., Papadopoulos A.M., Giama E., Aristotelis A., Stavrakakis G., Nicolaou T., Kolokotsa D., Kephelopoulos S. and Katsoyiannis A. (2007), Pythagoras: an innovative training package on indoor environment quality, Proceedings of the 2nd PALENC Conference and 28th AIVC Conference - Building Low Energy Cooling and Advanced Ventilation Technologies in the 21st Century (PALENC 07) (M. Santamouris and P. Wouters eds), Crete island, Greece, 27-29 September, Vol. 2, 763-766.

Papadopoulos A.M. (2007), Efficiency of promotional schemes for renewable energy systems, Proceedings of the 1st International Conference on Renewable Energy Sources and Energy Efficiency, Nicosia, Cyprus, 28-30 September, CD-ROM edition.

Chadiarakou S., Papadopoulos A.M., Karamanos A. and Aravantinos D. (2007), The impact of moisture on the thermal conductivity value of stone wool based insulating materials, Proceedings of the 2nd PALENC Conference and 28th AIVC Conference - Building Low Energy Cooling and Advanced Ventilation Technologies in the 21st Century (PALENC 07) (M. Santamouris and P. Wouters eds), Crete island, Greece, 27-29 September, Vol. 1, 190-194.

Papadopoulos A.M. and Giama E. (2007), Rating systems for counting buildings' environmental performance, Proceedings of the 2nd PALENC Conference and 28th AIVC Conference - Building Low Energy Cooling and Advanced Ventilation Technologies in the 21st Century (PALENC 07) (M. Santamouris and P. Wouters eds), Crete island, Greece, 27-29 September, Vol. 2, 754-758.

Avgelis A., Anastasellos D., Papadopoulos A.M. and Santamouris M. (2007), A study of converting a medieval tower into a museum, Proceedings of the 2nd PALENC Conference and 28th AIVC Conference - Building Low Energy Cooling and Advanced Ventilation Technologies in the 21st Century (PALENC 07), (M. Santamouris and P. Wouters eds), Crete island, Greece, 27-29 September.

Karagiannidis A. und Kontogianni St. (2007), Abfallwirtschaft in entwicklungsändern und klimawandel (Waste management and climate protection in developing countries), Tagungsband zum Workshop Abfallwirtschaft und Klimaschutz, Emissionshandel-Emissionsminderung-Klimaschutzprojekte (Waste management and climate protection) (B. Bilitewski et al., eds), Dresden, Germany, 26 September, 170-182.

Koroneos C.J., Dompros A. and Loizidou M. (2007), Life cycle assessment of an office building in Greece, Proceedings of the 10th International Conference on Environmental Science and Technology (CEST 07) (T.D. Lekkas ed), Cos island, Greece, 5-7 September, 1037-1044, CD-ROM edition.

Loizidou M., Koroneos C.J., Chardas D., Bourka A., Pelekithrytis T., Fatta D. and Chrysostomou L. (2007), Sustainable construction in public and private works through IPP approach-the Suscon project, Proceedings of the 10th International Conference on Environmental Science and Technology (CEST 07) (T.D. Lekkas ed), Cos island, Greece, 5-7 September, 1037-1044, CD-ROM edition.

Nitis T., Tsegas G., Korres G., Douros I. and Moussiopoulos N. (2007), Influence of sea surface temperature variation on basic mesoscale flows over coastal areas, Proceedings of the 10th International Conference on Environmental Science and Technology (CEST 07) (T.D. Lekkas ed), Cos island, Greece, 5-7 September, 1037-1044, CD-ROM edition.

Moussiopoulos N., Achillas Ch., Koroneos C.J. and Kikis V. (2007), Promoting alternative end of life management of electrical and electronic equipment, Proceedings of the 10th International Conference on Environmental Science and Technology (CEST 07) (T.D. Lekkas ed), Cos island, Greece, 5-7 September, 993-1000, CD-ROM edition.

Moussiopoulos N., Papadopoulos A.M., Iakovou E., Achillas Ch., Aidonis D., Anastaselos D. and Baniyas G. (2007), Construction and demolition waste management: state of the art trends, Proceedings of the 10th International Conference on Environmental Science and Technology (CEST 07) (T.D. Lekkas ed), Cos island, Greece, 5-7 September, 1009-1016, CD-ROM edition.

Moussiopoulos N., Barmpas Ph. and Ossanlis I. (2007), Numerical study for the potential abatement of air pollution with the use of photocatalytic façade covering materials in London, Proceedings of the 10th International Conference on Environmental Science and Technology (CEST 07) (T.D. Lekkas ed), Cos island, Greece, 5-7 September, 1001-1008, CD-ROM edition.

Kalognomou E.A. and Moussiopoulos N. (2007), Integrated assesment of air pollution in Thessaloniki, Proceedings of the 10th International Conference on Environmental Science and Technology (CEST 07) (T.D. Lekkas ed), Cos island, Greece, 5-7 September, 577-584, CD-ROM edition.

Karagiannidis A. and Malamakis A. (2007), Thermal processing of and energy recovery from wastes: some cases of collaborative actions within a higher education institute, aiming at enhancing the quality of the related provided services, Proceedings of the 10th Toulon-Verona Conference 'Quality in Services: Higher Education, Health Care, Local Government, Tourism, Logistics' (Aristotle University, Department of Economics Thessaloniki ed), Thessaloniki, Greece, 3-4 September, 538-542.

Iakovou E., Karagiannidis A., Vlachos D., Samaras Z. and Malamakis A. (2007), Logistics issues related to the collection and pre-treatment of organic substrates for energy production via thermal and biological processes, Proceedings of the 10th Toulon-Verona Conference 'Quality in Services: Higher Education, Health Care, Local Government, Tourism, Logistics' (Aristotle University, Department of Economics Thessaloniki ed), Thessaloniki, Greece, 3-4 September, 262-267.

Malamakis A., Zotos G. and Karagiannidis A. (2007), Integrated municipal solid waste management policy: problems, challenges, opportunities, trends, needs and drawbacks for the hellenic local governments in the frame of a holistic approach, Proceedings of the 10th Toulon-Verona Conference 'Quality in Services: Higher Education, Health Care, Local Government, Tourism, Logistics' (Aristotle University, Department of Economics Thessaloniki ed), Thessaloniki, Greece, 3-4 September, 242-247.

Karagiannidis A. (2007), Biodiesel and bioethanol: EU state-of-the-art and market development in Greece, Proceedings of the Asean Energy Business Forum (AEBF) (ASEAN Centre for Energy, ed), Shangri-La Hotel, Singapore, 22-24 August.

Slini Th., Schuepbach E. and Moussiopoulos N. (2007), Air quality in the Mediterranean – an Accent training workshop in Greece, Proceedings of the 2nd ACCENT Symposium (Accent Secretariat, ed), Urbino, Italy, 23-27 July, 121-122.

Moussiopoulos N., Kalognomou E.A., Douros I., Samaras Z., Giannouli M. and Mellios G. (2007), Air pollution in Europe from the regional to the street scale, Proceedings of the 2nd ACCENT Symposium (Accent Secretariat, ed), Urbino, Italy, 23-27 July, 78.

Barmpas Ph., Moussiopoulos N., Schatzmann M. and Leitl B. (2007), Evaluation of MIMO on the basis of wind tunnel measurements within an idealised urban roughness configuration, Proceedings of the 2nd ACCENT Symposium (Accent Secretariat, ed), Urbino, Italy, 23-27 July, 59-60.

Theodoridou I., Papadopoulos A.M. and Hegger M. (2007), The influence of the form structure on the energy behavior of office buildings, Proceedings of the Conference on Energy Performance and Environmental Quality of Buildings (EPEQUB 07), Milos island, Greece, 12-13 July.

Hadiarakou S., Papadopoulos A.M., Karamanos A. and Aravantinos D. (2007) The impact of moisture on the thermal conductivity value of stone wool based insulating materials, Proceedings of the Conference on Energy Performance and Environmental Quality of Buildings (EPEQUB 07), Milos island, Greece, 12-13 July.

Boemi S.N., Mihalakakou G., and Papadopoulos A.M. (2007), Data collection and analysis of the energy behavior of hotels and other touristical buildings, Proceedings of the Conference on Energy Performance and Environmental Quality of Buildings (EPEQUB 07), Milos island, Greece, 12-13 July.

Karteris M.M. and Papadopoulos A.M. (2007), An integrated assessment of the effectiveness of feed-in tariff concerning PV in Greece, Proceedings of the Conference on Energy Performance and Environmental Quality of Buildings (EPEQUB 07), Milos island, Greece, 12-13 July.

Karagiannidis A. and Malamakis A. (2007), Some examples of generic and specific collaborative actions on thermal processing and energy recovery from wastes within Aristotle University of Thessaloniki, aiming at local and regional sustainable development, Proceedings of the 2nd International Conference in Higher Education for Sustainable Development 'World in Transition – Sustainability Perspectives for Higher Education' (HESD 07) (UASLP et al., ed), San Luis Potosí, Mexico, 5-7 July, Autonomous University of San Luis Potosí, CD-ROM edition.

Antonopoulos I. and Karagiannidis A. (2007), Acquisition of competencies by sensitive social groups for sustainable waste management: a case study on hellenic social enterprises for the end-of-life management of waste of electric and electronic equipment, Proceedings of the 2nd International Conference in Higher Education for Sustainable Development 'World in Transition – Sustainability Perspectives for Higher Education' (HESD 07) (UASLP et al., ed), San Luis Potosí, Mexico, 5-7 July, Autonomous University of San Luis Potosí, CD-ROM edition.

Denby B., Larssen S., Bultjes P., Keuken M., Sokhi R., Moussiopoulos N., Douros I., Borrego C., Costa A.M. and Pregar Th. (2007), Recommendations on spatial assessment of air quality resulting from the FP6 EU project AIR4EU, Proceedings of the 11th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (HARMO11) (D.J. Carruthers and C.A. McHugh, eds), Cambridge, United Kingdom, 2-5 July, Vol. 1, 149-153.

Moussiopoulos N., Douros I., Kalognomou E.A., Fragkou E., Denby B., Larssen S., Dudek A. and Fiala J. (2007), Towards a modelling network in support of the new air quality directive, Proceedings of the 11th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (HARMO11) (D.J. Carruthers and C.A. McHugh, eds), Cambridge, United Kingdom, 2-5 July, Vol. 1, 144-148.



Slini Th., Walker S.E. and Moussiopoulos N. (2007), Data assimilation within the Air4EU project: the Athens case, Proceedings of the 11th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (HARMO11) (D.J. Carruthers and C.A. McHugh, eds), Cambridge, United Kingdom, 2-5 July, Vol. 1, 259-262.

Nitis Th., Tsegas G. and Moussiopoulos N. (2007), Dynamical and thermodynamical effects of urban and rural land surfaces on the air flow in mesoscale meteorological modelling, Proceedings of the 11th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (HARMO11) (D.J. Carruthers and C.A. McHugh, eds), Cambridge, United Kingdom, 2-5 July, Vol. 2, 292.

Barmpas Ph., Ossanlis I. and Moussiopoulos N. (2007), Numerical study for the flow around moving cars and its effect on the dispersion of the traffic emitted pollution within a road tunnel, Proceedings of the 11th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (HARMO11) (D.J. Carruthers and C.A. McHugh, eds), Cambridge, United Kingdom, 2-5 July, Vol. 1, 282-286.

Sanida G., Mavidou F., Karagiannidis A., Moussiopoulos N. and Vartzopoulos D. (2007), Study of medical waste generation from hospitals in 2nd Health Region Administration of Central Macedonia, Proceedings of the 1st Conference on Environmental Management, Engineering, Planning and Economics (SECOTOX/CEMEPE 07) (A. Kungolos et al., eds), Skiathos island, Greece, 24-28 June, Vol. 3, 1695-1700.

Karamanos A.K., Giama E., Papadopoulos A.M. (2007), Environmental impact of fibrous insulating materials operating in harsh temperature conditions, Proceedings of the 1st Conference on Environmental Management, Engineering, Planning and Economics (SECOTOX/CEMEPE 07) (A. Kungolos et al., eds), Skiathos island, Greece, 24-28 June, 1889-1894.

Moussiopoulos N., Papadopoulos A.M., Iakovou E., Achillas Ch., Aidonis D., Anastaselos D. and Baniyas G. (2007), Legislative framework on Construction and Demolition waste management, Proceedings of the 1st Conference on Environmental Management, Engineering, Planning and Economics (SECOTOX/CEMEPE 07) (A. Kungolos et al., eds), Skiathos island, Greece, 24-28 June, Vol. 3, 1569-1575.

Ossanlis I., Barmpas Ph. and Moussiopoulos N. (2007), The effect of the flow around moving cars within a road tunnel in the vicinity of emergency response, Proceedings of the 1st Conference on Environmental Management, Engineering, Planning and Economics (SECOTOX/CEMEPE 07) (A. Kungolos et al., eds), Skiathos island, Greece, 24-28 June, Vol. 3, 2250.

Karagiannidis A., Theodoseli M. and Babassi Chr. and Samaras Z. (2007), Biofuels market in Greece and the potential role of captive fleets, Proceedings of the 1st Conference on Environmental Management, Engineering, Planning and Economics (SECOTOX/CEMEPE 07) (A. Kungolos et al., eds), Skiathos island, Greece, 24-28 June, Vol. 3, 1973-1978.

Rakimbei P., Kostopoulou P., Tsiouvaras K. and Karagiannidis A. (2007), Effect of landfill water balance on range plants cover ecophysiology, Proceedings of the 1st Conference on Environmental Management, Engineering, Planning and Economics (SECOTOX/CEMEPE 07) (A. Kungolos et al., eds), Skiathos island, Greece, 24-28 June, Vol. 3, 1689-1694.

Zotos G., Karagiannidis A., Zampetoglou S., Theodoseli M., Malamakis A., Antonopoulos I., Kontogianni St., and Boutsouki C. (2007), Developing a holistic strategy for integrating waste management policy into municipal planning: solutions and perspectives for Hellenic municipalities, Proceedings of the 1st Conference on Environmental Management, Engineering, Planning and Economics (SECOTOX/CEMEPE 07) (A. Kungolos et al., eds), Skiathos island, Greece, 24-28 June, Vol. 3, 1755-1761.

Herat S. and Karagiannidis A. (2007), Need for sustainable management of electronic waste (e-waste) in Australia, Proceedings of the 1st Conference on Environmental Management, Engineering, Planning and Economics (SECOTOX/CEMEPE 07) (A. Kungolos et al., eds), Skiathos island, Greece, 24-28 June, Vol. 3, 1749-1754.

Palaghias G., Karagiannidis A., Kontogianni St., Kalfas S. and Xirogiannopoulou A. (2007), Investigation of the dental waste production in dental units of Thessaloniki, Proceedings of the 1st Conference on Environmental Management, Engineering, Planning and Economics (SECOTOX/CEMEPE 07) (A. Kungolos et al., eds), Skiathos island, Greece, 24-28 June, Vol. 3, 1737-1743.

Aravossis K., Karagiannidis A., Kungolos A., Samaras P., Antonopoulos I., Gianni M., Papaoikonomou K. and Somakos L. (2007), Roma and people with disabilities in social enterprises for contemporary WEEE management: framework of a hellenic study on related organizational issues, Proceedings of the 1st Conference on Environmental Management, Engineering, Planning and Economics (SECOTOX/CEMEPE 07) (A. Kungolos et al., eds), Skiathos island, Greece, 24-28 June, Vol. 3, 1677-1682.

Tsiouvaras C., Kyriazopoulos A., Karagiannidis A., Rakimbei P., Barbayiannis N. and Keramidis V. (2007), Factors affecting tree growth in bauxite mining wastes, Proceedings of the 3rd International Conference on Sustainable Development Indicators in the Minerals Industry (SDIMI 07) (Z. Agioutantis, ed), Milos island, Greece, 17-20 June, 283-288.

Koroneos C.J. and Rovas D. (2007), Electricity from geothermal energy with the kalina cycle-an exergy approach, Proceedings of the International Conference on Clean Electrical Power (ICCEP 2007), Capri, Italy, 21-23 May, 423-428, CD-ROM edition.

Moussiopoulos N., Iakovou E., Papadopoulos A.M., Achillas Ch., Aidonis D., Anastaselos D. and Baniyas G. (2007), User requirements for the development of a demolition waste management information system, Proceedings of the 2nd National Conference of Mechanical & Electrical Engineers (Technical Chamber of Greece, ed), Athens, Greece 16-18 May, 58, CD-ROM edition (in Greek).

Moussiopoulos N., Koroneos C.J., Achillas Ch. and Kikis V. (2007), Integrated product policy – the case study of an ISDN network terminal end of life management, Proceedings of the 2nd National Conference of Mechanical & Electrical Engineers (Technical Chamber of Greece, ed), Athens, Greece, 16-18 May, 55, CD-ROM edition (in Greek).

Palaghias G., Karagiannidis A., Kontogianni St., Kalfas S. and Xirogiannopoulou A. (2007), Investigation of the dental waste production in dental units of Thessaloniki, Proceedings of the 2nd BOKU Waste Conference (P. Lechner, ed), Vienna, Austria 17-19 April.

Karagiannidis A., Theodoseli M., Malamakis A., Bilitewski B., Reichenbach J., Nguyen T., Galang A. and Parayno P. (2007), Composting in the backyard in Asia: some lessons learned through Euro-Asian collaboration for the cases of Vietnam and the Philippines, Proceedings of the 2nd BOKU Waste Conference (P. Lechner, ed), Vienna, Austria, 17-19 April, 109-119.

Moussiopoulos N. (2007), Air pollution at street level in European cities with emphasis on PM10 and PM2.5, Proceedings of the International Congress “FINE! Dust-Free into the Future” Klagenfurt, Austria, 29 - 30 March.

Karagiannidis A., Antonopoulos I. and Skordas A. (2007), Abfallwirtschaft von e-schrott in Griechenland: gegenstand und perspektiven, Tagungsband zum Workshop: Das ElectroG und die Praxis, Monitoring-Erstbehandlung-Technik (B. Bilitewski et al., eds), Dresden, Germany, 29 March, 115-125.

Barmpas Ph., Moussiopoulos N., Ossanlis I. and Colvile R. (2007), Numerical of study of the wind flow and the dispersion of traffic emitted pollution with RANS CFD in the Sir John Cass Primary School area in Central London, Proceedings of the 6th International Conference on Urban Air Quality (R. Sokhi and M. Neophytou, eds), Limassol, Cyprus, 27-29 March, 251.

Moussiopoulos N., Karagiannidis A., Douros I., Tsegas G. and Tsatsarelis Th. (2007), On the impact of PCDD/Fs and PM10 emitted from a 2006 landfill fire near Thessaloniki, Greece, Proceedings of the 6th International Conference on Urban Air Quality (R. Sokhi and M. Neophytou, eds), Limassol, Cyprus, 27-29 March, 64.

Douros I., Naneris Ch., Tsegas G., Schaap M. and Moussiopoulos N. (2007), Boundary conditions and their impact on urban scale CTM simulations, Proceedings of the 6th International Conference on Urban Air Quality (R. Sokhi and M. Neophytou, eds), Limassol, Cyprus, 27-29 March, 95.

Vautard R., van Loon M., Schaap M., Bedogni M., Bergström R., Bessagnet B., Brandt J., Builtjes P.J.H., Christensen J.H., Cuvelier K., Graff A., Jonson J.E., Honoré C., Krol M., Langner J., Moussiopoulos N., Pirovano G., Roberts P., Rouil L., Stern R., Tarrasón L., Thunis P., Vignati E., White L. and Wind P. (2007), Uncertainty and regional air quality model diversity: what do we learn from model ensembles?, Proceedings of the 6th International Conference on Urban Air Quality (R. Sokhi and M. Neophytou, eds), Limassol, Cyprus, 27-29 March, 54.

Moussiopoulos N., Karagiannidis A., Tsatsarelis Th., Douros I. and Tsegas G. (2006), Atmospheric dispersion and deposition of PcdD/Fs from a landfill fire in Tagarades, Greece, Proceedings of the Biomass and Waste To Energy Symposium (Venice 06) (Eurowaste, ed), Venice, Italy, 29 November–1 December, CD-ROM edition.

Karagiannidis A., Perkoulidis G. and Malamakis A. (2006), Development of a methodology for the evaluation of different municipal solid waste anaerobic digestion technologies, Proceedings of the Biomass and Waste To Energy Symposium (Venice 06) (Eurowaste, ed), Venice, Italy, 29 November–1 December, CD-ROM edition.

Moussiopoulos N., Bouzakis K.D., Iakovou E., Koroneos C.J., Achillas Ch., Michailidis N., Xanthopoulos A. and Chantzipanagioti M. (2006), Decision making on the alternatives for the end of life management of electrical and electronic equipment, Proceedings of the Going Green-CARE Innovation 2006 (WEEE / RoHS, ed) Vienna, Austria, 13-16 November, 19.

Karagiannidis A., Perkoulidis G., Erkut E., Tjandra S., Haight D. and Trentsiou E. (2006), Optimizing elements of urban solid waste collection through GIS: a pilot implementation for the Municipalities of Panorama and Sikies, Proceedings of the 21st European Conference for ESRI Users (MDS, ed), Athens, Greece, 6-8 November, CD-ROM edition.

Tsatsarelis Th., Perkoulidis G., Karagiannidis A. and Moussiopoulos N. (2006), GIS inventory of uncontrolled landfills and prioritizing administrative plans for their restoration through coupled multicriterial analysis: a case study for the Prefecture of Chalkidiki in North Greece by using analytic hierarchy process, Proceedings of the 21st European Conference for ESRI Users (MDS, ed), Athens, Greece, 6-8 November, CD-ROM edition.

Tsatsarelis Th., Karagiannidis A., Perkoulidis G. (2006), Berechnung des Methanpotenzials im Biogas der neuen geordneten Deponien Griechenlands [Estimation of methane potential from the biogas of the new hellenic landfields], Tagungsband zur 5. Fachtagung: "Anaerobe biologische Abfallbehandlung", Entwicklungen, Nutzen und Risiken der Biogastechnologie (B. Bilitewski et al., eds), Dresden, Germany, 27-28 September, 232-245.

Vautard R., van Lonn M., Thunis P., Cuvelier K., Bedogni M., Bergstrom R., Bessagnet B., Brandt J., Builjes P.H.J., Honore C., Jonson J.E., Kristensen J., Langner J., Moussiopoulos N., Pirovano G., Roberts P., Rouil L., Schaap M., Stern R., Tarrason L., Vignati E., White L. and Wind P. (2006), Long-term regional air quality modelling with an ensemble of models in Europe: intercomparison and uncertainty analysis from the CITYDELTA and EURODELTA experiments, atmospheric chemistry at the interfaces 2006, Proceedings of the 9th Scientific Conference of the IGAC Project (IGAC 06), IGAC/CACGP/WMO Symposium, Cape Town, South Africa, 17-23 September.

Palangias G., Kalfas S., Karagiannidis A., Xirogiannopoulou A. and Kontogianni St. (2006), Investigating the waste production and management in dental units of Thessaloniki, Proceedings of the 1st International Conference on Environmental Toxicology 2006, Mykonos, Greece, 11-13 September.

Papageorgiou K., Karteris M.M. and Papadopoulos A.M. (2006), Embodied photovoltaic systems in building's shells, Proceedings of the Conference on Energy Performance and Environmental Quality of Buildings, Milos island, 6-7 July (in Greek).

Papageorgiou K. and Papadopoulos A.M. (2006), Efficient solutions for buildings using BEMS, Proceedings of the Conference on Energy Performance and Environmental Quality of Buildings, Milos island, 6-7 July (in Greek).

Papageorgiou K. and Papadopoulos A.M. (2006), Telecooling, a technology with application perspectives, Proceedings of the Conference on Energy Performance and Environmental Quality of Buildings, Milos island, 6-7 July (in Greek).

Giama E., Manoloudis A. and Papadopoulos A.M. (2006), Integrated analysis model for buildings energy and environmental management, Proceedings of the Conference on Energy Performance and Environmental Quality of Buildings, Milos island, 6-7 July (in Greek).

Tzafeiropoulou K., Rakimbei P., Karagiannidis A., Tsiouvaras K. and Nastis A. (2006), Inventory of the accumulated pollution in a greek uncontrolled landfill, Proceedings of the International Conference Protection and Restoration of the Environment VIII (E. Gidaracos et al., eds), Chania, Greece, 3-7 July, CD-ROM edition.

Siapkas P., Karagiannidis A. and Saparas P. (2006), A review of biodiesel feedstock, production and use, Proceedings of the International Conference Protection and Restoration of the Environment VIII (E. Gidaracos et al., eds), Chania, Greece, 3-7 July, CD-ROM edition.

Tsiouvaras K., Nastis A., Rakimbei P., Tzafeiropoulou K. and Karagiannidis A. (2006), Simulating leachate generation and movement in a greek dumsite, Proceedings of the International Conference Protection and Restoration of the Environment VIII (E. Gidaracos et al., eds), Chania, Greece, 3-7 July, CD-ROM edition.

Zygouras M., Karagiannidis A. and Malamakis A. (2006), Construction and demolition waste management fundamentals and results from a pilot recycling plant in Hellas, Proceedings of the International Conference Protection and Restoration of the Environment VIII (E. Gidaracos et al., eds), Chania, Greece, 3-7 July, CD-ROM edition.

Poulios K., Perkoulidis G., Karagiannidis A. and Papachristou E. (2006), WEEE processing: perspectives of material recovery through disassembly in Greece, Proceedings of the International Conference Protection and Restoration of the Environment VIII (E. Gidaracos et al., eds), Chania, Greece, 3-7 July, 689-690, CD-ROM edition.

Kouimtzis Th., Karagiannidis A., Antonopoulos I., Tsatsarelis Th. and Perkoulidis G. (2006), Statistical analysis and risk assessment of open dumps in the Hellenic prefecture of Laconia, Proceedings of the International Conference Protection and Restoration of the Environment VIII (E. Gidaracos et al., eds), Chania, Greece, 3-7 July, 37-38, CD-ROM edition.

Sanida G., Karagiannidis A., Moussiopoulos N. and Vartzopoulos D. (2006), Medical imaging wastes from health units: field survey and treatment options-a case study, Proceedings of the International Conference Protection and Restoration of the Environment VIII (E. Gidaracos et al., eds), Chania, Greece, 3-7 July, 23-24, CD-ROM edition.

Tsatsarelis Th., Karagiannidis A., Moussiopoulos N. and Perkoulidis G. (2006), Technologies of landfill gas management and utilization, Proceedings of the International Conference Protection and Restoration of the Environment VIII (E. Gidaracos et al., eds), Chania, Greece, 3-7 July, 405-406, CD-ROM edition.

Moussiopoulos N., Achillas Ch., Koroneos C.J. and Kikis V. (2006), Development of a methodology for the optimisation of industrial products' end of life management, Proceedings of the International Conference Protection and Restoration of the Environment VIII (E. Gidaracos et al., eds), Chania, Greece, 3-7 July, 659-660, CD-ROM edition.

Moussiopoulos N., Douros I., Tsegas G., Fragkou E., Carvalho A., Aquilina N. and Borrego C. (2006), Application of the MEMO and MM5 mesoscale models in the context of urban energy budget studies for the greater Athens area, Proceedings of the International Conference Protection and Restoration of the Environment VIII (E. Gidaracos et al., eds), Chania, Greece, 3-7 July, 133-134, CD-ROM edition.

Moussiopoulos N., Kalognomou E.A., Samaras Z., Giannouli M., Mellios G., Douros I. and Eleftheriadou S., (2006), Air pollution at street level in selected European cities, Proceedings of the 2nd Environment & Transport Conference, including 15th Transport and Air Pollution conference (R. Joumard, ed), Reims, France, 12-14 June, Vol. 1, 271-278.

Koroneos C.J., Argyropoulos A.J. and Rovas D. (2006), Measures to reduce emissions in the city of Athens, Proceedings of the International Conference Towards the City Surface of Tomorrow, Vienna, Austria, 8-9 June, 151.

Papadopoulos A.M., Giama E. and Ioannidis I. (2006), Management tools and systems for the labeling of public buildings, Proceedings of the 8th International Conference on Energy-Efficient Healthy Buildings (HB 06) (E. de O. Fernandes et al., eds), Lisboa, Portugal, 4-8 June, Vol. 3, 339-344.

Tsatsarelis Th., Karagiannidis A. and Perkoulidis G. (2006), Dump sites in Thessaloniki prefecture: registration, classification and rehabilitation strategies, Proceedings of the 2nd Conference of Aristotle University's Environmental Council (A.S. Nastis and S.E. Tsiouris, eds), Thessaloniki, Greece, 1-4 June, 242-248 (in Greek).

Xirogiannopoulou A., Karagiannidis A. and Tchobanoglous G. (2006), Full-cost-accounting as a tool for the promotion of Pay-As-You-Throw schemes: the case of Panorama, Proceedings of the 2nd Conference of Aristotle University's Environmental Council (A.S. Nastis and S.E. Tsiouris, eds), Thessaloniki, Greece, 1-4 June, 199-205 (in Greek).

Moussiopoulos N., Douros I. and Naneris Ch. (2006), Installation of a complete and reliable system of air pollution models to the organisation for the master plan implementation and environmental protection in Thessaloniki, Proceedings of the 2nd Conference of Aristotle University's Environmental Council (A.S. Nastis and S.E. Tsiouris, eds), Thessaloniki, Greece, 1-4 June, 42-47 (in Greek).

Moussiopoulos N., Kalognomou E.A., Samaras Z., Giannouli M. and Eleftheriadou S. (2006), Measures for the reduction of air pollution in Thessaloniki, Proceedings of the 2nd Conference of Aristotle University's Environmental Council (A.S. Nastis and S.E. Tsiouris, eds), Thessaloniki, Greece, 1-4 June, 35-41 (in Greek).

Tzafeiropoulou A., Rakimbei P., Avraam E., Parisi Z., Karagiannidis A., Tsiouvaras K., Nastis A. and Moussiopoulos N. (2006), Turfgrass establishment for a dumpsite restoration in Efkarpia, Thessaloniki, Proceedings of the 2nd Conference of Aristotle University's Environmental Council (A.S. Nastis and S.E. Tsiouris, eds), Thessaloniki, Greece, 1-4 June, 557-563 (in Greek).

Karagiannidis A., Moussiopoulos N. and Perkoulidis G. (2006), An intra-building information system for paper recycling in the campus of the Aristotle University, Proceedings of the 2nd Conference of Aristotle University's Environmental Council (A.S. Nastis and S.E. Tsiouris, eds), Thessaloniki, Greece, 1-4 June, 220-226 (in Greek).

Karagiannidis A., Moussiopoulos N., Xirogiannopoulou A. and Perkoulidis G. (2006), Municipal solid waste collection optimization through GIS use, Proceedings of the 2nd Conference of Aristotle University's Environmental Council (A.S. Nastis and S.E. Tsiouris, eds), Thessaloniki, Greece, 1-4 June, 227-233 (in Greek).

Arvanitis A., Debry E., Douros I. and Moussiopoulos N. (2006), Modelling of aerosol composition using the MARS-MUSE dispersion model, Proceedings of the 28th NATO/CCMS International Technical Meeting on Air Pollution Modelling and its Application (C. Borrego and E. Renner, eds), Leipzig, Germany, 15-19 May, 601-609.

Giama E.A. and Papadopoulos A.M. (2006), Integrated evaluation of buildings for energy efficiency: a case study in office buildings, Proceedings of the International Conference on Improving Energy Efficiency in Commercial Buildings (IEECB), Frankfurt, Germany, 26-27 April.

Papadopoulos A.M., Oxizidis S., Tzolakis G., Avgelis A. and Karamanos A. (2006), Generating synthetic weather years for greek cities for energy calculations of buildings, Proceedings of the 8th National Conference on Renewable Energy Sources (IST 06) (G. Tsiligridis et al., eds), Institute of Solar Technology, Thessaloniki, Greece, 29-31 March, 653-660 (in Greek).

Oxizidis S., Dudek A., Anastaselos D., Stylianou A. and Papadopoulos A.M. (2006), The influence of urban climate on the performance of solar collectors: the case of Lisbon, Proceedings of the 8th National Conference on Renewable Energy Sources (IST 06) (G. Tsiligridis et al., eds), Institute of Solar Technology, Thessaloniki, Greece, 29-31 March, 645-652 (in Greek).



Wittmaier M., Findeisen S., Sawiller B., Quynh D.N., Bilitewski B., Schirmer M., Werner P., Hahn C., Wiesmeth H., Golde M., Malamakis A. and Karagiannidis A. (2006), Waste and biomass-derived energy generation on remote and isolated communities. Examining the feasibility of similar projects based on the example of Phu Quoc island/Vietnam, Proceedings of the 8th National Conference on Renewable Energy Sources (IST 06) (G. Tsiligiridis et al., eds), Institute of Solar Technology, Thessaloniki, Greece, 29-31 March, 493-499 (in Greek).

Glinou G.L., Papachristou D.A. and Papadopoulos A.M. (2006), Wind energy exploitation in Greece: review and perspectives, Proceedings of the 8th National Conference on Renewable Energy Sources (IST 06) (G. Tsiligiridis et al., eds), Institute of Solar Technology, Thessaloniki, Greece, 29-31 March, 427-434 (in Greek).

Karamanos A.K., Gogos S. and Papadopoulos A.M. (2006), Economical and technical optimisation of industrial application insulation, Proceedings of the 8th National Conference on Renewable Energy Sources (IST 06) (G. Tsiligiridis et al., eds), Institute of Solar Technology, Thessaloniki, Greece, 29-31 March, 181-188 (in Greek).

Masouras A., Bassoukos A., Kaprara A., Karatzas K., Avgelis A., Oxizidis S. and Papadopoulos A.M. (2006), A system for the process of energy and environmental management processes in schools, Proceedings of the 8th National Conference on Renewable Energy Sources (IST 06) (G. Tsiligiridis et al., eds), Institute of Solar Technology, Thessaloniki, Greece, 29-31 March, 173-180 (in Greek).

Karagiannidis A., Malamakis A. and Theodoseli M. (2006), Solid waste management on small/rural communities and the prospective of processing the organic fraction. A case study for the prefecture of Pieria, Greece, Proceedings of the 3rd International Conference of Katerini on "Sustainable Development: Theory and action", Katerini, Greece, 13-16 March.

Zotos G., Karagiannidis A. and Malamakis A. (2006), Managing the organic waste stream of MSW. The role of home composting in enhancing the energy recovery potential, combined with fair and efficient charging of waste services in urban areas, Proceedings of the World Sustainable Energy Days (O.O. Energiesparverband, ed), Wels, Austria, 28 February-3 March, CD-ROM edition.

Siapkas P., Karagiannidis A. and Theodoseli M. (2006), Biodiesel: feedstock, manufacture and application - a review., Proceedings of the World Sustainable Energy Days (O.O. Energiesparverband, ed), Wels, Austria, 28 February-3 March, CD-ROM edition.

Bilitewski B., Wittmaier M., Hahn C., Gunther M., Karagiannidis A. and Malamakis A. (2006), RENEW-entwicklung eines praxisorientierten handlungsleitfadens zur vorbereitung von machbarkeitsstudien fur die produktion von erneuerbarer energie aus organischem abfall und bioamasse in vergasungs-und verbrennungsanlagen, beispielhaft umgesetzt fur Phu Quoc/S.R. Vietnam, Proceedings of the World Sustainable Energy Days (O.O. Energiesparverband, ed), Wels, Austria, 28 February-3 March, CD-ROM edition.

Karagiannidis A., Bouzakis K.D., Moussiopoulos N., Sakellaropoulos G., Samaras P., Zabaniotou S., Achillias D., Voutsas D., Papachristou E., Tsiouvaras C., Nastis A., Palaggias G. and Kalfas S. (2006), NEUTRA: a 9-Laboratory network of the Aristotle University for the energetic utilization and thermal treatment of solid and liquid wastes, Proceedings of the World Sustainable Energy Days 2006 (O.O. Energiesparverband, ed), Wels, Austria, 28 February-3 March, CD-ROM edition.

Xirogiannopoulou A. and Karagiannidis A. (2006), Performance assessment of waste services by using benchmarking: the case of Nicosia Municipality in Cyprus, Proceedings of the 2nd International Conference and Exhibition of the Hellenic Solid Waste Management, Athens, Greece, 3-4 February, CD-ROM edition.

Palaggias G., Kalfas S., Karagiannidis A., Xirogiannopoulou A. and Kontogianni St. (2006), Investigating waste production and management in Thessaloniki dental units: preliminary results of Dentistry School, Proceedings of the 2nd International Conference and Exhibition of the Hellenic Solid Waste Management, Athens, Greece, 3-4 February, CD-ROM edition.

Xirogiannopoulou A., Karagiannidis A. and Tchobanoglous G. (2006), Full cost accounting as a tool for the financial assessment of Pay-As-You-Throw schemes: the case of Panorama, Proceedings of the 2nd International Conference and Exhibition of the Hellenic Solid Waste Management, Athens, Greece, 3-4 February, CD-ROM edition.

Bilitewski B., Reichenbach J., Karagiannidis A. and Theodoseli M. (2006), Exploration of market conditions for paper recycling in Greece, Proceedings of the 2nd International Conference and Exhibition of the Hellenic Solid Waste Management, Athens, Greece, 3-4 February, CD-ROM edition.

Zygouras M., Karagiannidis A. and Rakimbei P. (2006), Sludge management from the Thessaloniki sewage treatment plant through humification, Proceedings of the 2nd International Conference and Exhibition of the Hellenic Solid Waste Management, Athens, Greece, 3-4 February, CD-ROM edition.

Moussiopoulos N., Achillas Ch. and Koroneos C.J. (2006), Optimum end of life management of "NetMod" ISDN network terminal as a case study of electrical and electronic product, Proceedings of the 2nd International Conference and Exhibition of the Hellenic Solid Waste Management, Athens, Greece, 3-4 February, CD-ROM edition.

Moussiopoulos N., Karagiannidis A., Achillas Ch., Sioris K. and Boudouvas D. (2006), Transportation cost analysis in the developing hellenic WEEE management administrative system, Proceedings of the 2nd International Conference and Exhibition of the Hellenic Solid Waste Management, Athens, Greece, 3-4 February, CD-ROM edition.

Papadopoulos A. M., Stylianou A. and Oxizidis S. (2005), Strategies for reducing air-conditioning demand in insular energy systems, Proceedings of the 36th Congress on Heating, Refrigeration and Air Conditioning (B. Todorovic, ed), Belgrade, Serbia, 30 November - 02 December, 60-69.

Papadopoulos A.M., Papageorgiou P.K. and Giama E. (2005) Energy conservation in the hotel sector, Proceedings of the 36th Congress on Heating, Refrigeration and Air Conditioning (B. Todorovic, ed), Belgrade, Serbia, 30 November-02 December , 167-177.

Moussiopoulos N., Achillas Ch., Avramidis A., Boudouvas D., Giama E., Karagiannidis A., Papadopoulos A.M., Perkoulidis G., Sioris K. and Vlachos D. (2005), Cost analysis of the management of electr(on)ic products at the end of their useful life, Proceedings of the Transport 2005 International Conference, Sofia, Bulgaria, 10-11 November, 174-189.

Vardoulakis S., Dimitrova R., Richards K., Hamlyn D., Camilleri G., Weeks M., Sini J.F., Britter R., Borrego C., Schatzmann M. and Moussiopoulos N. (2005), Numerical model inter-comparison for a single block building within ATREUS, Proceedings of the 10th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (A. Skouloudis et al., eds), Crete, Greece, 17-20 October, 302-306.

Barmpas Ph., Moussiopoulos N. and Schatzmann M. (2005), Comparison of results from physical and numerical modelling of flow and dispersion in and around the Picada field site street canyon configuration, Proceedings of the 10th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (A. Skouloudis et al., eds), Crete, Greece, 17-20 October, 296-300.

Moussiopoulos N., Papathanassiou A., Barmpas Ph., Vlachokostas Ch., Eleftheriadou S. and Spiliotopoulos T. (2005), Street canyon model intercomparison exercise and validation study, Proceedings of the 10th International Conference on Harmonisation within Atmospheric Dispersion Modelling for

Regulatory Purposes (A. Skouloudis et al., eds), Crete, Greece, 17-20 October, 417-421.

Moussiopoulos N., Kalognomou E.A., Douros I., Samaras Z., Giannouli M. and Mellios G. (2005), Air pollution levels at hotspot areas of selected European cities, Proceedings of the 10th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (A. Skouloudis et al., eds), Crete, Greece, 17-20 October, 283-287.

Nitis T., Klaic Z.B. and Moussiopoulos N. (2005), Effects of topography on the urban heat island, Proceedings of the 10th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (A. Skouloudis et al., eds), Crete, Greece, 17-20 October, 473-477.

Barmpas Ph., Leitl B., Moussiopoulos N. and Schatzmann M. (2005), Laser light sheet visualisation experiments of flow and dispersion in and around the PICADA field site in a boundary layer wind tunnel, Proceedings of the 13th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region (MESAEP2005) (K. Nikolaou, ed), Thessaloniki, Greece, 8-12 October, 50.

Moussiopoulos N., Achillas Ch., Avramidis A., Boudouvas D., Giama E., Karagiannidis A., Papadopoulos A.M., Perkoulidis G., Sioris K. and Vlachos D. (2005), Cost analysis of the management of electrical and electronic products at the end of their useful life, Proceedings of the 13th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region (MESAEP2005) (K. Nikolaou, ed), Thessaloniki, Greece, 8-12 October, 166.

455. Koroneos C.J., Achillas Ch., Moussiopoulos N. and Kikis V. (2005), Sustainability in production-the application of environmental tools, Proceedings of the 13th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region (MESAEP2005) (K. Nikolaou, ed), Thessaloniki, Greece, 8-12 October, 280.

Karatzas K., Nikolaou K. and Moussiopoulos N. (2005), European program ARNEE-TU: environmental information using new technologies, Proceedings of the 2nd Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 8-12 October, 36, CD-ROM edition (in Greek).

Moussiopoulos N., Barmpas Ph. and Vlachokostas Ch. (2005), Photocatalytic innovative coverings applications for urban air quality improvement, Proceedings of the 2nd Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 8-12 October, 32, CD-ROM edition.

Moussiopoulos N., Douros I., Reis S., Friedrich R. and the MERLIN project team (2005), Air quality in 20 European cities-conclusions of MERLIN project, Proceedings of the 2nd Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 8-12 October, 26, CD-ROM edition.

Moussiopoulos N., Kalognomou E.A., van den Hout K.D., Larssen S., Mellios G., Samaras Z. and de Leeuw F. (2005), Determination of air pollutant emissions ceilings in street canyons - street emission ceilings exercise, Proceedings of the 2nd Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 8-12 October, 31, CD-ROM edition.

Koroneos C.J., Moussiopoulos N., Achillas Ch., Dompros A., Bouzakis K.D., Michailidis N., Iakovou E. and Xanthopoulos A. (2005), Implementation of recycling and environmental aspects in an integrated product policy, in electrical and electronic equipment, Proceedings of the 2nd International Conference on Manufacturing Engineering, ICMEN and EUREKA Brokerage Event (K.D. Bouzakis, ed), Kallithea, Chalkidiki, 5-7 October, 855-865.

Papadopoulos A.M. (2005), On the implementation of the energy performance directive in a real world, Proceedings of the 26th AIVC Conference – Ventilation in Relation to the Energy Performance of Buildings, Brussels, Belgium, 21-26 September, CD-rom

Monks P., Borell P., Brandt J., Kanakidou M., Kathy L., Millan M., Moussiopoulos N. and Tarasova O. (2005), Transport and Transformation of Pollutants (T&TP), Proceedings of the 1st ACCENT Symposium - The changing chemical climate of the atmosphere (S. Fuzzi and M. Maione, eds), Urbino, Italy, 12-16 September, CD-ROM edition.

Arvanitis A., Douros I. and Moussiopoulos N. (2005), Modelling of aerosol composition using the MARS-MUSE dispersion model, Proceedings of the 1st ACCENT Symposium - The changing chemical climate of the atmosphere (S. Fuzzi and M. Maione, eds), Urbino, Italy, 12-16 September, CD-ROM edition.

Debry E., Douros I. and Moussiopoulos N. (2005), Modelling of organic aerosol composition in the MARS-MUSE dispersion model, some preliminary results, Proceedings of the 1st ACCENT Symposium - The changing chemical climate of the atmosphere (S. Fuzzi and M. Maione, eds), Urbino, Italy, 12-16 September, CD-ROM edition.

Schuepbach E., Aarflot A., Silvio B., Jacob M., Kobernus M. J., Moussiopoulos N. and Ubelis A. (2005), Atmospheric composition change is fun: learning and teaching within a network of excellence, Proceedings of the 1st ACCENT Symposium - The changing chemical climate of the atmosphere (S. Fuzzi and M. Maione, eds), Urbino, Italy, 12-16 September, 154-157, CD-ROM edition.

Moussiopoulos N., Douros I., Tsegas G., Fragkou E., Carvalho A., Aquilina N. and Borrego C. (2005), Meteorological simulations over the greater Athens area using MM5 and MEMO mesoscale models, Proceedings of the 1st ACCENT Symposium - The changing chemical climate of the atmosphere (S. Fuzzi and M. Maione, eds), Urbino, Italy, 12-16 September, 172-181, CD-ROM edition.

Koroneos C.J., Achillas Ch. and Moussiopoulos N. (2005), Life cycle management in electrical and electronic equipment, Proceedings of the 2nd International Conference on Life Cycle Management (LCM 05), Barcelona, Spain, 5-7 September.

Leverenz H., Xirogiannopoulou A., Tchobanoglous G. and karagiannidis A. (2005), Financial aspects of urban solid waste management in Greece and the US: the cases of Panorama and Davis, Proceedings of the 9th Conference on Environmental Science and Technology (CEST 05) (T.D. Lekkas, ed), Rhodes island, Greece, 1-3 September, CD-ROM edition.

Bilitewski B., Karagiannidis A., Theodoseli M., Malamakis A., Reichenbach J. and Janz A. (2005), Composting as an integrated solid waste management tool-lessons learned from asean-european co-operation: the example of Pieria, Greece, Proceedings of the 9th Conference on Environmental Science and Technology (CEST 05) (T.D. Lekkas, ed), Rhodes island, Greece, 1-3 September, CD-ROM edition.

Tsatsarelis Th., Perkoulidis G., Karagiannidis A. and Moussiopoulos N. (2005), Promoting integrated tools for landfill restoration: the case of Kozani prefecture in the region of Western Macedonia, Proceedings of the 9th Conference on Environmental Science and Technology (CEST 05) (T.D. Lekkas, ed), Rhodes island, Greece, 1-3 September, 1477-1482, CD-ROM edition.

Moussiopoulos N., Douros I., Reis S. and Friedrich R. (2005), MERLIN: the study of urban air quality in 20 European cities, Proceedings of the 9th Conference on Environmental Science and Technology (CEST 05) (T.D. Lekkas, ed), Rhodes island, Greece, 1-3 September, 1044-1049, CD-ROM edition.

Moussiopoulos N., Barmpas Ph., Vlachokostas Ch. and Ossanlis I. (2005), Comparison of experimental results and model simulations and cost-effectiveness assessment of photocatalytic covering techniques, Proceedings of the 9th Conference on Environmental Science and Technology (CEST 05) (T.D. Lekkas, ed), Rhodes island, Greece, 1-3 September, 1038-1043, CD-ROM edition.

Koroneos C.J., Achillas Ch., Moussiopoulos N. and Kikis V. (2005), Sustainability in production - the application of environmental tools, Proceedings of the 9th Conference on Environmental Science and Technology (CEST 05) (T.D. Lekkas, ed), Rhodes island, Greece, 1-3 September, 455-460, CD-ROM edition.

Moussiopoulos N., Achillas Ch., Avramidis A, Boudouvas D, Giama E., Karagiannidis A., Papadopoulos A.M., Perkoulidis G., Sioris K. and Vlachos D. (2005), Cost analysis of the management of electrical and electronic products at the end of their useful life, Proceedings of the 9th Conference on Environmental Science and Technology (CEST 05) (T.D. Lekkas, ed), Rhodes island, Greece, 1-3 September, 1032-1037, CD-ROM edition.

Koroneos C.J., Vasileiadis M., Xydis G. and Moussiopoulos N. (2005), Life cycle analysis of solid oxide fuel cells, Proceedings of the 9th Conference on Environmental Science and Technology (CEST 05) (T.D. Lekkas, ed), Rhodes island, Greece, 1-3 September, 810-816, CD-ROM edition.

Koroneos C.J., Xydis G. and Moussiopoulos N. (2005), The optimal use of solar system in the greek island of Kefhalonia, Proceedings of the International Solar Energy Conference, Orlando, Florida, U.S.A., 6-12 August.

Koroneos C.J., Dompros A., Roumbas G. and Moussiopoulos N. (2005), Hydrogen production from fossil fuels - a life cycle analysis approach, Proceedings of the 1st International Hydrogen Energy Congress & Exhibition IHEC 2005, Istanbul, Turkey, 13-15 July.

Thomakou T., Kerasidou F., Xydis G. and Koroneos C.J. (2005), Life cycle analysis of a heating system, Proceedings of the 2nd International Exergy, Energy and Environment Symposium (IEEES2), Kos island, Greece, 3-7 July, 61.

Chatziaggelidis K., Chaviaras I., Xydis G. and Koroneos C.J. (2005), Use of nuclear energy for hydrogen production, Proceedings of the 2nd International Exergy, Energy and Environment Symposium (IEEES2), Kos island, Greece, 3-7 July, 57.

Katopodi E. and Koroneos C.J. (2005), Maximization of wind energy penetration with the use of H<sub>2</sub> production, Proceedings of the 2nd International Exergy, Energy and Environment Symposium (IEEES2), Kos island, Greece, 3-7 July, 56.

Polyzakis A. and Koroneos C.J. (2005), Energy case studies analysis and a proposal of a prime mover for a trigeneration power plant, Proceedings of the 2nd International Exergy, Energy and Environment Symposium (IEEES2), Kos island, Greece, 3-7 July, 17.

Moussiopoulos N., Douros I. and Vlachokostas Ch. (2005), Photochemical air pollution levels in Athens: analysis of the current situation and future projections with emphasis on the impact of shipping emissions, Proceedings of the 1st International Conference on Harbours and Air Quality (E. Canepa and E. Georgieva, eds), Genoa, Italy, 15-17 June, 173-181.

Karagiannidis A., Tsatsarelis T., Perkoulidis G., Theodoseli M. and Mavridis B. (2005) Locational and environmental characteristics of waste disposal sites in the prefecture of Evros, Proceedings of the 12th International Symposium on Toxicity Assessment, (A. Kungolos, ed), Skiathos, Greece, 12-17 June, 177.

Sanida G. and Karagiannidis A. (2005), Medical waste management in 2nd regional health and welfare authority, Proceedings of the 12th International Symposium on Toxicity Assessment, (A. Kungolos, ed), Skiathos, Greece, 12-17 June, 175.

Zygouras M. and Karagiannidis A. (2005) Municipal sewage sludge management, Proceedings of the 12th International Symposium on Toxicity Assessment, (A. Kungolos, ed), Skiathos, Greece, 12-17 June, 174.

Nguyen T., Karagiannidis A., Bilitewski B., Theodoseli M., Reichenbach J. and Janz A. (2005) Planning of composting schemes for selected communities in Greece and Vietnam, Proceedings of the 12th International Symposium on Toxicity Assessment, (A. Kungolos, ed), Skiathos, Greece, 12-17 June, 171.

Zygouras M. and Karagiannidis A. (2005) Results from a pilot plant for recycling of construction and demolition wastes, Proceedings of the 12th International Symposium on Toxicity Assessment, (A. Kungolos, ed), Skiathos, Greece, 12-17 June, 170.

Papayno P., Galang A., Karagiannidis A., Bilitewski B., Theodoseli M., Reichenbach J. and Janz A. (2005) Planning of a management scheme for sanitary waste in Miriam College, Proceedings of the 12th International Symposium on Toxicity Assessment, (A. Kungolos, ed), Skiathos, Greece, 12-17 June, 169.

Karagiannidis A., Kouras A., Perkoulidis G., Rakimbei P. and Tsatsarelis T. (2005) A first step of risk assessment in a semi-controlled landfill: case study in municipality of Chalastra in Greece, Proceedings of the 12th International Symposium on Toxicity Assessment, (A. Kungolos, ed), Skiathos, Greece, 12-17 June, 107.

Rakimbei P., Tzafeiropoulou K., Karagiannidis A., Tsiouvaras C., Tsiridis V., Samaras P., Keramidas V., and Nastis A. (2005) Inventory of the accumulated pollution in the uncontrolled landfill of Efkarpia, Proceedings of the 12th International Symposium on Toxicity Assessment, (A. Kungolos, ed), Skiathos, Greece, 12-17 June, 179.

Koroneos C.J., Spachos Th. and Moussiopoulos N. (2005), Renewable energy systems-the environmental impact approach, Proceedings of the International Green Energy Conference (IGEC-1), Ontario, Canada, 12-16 June.



Koroneos C.J., Xydis G. and Moussiopoulos N. (2005), The role of renewable energy sources and energy efficiency in sustainable manufacturing, Proceedings of the International Society for Industrial Ecology Conference (ISIE-2005), Stockholm, Sweden, 12-15 June.

Moussiopoulos N., Kalognomou E.A. and Vlachokostas Ch. (2005), Street emission ceilings exercise, Proceedings of the 14th Symposium Transport and Air Pollution including COST 346-GRAZER CONGRESS (P. Sturm and S. Minarik, eds), Graz, Austria, 1-3 June, Vol. 85/I, 299-308.

Moussiopoulos N., Douros I., Reis S. and Friedrich R. (2005), MERLIN: the study of urban air quality in 20 European cities, Proceedings of the 14th Symposium Transport and Air Pollution including COST 346-GRAZER CONGRESS (P. Sturm and S. Minarik, eds), Graz, Austria, 1-3 June, Vol. 85/I, 31-40.

Papadopoulos A.M., Avgelis A., Karamanos A., Hadiarakou S., Nikolopoulos Ch., Pesmatzoglou H. (2005), Composite insulating materials as a tool for the reduction of cooling loads, Proceedings of the 1st International Conference Passive and Low Energy Cooling for the Built Environment (PALENC 05) (M. Santamouris, ed), Santorini, Greece, 19-21 May, Vol. 2, 803-808.

Oxizidis S., Wemmers A., Papadopoulos A.M., Avgelis A., Stylianou A. (2005), Evaluation of solar driven thermal systems for urban buildings, Proceedings of the 1st International Conference Passive and Low Energy Cooling for the Built Environment (PALENC 05) (M. Santamouris, ed), Santorini, Greece, 19-21 May, Vol. 2, 657-662.

Papadopoulos A.M., Stylianou A., Oxizidis S. (2005), On the impact of energy pricing on low energy design of buildings, Proceedings of the 1st International Conference Passive and Low Energy Cooling for the Built Environment (PALENC 05) (M. Santamouris, ed), Santorini, Greece, 19-21 May, Vol. 1, 279-284.

Koroneos C.J. and Xydis G. (2005), The application of exergy analysis in cogeneration - a case study in Greece, Proceedings of the 2nd International Conference on Applied Thermodynamics (ATC'05) (H. Heperkan et al., eds), Istanbul, Turkey, 18-20 May, 113-122.

Karagiannidis A., Bilitewski B., Theodoseli M., Reichenbach J., Janz A., Nguyen T., Galang A. and Papayno P. (2005), Planning of composting schemes for solid wastes in Asia, Proceedings of the 1st International Conference on Waste the Social Context (Edmonton Waste Management Centre of Excellence, ed), Edmondon, Canada, 11-14 May, 229-238, CD-ROM edition.

Karagiannidis A., Erkut E., Xirogiannopoulou A. and Perkoulidis G. (2005), On social issues related to municipal solid waste: modelling public annoyance and convenience from temporary storage containers, Proceedings of the 1st International Conference on Waste the Social Context (Edmonton Waste Management Centre of Excellence, ed), Edmondon, Canada, 11-14 May, 310-318, CD-ROM edition.

Karagiannidis A., Xirogiannopoulou A., Leverenz H., Tchobanoglous G., Erkut E. and Voutsas A. (2005), Investigation of key-factors influencing individual behaviour and attitude towards or against illegal waste dumping and source separation activities, under the frame of a potential pay-as-you-throw-system in Greece, Proceedings of the 1st International Conference on Waste the Social Context (Edmonton Waste Management Centre of Excellence, ed), Edmondon, Canada, 11-14 May, 319-328, CD-ROM edition.

Avgelis A., Oxizidis S., Stylianou A. and Papadopoulos A.M (2005), Energy consumption and indoor quality relationship in a naturally ventilated building, Proceedings of the 5th International Conference on Urban Air Quality (N. Moussiopoulos et al., eds), Valencia, Spain, 29-31 March.

Kukkonen J., Sokhi R.S., Pohjola M., Luhana L., Kitwiroom N., Fragkou E., Rantamaki M., Berge E., Odegaard V., Slordal L.V., Denby B. and Finardi S. (2005), Analysis of local-scale PM10 air pollution episodes in four European cities with extended numerical analysis for London using MM5, Proceedings of the 5th International Conference on Urban Air Quality (N. Moussiopoulos et al., eds), Valencia, Spain, 29-31 March, 88.

Moussiopoulos N. and Kalognomou E.A. (2005), Atmospheric linkages between climate change and air pollution, Proceedings of the 5th International Conference on Urban Air Quality (N. Moussiopoulos et al., eds), Valencia, Spain, 29-31 March, 286.

Assimakopoulos V.D., Georgakis C., Santamouris M. and Moussiopoulos N. (2005), Comparing computational fluid dynamics code results with real time measurements from three typical street canyons in Athens, Greece, Proceedings of the 5th International Conference on Urban Air Quality (N. Moussiopoulos et al., eds), Valencia, Spain, 29-31 March, 238.

Moussiopoulos N., Gobin C. and Vlachokostas Ch. (2005), Cost-effectiveness assessment of photocatalytic covering techniques, Proceedings of the 5th International Conference on Urban Air Quality (N. Moussiopoulos et al., eds), Valencia, Spain, 29-31 March, 73.

Moussiopoulos N. and Builtjes P.J.H. (2005), Database on atmospheric model evaluation (DAME) in ACCENT, Proceedings of the 5th International Conference on Urban Air Quality (N. Moussiopoulos et al., eds), Valencia, Spain, 29-31 March, 139.

Thomas A.V., Borrego C., Grewe V., Issaksen I. and Moussiopoulos N. (2005), Model quality assurance in ACCENT, Proceedings of the 5th International Conference on Urban Air Quality (N. Moussiopoulos et al., eds), Valencia, Spain, 29-31 March, 138.

Barmpas Ph., Leitl B., Moussiopoulos N. and Schatzmann M. (2005), Physical modelling of flow and dispersion in and around an idealised street canyon-replicating the PICADA field experiment in a boundary layer wind, Proceedings of the 5th International Conference on Urban Air Quality (N. Moussiopoulos et al., eds), Valencia, Spain, 29-31 March, 72.

Papathanassiou A., Douros I. and Moussiopoulos N. (2005), SEP-SCAM: a simplified 3-dimensional approach in street canyon modelling, Proceedings of the 5th International Conference on Urban Air Quality (N. Moussiopoulos et al., eds), Valencia, Spain, 29-31 March, 123.

Douros I., Aquilina N., Panagiotidis P., Carvalho A., Borrego C. and Moussiopoulos N. (2005), High resolution meteorological simulations over Athens using MM5 and MEMO mesoscale models, Proceedings of the 5th International Conference on Urban Air Quality (N. Moussiopoulos et al., eds), Valencia, Spain, 29-31 March, 31.

Moussiopoulos N., Ossanlis I., Barmpas Ph. and Bartzis J. (2005), Comparison of numerical and experimental results for the evaluation of the depollution effectiveness of photocatalytic coverings in street canyons, Proceedings of the 5th International Conference on Urban Air Quality (N. Moussiopoulos et al., eds), Valencia, Spain, 29-31 March, 70.

Maggos Th., Plassais A., Bartzis J.G., Vassilakos Ch., Moussiopoulos N. and Bonafous L. (2005), Photocatalytic degradation of NO<sub>x</sub> in a pilot street canyon configuration using TiO<sub>2</sub>-mortar panels, Proceedings of the 5th International Conference on Urban Air Quality (N. Moussiopoulos et al., eds), Valencia, Spain, 29-31 March, 69.

Friedrich R., Reis S., Douros I., Moussiopoulos N. and the MERLIN project team (2005), European emission control strategies and the urban environment-lessons learned from the EU research project Merlin, Proceedings of the 5th International Conference on Urban Air Quality (N. Moussiopoulos et al., eds), Valencia, Spain, 29-31 March, 23.

Moussiopoulos N., Kalognomou E.A., van den Hout K.D., Larssen S., Mellios G., Samaras Z. and de Leeuw F. (2005), The street emission ceilings, SEC project, Proceedings of the 5th International Conference on Urban Air Quality (N. Moussiopoulos et al., eds), Valencia, Spain, 29-31 March, 9.

Slini Th., Karatzas K., and Moussiopoulos N. (2005), Ozone forecasting supported by data mining statistical methods, Proceedings of the 5th International Conference on Urban Air Quality (N. Moussiopoulos et al., eds), Valencia, Spain, 29-31 March, 65.

Karamanos A., Giama E., Chadiarakou S. and Papadopoulos A.M. (2005), Thermal protection of the building envelope and the role of innovative thermal insulation materials, Proceedings of the 1st Panhellenic Conference of Dipl. Mechanical - Electrical Engineers (Panhellenic Society of Mechanical – Electrical Engineers, eds), Athens, Greece, 28-30 March, CD-ROM edition (in Greek).

Papageorgiou K.P., Avgelis A. and Papadopoulos A.M. (2005), Cooling loads in buildings and electric energy market, Proceedings of the 1st Panhellenic Conference of Dipl. Mechanical - Electrical Engineers (Panhellenic Society of Mechanical – Electrical Engineers, eds), Athens, Greece, 28-30 March, CD-ROM edition (in Greek).

Papadopoulos A.M., Georgiadis P., Vlachokostas Ch. and Karagiannidis A. (2005), The hellenic electricity production systems towards system dynamics approach, Proceedings of the 1st Panhellenic Conference of Dipl. Mechanical - Electrical Engineers (Panhellenic Society of Mechanical – Electrical Engineers, eds), Athens, Greece, 28-30 March, CD-ROM edition (in Greek).

Koroneos C.J., Achillas Ch. and Moussiopoulos N. (2005), Sustainability in production – the application of environmental tools, Proceedings of the 1st Panhellenic Conference of Dipl. Mechanical - Electrical Engineers (Panhellenic Society of Mechanical – Electrical Engineers, eds), Athens, Greece, 28-30 March, CD-ROM edition (in Greek).

Xirogiannopoulou A., Karagiannidis A. and Moussiopoulos N. (2005), Variable rate pricing of solid waste management in Greece: preliminary results from an applicability study, Proceedings of the 1st Panhellenic Conference of Dipl. Mechanical - Electrical Engineers (Panhellenic Society of Mechanical – Electrical Engineers, eds), Athens, Greece, 28-30 March, CD-ROM edition (in Greek).

Koroneos C.J., Charalambis M., Dompros A., Roumbas G. and Moussiopoulos N. (2005), Benefits from the establishment of the energy management agency in the Dodecanese islands, Proceedings of the World sustainable energy days 2005 - European Pellets Conference, Wels, Austria, 2-4 March.

Papageorgiou K., Papadopoulos A.M., Zapounidis K.Ch., Partsalidou A.P., Paulou G.K. and Santamouris M. (2005), Renewable sources and energy consumption through energetic consulting centers, Proceedings of the 3rd National Conference on the Application of Renewable Energy Sources-Prospects and Priorities towards 2010, Athens, Greece, 23-25 February (in Greek).

Koroneos C.J., Xydis G. and Moussiopoulos N. (2005), Low enthalpy geothermal energy-applications in Greece and environmental benefits, Proceedings of the 3rd National Conference on the Application of Renewable Energy Sources-Prospects and Priorities towards 2010, Athens, Greece, 23-25 February (in Greek).

Karavides G. and Papadopoulos A.M. (2005), Tradable green certificates system for electric energy production, Proceedings of the 5th International Exhibition and Conference on Environmental Technology (HELECO 05) (Technical Chamber of Greece, ed), Athens, Greece, 3-6 February, CD-ROM edition.

Moussiopoulos N. and Vlachokostas Ch. (2005), The multi-pollutant cost-effectiveness emission reduction problem, Proceedings of the 5th International Exhibition and Conference on Environmental Technology (HELECO 05) (Technical Chamber of Greece, ed), Athens, Greece, 3-6 February, 154, CD-ROM edition.

Papageorgiou K.P., Papadopoulos A.M., Zapounidis H.K., Partsalidou A.M., Pavlou G.K. and Santamouris I.M. (2005), Regional energy centres in European Union, Proceedings of the 5th International Exhibition and Conference on Environmental Technology (HELECO 05) (Technical Chamber of Greece, ed), Athens, Greece, 3-6 February, 220-221, CD-ROM edition.

Nastis A., Tsiouvaras C., Tzafeiropoulou K., Karagiannidis A., Rakimbei P., Theodoseli M., Moussiopoulos N. and Samaras P. (2005), Restoration of a closed landfill in the Efkarpia community within the broader Thessaloniki area: preliminary results, Proceedings of the 5th International Exhibition and Conference on Environmental Technology (HELECO 05) (Technical Chamber of Greece, ed), Athens, Greece, 3-6 February, 184, CD-ROM edition.

Koroneos C.J., Dompros A., Roumbas G. and Moussiopoulos N. (2005), Life cycle assessment of hydrogen fuel production processes, Proceedings of the 5th International Exhibition and Conference on Environmental Technology (HELECO 05) (Technical Chamber of Greece, ed), Athens, Greece, 3-6 February, 125, CD-ROM edition.

Koroneos C.J., Dompros A., Theodosiou T.G., Roumbas G. and Moussiopoulos N. (2005), ECOSMEs - a tool for the implementation of IPP in SMEs, Proceedings of the 5th International Exhibition and Conference on Environmental Technology (HELECO 05) (Technical Chamber of Greece, ed), Athens, Greece, 3-6 February, 124, CD-ROM edition.

Theodosiou T.G., Koroneos C.J. and Moussiopoulos N. (2005), Environmental impacts of the domestic use of different energy forms, Proceedings of the 5th International Exhibition and Conference on Environmental Technology (HELECO 05) (Technical Chamber of Greece, ed), Athens, Greece, 3-6 February, 104, CD-ROM edition.

Zygouras M. and Karagiannidis A. (2005), Results from a pilot plant for recycling of construction and demolition wastes, Proceedings of the 5th International Exhibition and Conference on Environmental Technology (HELECO 05) (Technical Chamber of Greece, ed), Athens, Greece, 3-6 February, 92, CD-ROM edition.

Erkut E., Karagiannidis A., Perkoulidis G. and Tjandra S. (2005), Optimization of regional management of municipal solid waste: a modelling approach with application, Proceedings of the 5th International Exhibition and Conference on Environmental Technology (HELECO 05) (Technical Chamber of Greece, ed), Athens, Greece, 3-6 February, 92-93, CD-ROM edition.

Karamanos A., Giama E., Hadirakou S. and Papadopoulos A.M. (2005), Comparative evaluation of stonewool and extruded polystyrene, Proceedings of the 5th International Exhibition and Conference on Environmental Technology (HELECO 05) (Technical Chamber of Greece, ed), Athens, Greece, 3-6 February, 102, CD-ROM edition.

Moussiopoulos N., Barmpas Ph. and Ossanlis I. (2005), Dispersion modelling in the frame of the evaluation of the depollution effectiveness of photocatalytic wall coatings, Proceedings of the 5th International Exhibition and Conference on Environmental Technology (HELECO 05) (Technical Chamber of Greece, ed), Athens, Greece, 3-6 February, 32, CD-ROM edition.

Moussiopoulos N. and Douros I. (2005), Application and development of the OFIS model in the framework of CITY-DELTA European exercise, Proceedings of the 5th International Exhibition and Conference on Environmental Technology (HELECO 05) (Technical Chamber of Greece, ed), Athens, Greece, 3-6 February, 30, CD-ROM edition.

Koroneos C.J., Dompros A., Roumbas G. and Moussiopoulos N. (2005), Hydrogen production from renewable energy sources - an environmental assessment, Proceedings of the 1st National Conference on Alternative Fuels, Athens, Greece, 27-28 January.

Papadopoulos A.M., Avgelis A. And Stylianou A. (2004), Energy audits in hospital buildings and the potential for energy conservation, Proceedings of the Towards the 'smart' hospital, The IHF Inter-regional Conference, (P.G. Svensson, A. Manthos and A. Kotsiopoulos, eds), Thessaloniki, Greece, 4-7 November.

Sanida G., Mavidou F., Vartzopoulos D., Karagiannidis A. and Moussiopoulos N. (2004) Intra-hospital draft regulation for hazardous medical waste management, Proceedings of the Towards the 'smart' hospital, The IHF Inter-regional Conference, (P.G. Svensson, A. Manthos and A. Kotsiopoulos, eds), Thessaloniki, Greece, 4-7 November, 82.

Ossanlis I., Barmpas Ph. and Moussiopoulos N. (2004), The effect of a street canyon length on the street scale flow field and air quality: a numerical study, Proceedings of the ITM 27th NATO/CCMS International Technical Meeting on Air Pollution Modelling and its Application (A.L. Norman and C. Borrego et al., eds), Banff, Alberta, Canada, 25-29 October, 353-360.

Papadopoulos A.M., Papageorgiou P.K., Partsalidou B. and Zapounidis K. (2004), Promoting renewable energy sources on a regional level by educating and supporting local actors, Proceedings of the RES and RUE for Islands-Sustainable Energy Solutions Conference, Larnaca, Cyprus, 30-31 August, CD-ROM edition.

Papadopoulos A.M., Stylianou A., Oxizidis S. and Camilleri G. (2004), Reducing air-conditioning demand in urban buildings and its impact in not interconnected electrical systems, Proceedings of the RES and RUE for Islands-Sustainable Energy Solutions Conference, Larnaca, Cyprus, 30-31 August, CD-ROM edition.

Karagiannidis A., Erkut E., Pardali S., Tjandra and Perkoulidis G. (2004), A multicriterial facility location model for municipal solid waste management, Proceedings of the EURO XX (I. Siskos, ed), Rhodes, Greece, 4-7 July, 49, CD-ROM edition.

Moussiopoulos N., Douros I., Fragkou E., Naneris Ch. and Vlachocostas Ch. (2004), What emission reductions are needed in Athens for attaining the EU air quality legislation?, Proceedings of the 7th International Conference Protection and Restoration of the Environment (C. Moutzouris et al., eds), Mykonos, Greece, 28 June-1 July, 115, CD-ROM edition.

Vlachokostas Ch. and Moussiopoulos N. (2004), The multi-pollutant cost-effectiveness emission reduction problem, Proceedings of the 7th International Conference Protection and Restoration of the Environment (C. Moutzouris et al., eds), Mykonos, Greece, 28 June-1 July, 112, CD-ROM edition.

Tsiotras G., Georgiou A., Papadopoulos A.M., Karagiannidis A. and Rakimbei P. (2004), Planning of interventions for the optimization of urban solid waste collection at municipal level, Proceedings of the 7th International Conference Protection and Restoration of the Environment (C. Moutzouris et al., eds), Mykonos, Greece, 28 June-1 July, 99, CD-ROM edition.

Sanida G., Kallergis K., Karagiannidis A., Rakimbei P. and Xirogiannopoulou A. (2004), Infectious hospital waste management at the 2nd regional health and welfare authority of Central Macedonia, Proceedings of the 7th International Conference Protection and Restoration of the Environment (C. Moutzouris et al., eds), Mykonos, Greece, 28 June-1 July, 98, CD-ROM edition.

Karagiannidis A., Xirogiannopoulou A., Chryssochoou M., Perkoulidis G. and Moussiopoulos N. (2004), Modelling the citizens annoyance and convenience from urban solid waste collection bins, Proceedings of the 7th International Conference Protection and Restoration of the Environment (C. Moutzouris et al., eds), Mykonos, Greece, 28 June-1 July, 97, CD-ROM edition.

Nitis Th., Klaic Z.B., Kitsiou D. and Moussiopoulos N. (2004), Boundary layer height determination under summertime anticyclonic weather conditions over the coastal area of Rijeka, Croatia, Proceedings of the 9th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (P. Suppan, ed), Garmisch-Partenkirchen, Germany, 1-4 June, Vol. 2, 289-293.

Moussiopoulos N. and Douros I. (2004), Application and development of the OFIS model within the framework of CityDelta, Proceedings of the 9th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (P. Suppan, ed), Garmisch-Partenkirchen, Germany, 1-4 June, Vol. 1, 115-119.

Moussiopoulos N., Ossanlis I. and Barmpas Ph. (2004), A study of heat transfer effects on air quality in street canyons by numerical simulations, Proceedings of the 9th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (P. Suppan, ed), Garmisch-Partenkirchen, Germany, 1-4 June, Vol. 2, 119-123.

Karagiannidis A., Theodoseli M., Rakimbei P., Tsatsarelis Th. and Chryssochoou M. (2004), Locational characteristics of wild landfills in the Prefecture of Thessaloniki, Greece, Proceedings of the CORS/INFORMS Joint International Meeting (E. Erkut, ed), Banff, Alberta Canada, 16-19 May, 105.

Karagiannidis A., Pardali S., Perkoulidis G. and Papadopoulos A.M. (2004), Optimizing the routing of collection trucks for urban solid wastes in a greek Municipality, Proceedings of the CORS/INFORMS Joint International Meeting (E. Erkut, ed), Banff, Alberta Canada, 16-19 May, 20.

Papadopoulos A.M., Karagiannidis A., Georgiadis P.E. and Vlachokostas Ch. (2004), Liberalization of the greek electricity system: a system dynamics approach, Proceedings of the CORS/INFORMS Joint International Meeting (E. Erkut, ed), Banff, Alberta Canada, 16-19 May, 57.

Avgelis A., Giama E., Karamanos A., Papageorgiou K.P. and Papadopoulos A.M. (2004), A comparative life cycle analysis case study of a constant and a variable air volume system in an educational building, Proceedings of the 6th Biannual International HVAC&R Symposium, Istanbul, Turkey, 3-5 May.



Papageorgiou K.P., Karamanos A., Avgelis A., Giama E. and Papadopoulos A.M. (2004), Energy audits, as a key to energy management in the hotel sector, Proceedings of the 6th Biannual International HVAC&R Symposium, Istanbul, Turkey, 3-5 May.

Koroneos C.J., Dompros A., Roumbas G. and Moussiopoulos N. (2004), Hydrogen fuel production – An LCA approach, Proceedings of the 14th Annual Meeting of SETAC Europe, Prague, Czech Republic, 18-22 April, 200.

Moussiopoulos N., Karatzas K., Endregard G., Fedra K., Friedrich R., Johansen P.H., Kalognomou E.A., Karppinen A., Kraggerud P.H., Kukkonen J., Larssen S., de Leeuw F., Lohmeyer A., Naneris Ch., Nicklass D., Papaioannou G., Peinel G., Pulles T., Reis S., Rose T., Sedlmayr M. and van den Hout D. (2003), Environmental services and data brokerage portal: ENV-e-CITY in action, Proceedings of the 17th International Conference Informatics for Environmental Protection (A. Gnauck and R. Heinrich, eds), Bonn, Germany, 24-26 September, 652-659.

Koroneos C.J., Michailidis M. and Moussiopoulos N. (2003), Multi objective optimization in energy systems: the case of Lesvos island, Proceedings of the 8th International Conference on Environmental Science and Technology (CEST 03) (T.D. Lekkas, ed), Myrina, Lemnos island, Greece, 8-10 September, 441-448, CD-ROM edition.

Karatzas K., Fedra K., Moussiopoulos N., Lascaratos A., Perivoliotis L., Loizidou M. and Fatta D. (2003), Environmental management of a coastal urban area: the ECOSIM project, Proceedings of the 8th International Conference on Environmental Science and Technology (CEST 03) (T.D. Lekkas, ed), Myrina, Lemnos island, Greece, 8-10 September, 393-400, CD-ROM edition.

Dourala N., Papadopoulou D., Giama E. and Moussiopoulos N. (2003), Environmental accounting: a decision-making tool for companies, Proceedings of the 8th International Conference on Environmental Science and Technology (CEST 03) (T.D. Lekkas, ed), Myrina, Lemnos island, Greece, 8-10 September, 171-177, CD-ROM edition.

Koroneos C.J., Theodosiou T.G. and Moussiopoulos N. (2003), Classification and analysis of software support tools for environmentally friendly product, Proceedings of the 8th International Conference on Environmental Science and Technology (CEST 03) (T.D. Lekkas, ed), Myrina, Lemnos island, Greece, 8-10 September, 449-456, CD-ROM edition.

Karagiannidis A., Papadopoulos A.M., Moussiopoulos N., Perkoulidis G., Tsatsarelis Th. and Michalopoulos A. (2003), Characteristics of wastes from electric and electronic equipment in Greece: results of a field survey, Proceedings of the 8th International Conference on Environmental Science and Technology (CEST 03) (T.D. Lekkas, ed), Myrina, Lemnos island, Greece, 8-10 September, 353-360, CD-ROM edition.

Karagiannidis A., Moussiopoulos N., Diamandopoulos G., Kaggelidis K. and Perkoulidis G. (2003), Simulation modelling software for integrated solid waste management at Regional level, Proceedings of the 8th International Conference on Environmental Science and Technology (CEST 03) (T.D. Lekkas, ed), Myrina, Lemnos island, Greece, 8-10 September, 346-352, CD-ROM edition.

Koroneos C.J., Drosos G., Roumbas G. and Moussiopoulos N. (2003), Life cycle environmental impact assessment of a solar heater, Proceedings of the 8th International Conference on Environmental Science and Technology (CEST 03) (T.D. Lekkas, ed), Myrina, Lemnos island, Greece, 8-10 September, 508-514, CD-ROM edition.

Moussiopoulos N., Kalognomou E.A., Arvanitis A. and Turlou P.M. (2003), A comprehensive tool for the prediction and management of air quality in Thessaloniki, Proceedings of the 8th International Conference on Environmental Science and Technology (CEST 03) (T.D. Lekkas, ed), Myrina, Lemnos island, Greece, 8-10 September, 626-633, CD-ROM edition.

343. Koroneos C.J., Dombros A., Dourala N. and Moussiopoulos N. (2003), IN-SUSTAIN: Optimising “production-use-consumption” interactions, Proceedings of the 8th International Conference on Environmental Science and Technology (CEST 03) (T.D. Lekkas, ed), Myrina, Lemnos island, Greece, 8-10 September, 501-507, CD-ROM edition.

Karagiannidis A., Xirogiannopoulou A. and Moussiopoulos N. (2003), Municipal charges in Greece as a tool for waste charging: a statistical analysis of possible correlations with the population and the number of households in municipalities, Proceedings of the 8th International Conference on Environmental Science and Technology (CEST 03) (T.D. Lekkas, ed), Myrina, Lemnos island, Greece, 8-10 September, 389-396, CD-ROM edition.

Papadopoulos S., Moussiopoulos N., Vatseris C., Karagiannidis A. and Chrysoschoou M. (2003), Development of an integrated tool for contaminated site remediation implementing biological and physicochemical treatment methods, Proceedings of the 8th International Conference on Environmental Science and Technology (CEST 03) (T.D. Lekkas, ed), Myrina, Lemnos island, Greece, 8-10 September, 690-697, CD-ROM edition.

Chrysoschoou M., Bilitewski B., Moussiopoulos N. and Karagiannidis A. (2003), Comparison of leaching tests for the characterization of waste, Proceedings of the 8th International Conference on Environmental Science and Technology (CEST 03) (T.D. Lekkas, ed), Myrina, Lemnos island, Greece, 8-10 September, 112-119, CD-ROM edition.

Moussiopoulos N. (2003), Recent advances in urban air pollution research, Proceedings of the 8th International Conference on Environmental Science and Technology (CEST 03) (T.D. Lekkas, ed), Myrina, Lemnos island, Greece, 8-10 September, 609-625, CD-ROM edition.

Avgelis A. and Papadopoulos A.M. (2003), The effect of ventilation on the indoor environmental quality in a natural ventilated office building, a case study, Proceedings of the 8th International Conference on Environmental Science and Technology (CEST 03) (T.D. Lekkas, ed), Myrina, Lemnos island, Greece, 8-10 September, CD-ROM edition.

Koroneos C.J., Theodosiou T.G. and Moussiopoulos N. (2003), Exergy analysis of cement and concrete production, Proceedings of the 1st International Exergy, Energy and Environment Symposium (IEEEES-1), Izmir, Turkey, 13-17 July, 82.

Xirogiannopoulou A., Karagiannidis A. and Moussiopoulos N. (2003), A field survey of key-components for the applicability of Pay-As-You-Throw in waste management in the Municipality of Panorama, Proceedings of the Istanbul 2003-Euro/Informs Joint International Meeting Istanbul (Euro, Informs, Tors and Bogazici University, eds), Istanbul, Turkey, 6-10 July, 137, CD-ROM edition.

Papadopoulos A.M. and Karagiannidis A. (2003), Application of the multicriteria analysis method Electre III for the optimization of decentralized energy systems, Proceedings of the Istanbul 2003-Euro/Informs Joint International Meeting Istanbul (Euro, Informs, Tors and Bogazici University, eds), Istanbul, Turkey, 6-10 July, CD-ROM edition.

Karagiannidis A., Papadopoulos A.M., Georgiou A.C. and Tsiotras G. (2003), Optimizing the collection and transport of urban solid wastes in a metropolitan municipality in Greece, Proceedings of the Istanbul 2003-Euro/Informs Joint International Meeting Istanbul (Euro, Informs, Tors and Bogazici University, eds), Istanbul, Turkey, 6-10 July, CD-ROM edition.

Moussiopoulos N., Kalognomou E.A., Arvanitis A. and Turlou P.M. (2003), Development of a model system for the prediction and management of air quality in Thessaloniki-application for alternative transportation scenarios, Proceedings of the 12th International Scientific Symposium on Transport and Air Pollution, 16-18 June.

Papadopoulos A.M. (2003), The energetic policy of Greece in the beginning of 21st century, Proceedings of the Natural resources and the Environment, Chania, Greece, 5-6 June.

Karatzas K., Bassoukos A., Kaprara A., Massouras A., Slini Th., Papaioannou J. and Moussiopoulos N. (2003), Environmental informatics and urban air quality management and information systems, Proceedings of the 5th International Symposium on Environmental Software Systems (ISESS 03) (G. Schimak et al., eds), Semmering, Austria, 27-30 May, Vol. 5, 134-146.

Arvanitis A. and Moussiopoulos N. (2003), Coupling an aerosol module to a deterministic long term ozone exposure model, Proceedings of the 26th NATO/CCMS International Technical Meeting on Air Pollution Modelling and its Application (C. Borrego and S. Incecik, eds), Istanbul, Turkey, 26-30 May, 339-352.

Koroneos C.J., Dompros A., Roumbas G. and Moussiopoulos N. (2003), Multi criteria analysis software for renewable energy driven desalination systems, Proceedings of the International Conference RES for Island – Tourism and Water, Crete, Greece, 26-28 May.

Koroneos C.J., Tolios A. and Moussiopoulos N. (2003), Exergetic life cycle analysis of sugar, Proceedings of the 13th Annual Meeting of SETAC Europe, Hamburg, Germany, 27 April-1 May, 209-210.

Koroneos C.J., Theodosiou G. and Moussiopoulos N. (2003), Alternative energy scenarios for an apartment building – life cycle assessment and exergy analysis, Proceedings of the 13th Annual Meeting of SETAC Europe, Hamburg, Germany, 27 April-1 May, 209.

Papadopoulos A.M. and Kalognomou E.A. (2003), Heat island effect in urban areas and its impact on the energy behaviour of buildings, Proceedings of the EGS Conference, Nice, France, 7-8 April, CD-ROM edition.

Moussiopoulos N. (2003), The contribution of SATURN to a better understanding of urban air pollution, Proceedings of the 4th International Conference on Urban Air Quality: Measurement, Modelling and Management (R.S. Sokhi and J. Brechler., eds), Prague, Czech Republic, 25-27 March, 2-5.

Arvanitis A., Moussiopoulos N. and Karavakas Ch. (2003), Estimating long term urban exposure to particulate matter and ozone in Europe, Proceedings of the 4th International Conference on Urban Air Quality: Measurement, Modelling and Management (R.S. Sokhi and J. Brechler., eds), Prague, Czech Republic, 25-27 March, 18-21.

Papadopoulos A.M. and Moussiopoulos N. (2003), ATREUS: a holistic approach of the urban environment and its impact on the buildings' energy behaviour, Proceedings of the 4th International Conference on Urban Air Quality: Measurement, Modelling and Management (R.S. Sokhi and J. Brechler., eds), Prague, Czech Republic, 25-27 March, 266-269.

Moussiopoulos N., Karagiannidis A., Theodoseli M., Perkoulidis G., Chrysoschoou M. and Salonikidou A. (2003), On the effects on urban air quality from open burning of residual solid wastes in uncontrolled landfills, Proceedings of the 4th International Conference on Urban Air Quality: Measurement, Modelling and Management (R.S. Sokhi and J. Brechler., eds), Prague, Czech Republic, 25-27 March, 178-181.

Slini Th., Kaprara A., Karatzas K. and Moussiopoulos N. (2003), PM10 forecasting for Thessaloniki, Greece, Proceedings of the 4th International Conference on Urban Air Quality: Measurement, Modelling and Management (R.S. Sokhi and J. Brechler., eds), Prague, Czech Republic, 25-27 March, 342-345.

Karatzas K., Arvanitis A., Fleck C., Douros I. and Moussiopoulos N. (2003), Atmospheric flow and air quality modelling experiments for the Siberian city of Tomsk, Proceedings of the 4th International Conference on Urban Air Quality: Measurement, Modelling and Management (R.S. Sokhi and J. Brechler., eds), Prague, Czech Republic, 25-27 March, 66-69.

Nitis Th., Prtenjak M.T., Klaic Z.B., Sahm P. and Moussiopoulos N. (2003), Anatomy of the sea breeze in a complex coastal environment, Proceedings of the 4th International Conference on Urban Air Quality: Measurement, Modelling and Management (R.S. Sokhi and J. Brechler., eds), Prague, Czech Republic, 25-27 March, 400-403.

Papadopoulos A.M., Avgelis A., Karamanos A. and Oxizidis S. (2003), Renewable energy solutions for small insular systems, Proceedings of the 4th International Exhibition and Conference on Environmental Technology (HELECO 03) (Technical Chamber of Greece, ed), Athens, Greece, 30 January-2 February, Vol. 3, 180-187.

Papadopoulos A.M., Karamanos A., Avgelis A. and Oxizidis S. (2003), A study on the energy behaviour of the hotel sector: application in the region of Pieria, Proceedings of the 4th International Exhibition and Conference on Environmental Technology (HELECO 03) (Technical Chamber of Greece, ed), Athens, Greece, 30 January-2 February, Vol. 3, 89-96.

Koroneos C.J. and Moussiopoulos N. (2003), Adoption of life cycle analysis in SMES, Proceedings of the 4th International Exhibition and Conference on Environmental Technology (HELECO 03) (Technical Chamber of Greece, ed), Athens, Greece, 30 January-2 February, Vol. 2, 419-425.

Karatzas K., Masouras A., Kaprara A., Slini Th., Bassoukos A. and Moussiopoulos N. (2003), APNEE: an environmental information services system, Proceedings of the 4th International Exhibition and Conference on Environmental Technology (HELECO 03) (Technical Chamber of Greece, ed), Athens, Greece, 30 January-2 February, Vol. 2, 390-395.

Dourala N., Giama E., Boura A. and Moussiopoulos N. (2003), The implementation of environmental management systems in Greece, Proceedings of the 4th International Exhibition and Conference on Environmental Technology (HELECO 03) (Technical Chamber of Greece, ed), Athens, Greece, 30 January-2 February, Vol. 2, 376-382.

Karagiannidis A., Papadopoulos A.M., Perkoulidis G., Tsatsarelis Th. and Moussiopoulos N. (2003), Developing a virtual network for life cycle analysis of post-consumer electronics, Proceedings of the 4th International Exhibition and Conference on Environmental Technology (HELECO 03) (Technical Chamber of Greece, ed), Athens, Greece, 30 January-2 February, Vol. 2, 284-291.

Karagiannidis A., Moussiopoulos N. and Xirogiannopoulou A. (2003), Preliminary results from an applicability study of variable rate pricing in solid waste management in Greece, Proceedings of the 4th International Exhibition and Conference on Environmental Technology (HELECO 03) (Technical Chamber of Greece, ed), Athens, Greece, 30 January-2 February, Vol. 2, 43-52.

Moussiopoulos N., Kalognomou E.A., Balla Ch., Theodoridou I., Borrego C. and Costa A.M. (2003), The application of air quality models as part of a study for optimised urban transport in Thessaloniki, Proceedings of the 4th International Exhibition and Conference on Environmental Technology (HELECO 03) (Technical Chamber of Greece, ed), Athens, Greece, 30 January-2 February, Vol. 1, 78-85.

Louka P. and Moussiopoulos N. (2003), Optimisation of CFD modelling methods for traffic pollution in streets within TRAPOS research network, Proceedings of the 4th International Exhibition and Conference on Environmental Technology (HELECO 03) (Technical Chamber of Greece, ed), Athens, Greece, 30 January-2 February, Vol. 1, 69-77.

Papakostas K.T. and Papadopoulos A.M. (2002), Energy required for the heating, cooling, humidification and dehumidification of the outdoor ventilation air. The case of Athens and Thessaloniki, Greece, Proceedings of the 33rd Congress on Heating, Refrigeration and Air Conditioning, Belgrade, Yugoslavia, 4-6 December, 135-144.

Papadopoulos A.M. and Papakostas K.T. (2002), Strategies for a more efficient integration of renewable energy systems in urban buildings, Proceedings of the 33rd Congress on Heating, Refrigeration and Air Conditioning, Belgrade, Yugoslavia, 4-6 December, 207-214.

Karagiannidis A., Papadopoulos A.M., Tsatsarelis Th. and Perkoulidis G. (2002), HELCARE: a hellenic forum for the management of wastes from electronic equipment in Greece, Proceedings of the Conference Care Innovation 4th International Symposium, Brokerage Event and Environmental Exhibition (B. Kopacek and the International (S)CARE Electronics Office, eds), Vienna, Austria, 25-28 November, CD-ROM edition.

Karagiannidis A., Papadopoulos A.M., Tsatsarelis Th., Perkoulidis G. and Moussiopoulos N. (2002), WEEE management in Greece: status quo, challenges and initiatives, Proceedings of the Conference Care Innovation 4th International Symposium, Brokerage Event and Environmental Exhibition (B. Kopacek and the International (S)CARE Electronics Office, eds), Vienna, Austria, 25-28 November, CD-ROM edition.

Koroneos C.J., Neroutsos K., Savopoulos D. and Moussiopoulos N. (2002), Renewable energy sources in the island of Patmos and the use of solar systems, Proceedings of the 7th National Conference on Renewable Energy Sources (G. Tsiligiridis and I. Kaouris, eds), Patra, Greece, 6-8 November, Vol. 1, 135-142 (in Greek).

Papadopoulos A.M., Avgelis A. and Karamanos A. (2002), Energy planning on a regional level: a case study for the region of Central Macedonia, Proceedings of the 7th National Conference on Renewable Energy Sources (G. Tsiligiridis and I. Kaouris, eds), Patra, Greece, 6-8 November, Vol. 1, 81-88 (in Greek).

Papadopoulos A.M., Karamanos A. and Oxizidis S. (2002), Dimensioning of res systems in autonomous insular areas: a case study for the Karpathos-Kassos system, Proceedings of the 7th National Conference on Renewable Energy Sources (G. Tsiligiridis and I. Kaouris, eds), Patra, Greece, 6-8 November, Vol. 2, 289-296 (in Greek).

Karagiannidis A., Perkoulidis G., Moussiopoulos N. and Tantsis G. (2002), Innovative temporary storage of solid wastes by a system of collection and compaction chambers, Proceedings of the 7th National Conference on Renewable Energy Sources (G. Tsiligiridis and I. Kaouris, eds), Patra, Greece, 6-8 November, Vol. 2, 219-226 (in Greek).

Papadopoulos A.M., Oxizidis S. and Avgelis A. (2002), Integration of renewable energy systems in urban buildings: from energy conservation to feasible energy supply, Proceedings of the 3rd European Conference on Energy Performance & Indoor Climate in Buildings, Lyon, France, 23-26 October, 443-448.

Peinel G., Bohler T., Fedra K., Friedrich R., Karatzas K., Karppinen A., Kraggerud P.H., Kukkonen J., Moussiopoulos N., Larssen S., de Leeuw F., Lohmeyer A., Pulles T., Reis S., Rose Th. and van der Hout D. (2002), A broker platform and business model for Env-e-City (EN\_vironmentally V\_iable \_e\_lectronic \_CITY), Proceedings of the e-2002 e-business and e-work conference, Prague, Czech Republic, 16-18 October.

Moussiopoulos N. (2002), The contribution of SATURN to a better understanding of urban air pollution, Proceedings of the 8th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (E. Batchvarova and D. Syrakov, eds), Sofia, Bulgaria, 14-17 October, 301-305.

Kukkonen J., Karppinen A., Nikmo J., Moussiopoulos N., Louka P., Larssen S., Bohler T. and Lohmeyer A. (2002), Survey of meteorological data for environmental impact assessments in the ENV-e-CITY project, Proceedings of the 8th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (E. Batchvarova and D. Syrakov, eds), Sofia, Bulgaria, 14-17 October, 278-281.

Moussiopoulos N., Douros I., Louka P., Simonidis C. and Arvanitis A. (2002), Evaluation of memo using the escompte pre-campaign dataset, Proceedings of the 8th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (E. Batchvarova and D. Syrakov, eds), Sofia, Bulgaria, 14-17 October, 87-91.

Moussiopoulos N., Karatzas K. and Kalognomou E.A. (2002), An environmentally viable electronic city application, ENV-e-CITY towards harmonization in the use of environmental information, Proceedings of the 8th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (E. Batchvarova and D. Syrakov, eds), Sofia, Bulgaria, 14-17 October, 274-277.

Slini Th., Karatzas K. and Moussiopoulos N. (2002), Correlation of air pollution and meteorological data using neural networks, Proceedings of the 8th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (E. Batchvarova and D. Syrakov, eds), Sofia, Bulgaria, 14-17 October, 368-372.

Koroneos C.J., Dompros A., Roumbas G. and Moussiopoulos N. (2002), Hydrogen production via biomass gasification – a life cycle analysis approach, pyrolysis and gasification of biomass and waste, Proceedings of an expert meeting, Strasbourg, France, 30 September-1 October, 559-570.

Moussiopoulos N., Bohler T., Fedra K., Friedrich R., Karatzas K., Karppinen A., Kraggerud Per H., Kukkonen J., Larssen S., de Leeuw F., Lohmeyer A., Peinel G., Pulles T., Reis S., Rose T. and van den Hout D. (2002), ENV-e-CITY: environmentally viable electronic city, Proceedings of the 16th International Conference: Informatics for Environmental Protection: Environmental Communication in the Information Societ (W.Pillmann and K. Tochtermann, eds), Vienna, Austria, 25-27 September, 352-359.



Moussiopoulos N. (2002), Recent achievements in urban air pollution research, Proceedings of the 8th FECS Conference on Chemistry and the Environment Chemistry for a Sustaining World, in Environmental Science and Pollution Research International (O. Hutzinger, ed), Athens, Greece, 31 August-4 September, Ecomed publishers, Landsberg, 38-39.

Papadopoulos A.M., Avgelis A. and Oxizidis S. (2002), Reducing the cooling loads whilst renovating a medieval mediterranean tower into a museum, Proceedings of the Conference PLEA 2002 Design with the environment, Toulouse, France, 22-24 July, 945-950.

Papadopoulos A.M., Karamanos A., Avgelis A. (2002), Environmental impact of insulating materials at the end of their useful lifetime, Proceedings of the 6th International Conference on Protection and Restoration of the Environment (A.G. Kungolos et al., eds), Skiathos, Greece, 1-5 July, Vol. 3, 1625-1632.

Karagiannidis A., Xirogiannopoulou A., Perkoulidis G., Salonikidou A. and Moussiopoulos N. (2002), Assessment of the collection of urban solid wastes, Proceedings of the 6th International Conference on Protection and Restoration of the Environment (A.G. Kungolos et al., eds), Skiathos, Greece, 1-5 July, Vol. 2, 945-952.

Ossanlis I., Karatzas K., Kaprara A., Louka P. and Moussiopoulos N. (2002), Flow field and fire simulations in tunnels, Proceedings of the 6th International Conference on Protection and Restoration of the Environment (A.G. Kungolos et al., eds), Skiathos, Greece, 1-5 July, Vol. 2, 1089-1096.

Yannopoulos S., Karatzas K. and Moussiopoulos N. (2002), Air-quality related environmental impact assessment for the new landfill site of Thessaloniki, Proceedings of the 6th International Conference on Protection and Restoration of the Environment (A.G. Kungolos et al., eds), Skiathos, Greece, 1-5 July, Vol. 3, 1585-1590.

Moussiopoulos N., Flocas H.A., Sahn P., Naneris Ch., Assimakopoulos V.D., Helmis C.G. and Louka P. (2002), A modelling method for estimating transboundary air pollution in south-eastern Europe, Proceedings of the 11th International Symposium Transport and Air Pollution (P. Sturm and S. Minarik, eds), Graz, Austria, 19-21 June, Vol. 1, 117-124.

Moussiopoulos N. (2002), Some remarks on the environmental dimension of the European sustainable development strategy, Proceedings of the International Congress Energy 2002 (G. Keramaris and T. Iordanis, eds), Athens, Greece, 12-15 June, 54-55.

Papadopoulos A.M., Georgiadis P.E. and Vlachokostas Ch. (2002), The greek public power corporation's capacity development: a system dynamics approach, Proceedings of the 6th Balkan Conference on Operational Research, Thessaloniki, Greece, 22-25 May, 206-207.

Papadopoulos A.M., Avgelis A., Karamanos A. and Oxizidis S. (2002), Dimensioning autonomous renewable energy systems with the multicriteria analysis method electre III, Proceedings of the 6th Balkan Conference on Operational Research, Thessaloniki, Greece, 22-25 May, 44-45.

Karagiannidis A. and Perkoulidis G. (2002), Multicriterial evaluation of best alternative scenarios resulted from regional solid waste management, Proceedings of the 6th Balkan Conference on Operational Research, Thessaloniki, Greece, 22-25 May, 42.

Koroneos C.J., Boura A., Roumbas G. and Moussiopoulos N. (2002), Life cycle analysis of brick production, Proceedings of the 12th Annual Meeting of the Society of Environmental Toxicology and Chemistry – SETAC Europe “Challenges in Environmental Risk Assessment and Modelling”, Vienna, Austria, 12-16 May.

Koroneos C.J., Roumbas G. and Moussiopoulos N. (2002), Life cycle analysis of the Dodecanese power generation system, Proceedings of the 12th Annual Meeting of the Society of Environmental Toxicology and Chemistry – SETAC Europe “Challenges in Environmental Risk Assessment and Modelling”, Vienna, Austria, 12-16 May.

Koroneos C.J., Dompros A. and Moussiopoulos N. (2002), Life cycle analysis of kerosene, Proceedings of the 12th Annual Meeting of the Society of Environmental Toxicology and Chemistry – SETAC Europe “Challenges in Environmental Risk Assessment and Modelling”, Vienna, Austria, 12-16 May.

Moussiopoulos N. (2002), Environmental evaluation of hydrogen as an aviation fuel - the Cryoplane project, Proceedings of the Preconference Euboean of the World Conference on Energy 2002 (G. Keramaris and T. Iordanis, eds), Eubia, Greece, 18-20 April, 47-53.

Rose Th., Peinel G., Sedlmayr M. and Karatzas K. (2002), Citizen-centred dissemination of air quality information on multi-modal information channels: the APNEE project, Proceedings of a SATURN-EURASAP Workshop (N. Moussiopoulos and K. Karatzas, eds), Rhodes, Greece, 4 April.

Karatzas K., Bassoukos A., Kaprara A., Masouras A., Slini Th. and Moussiopoulos N. (2002), Integrated urban air quality management and information systems, Proceedings of a SATURN-EURASAP Workshop (N. Moussiopoulos and K. Karatzas, eds), Rhodes, Greece, 4 April, 93-101.

Moussiopoulos N., Turlou P.M. and Vlachokostas Ch. (2002), Integrated assessment of air pollution abatement strategies in urban areas: application of OPUS-AIR to the greater Athens area, Proceedings of a SATURN-EURASAP Workshop (N. Moussiopoulos and K. Karatzas, eds), Rhodes, Greece, 4 April, 21-33.

Karatzas K. and Moussiopoulos N. (2002), Integrated urban air quality management and information systems, Proceedings of the Conference EURO-SUSTAIN: Implementing the Integrated Product Policy (N. Moussiopoulos, et al., eds), Rhodes, Greece, 2-5 April, 77, CD-ROM edition.

Moussiopoulos N., Turlou P.M., Kalognomou E.A. and Vlachokostas Ch. (2002), Air pollution abatement and externalities: opus-air as an integrated tool for assessing urban air pollution control strategies, Proceedings of the Conference EURO-SUSTAIN: Implementing the Integrated Product Policy (N. Moussiopoulos, et al., eds), Rhodes, Greece, 2-5 April, 75, CD-ROM edition.

Karatzas K. (2002), Sustainable human-centric services towards sustainable cities, Proceedings of the Conference EURO-SUSTAIN: Implementing the Integrated Product Policy (N. Moussiopoulos, et al., eds), Rhodes, Greece, 2-5 April, 38, CD-ROM edition.

Koroneos C.J. and Moussiopoulos N. (2002), The use of hydrogen as an alternative fuel – CRYOPLANE, Proceedings of the Conference EURO-SUSTAIN: Implementing the Integrated Product Policy (N. Moussiopoulos, et al., eds), Rhodes, Greece, 2-5 April, 35, CD-ROM edition.

Moussiopoulos N. (2002), Towards an environmental viable electronic city, Proceedings of the Conference EURO-SUSTAIN: Implementing the Integrated Product Policy (N. Moussiopoulos, et al., eds), Rhodes, Greece, 2-5 April, 33, CD-ROM edition.

Moussiopoulos N., Koroneos C.J. and Dourala N. (2002), Integrated product policy: design and implementation, Proceedings of the Preconference Kozani of the World Conference on Energy 2002 (G. Keramaris and T. Iordanis, eds), Kozani, Greece, 21-23 March, 112-115.

Moussiopoulos N. (2002), Refined multiscale modelling tools, Proceedings of the EUROTRAC-2 Symposium (P.M. Midgley and M. Reuther, eds), Garmisch-Partenkirchen, Germany, 11-15 March, 189-195, CD-ROM edition.

Moussiopoulos N., Karatzas K. and Kalognomou E.A. (2002), Towards an environmentally viable electronic city, ENV-e-CITY, Proceedings of the EUROTRAC-2 Symposium (P.M. Midgley and M. Reuther, eds), Garmisch-Partenkirchen, Germany, 11-15 March, 283, CD-ROM edition.

Moussiopoulos N. and Louka P. (2002), Advanced local scale models for simulating air flow and pollutant dispersion in street canyons, Proceedings of the EUROTRAC-2 Symposium (P.M. Midgley and M. Reuther, eds), Garmisch-Partenkirchen, Germany, 11-15 March, 175-181, CD-ROM edition.

Karatzas K., Bassoukos A., Kaprara A., Massouras A., Slini Th., Kalognomou E.A. and Moussiopoulos N. (2002), Integrated urban environmental management and information systems, IUEMIS, Proceedings of the EUROTRAC-2 Symposium (P.M. Midgley and M. Reuther, eds), Garmisch-Partenkirchen, Germany, 11-15 March, 282, CD-ROM edition.

Moussiopoulos N., Arvanitis A., Iordanidou A. and Georgiadou E. (2002), Applications and further development of the OFIS model, Proceedings of the EUROTRAC-2 Symposium (P.M. Midgley and M. Reuther, eds), Garmisch-Partenkirchen, Germany, 11-15 March, 282, CD-ROM edition.

Assimakopoulos V., Louka P., Moussiopoulos N., ApSimon H.M. and Sahn P. (2002), Evaluation of the microscale model MIMO with wind-tunnel measurements, Proceedings of the EUROTRAC-2 Symposium (P.M. Midgley and M. Reuther, eds), Garmisch-Partenkirchen, Germany, 11-15 March, 281, CD-ROM edition.

Louka P., Douros I., Simonidis C., Arvanitis A. and Moussiopoulos N. (2002), Application of MEMO to ESCOMPTE pre-campaign, Proceedings of the EUROTRAC-2 Symposium (P.M. Midgley and M. Reuther, eds), Garmisch-Partenkirchen, Germany, 11-15 March, 282, CD-ROM edition.

Moussiopoulos N., Louka P., Almbauer R., Colbeck I., Finzi G., Finardi S. and Peuch V-H. (2002), Formation of ozone in south European cities, FOSEC, Proceedings of the EUROTRAC-2 Symposium (P.M. Midgley and M. Reuther, eds), Garmisch-Partenkirchen, Germany, 11-15 March, 282, CD-ROM edition.

Assimakopoulos V., ApSimon H.M. and Moussiopoulos N. (2002), Effects of street geometry on circulation patterns and pollutant dispersion, Proceedings of the EUROTRAC-2 Symposium (P.M. Midgley and M. Reuther, eds), Garmisch-Partenkirchen, Germany, 11-15 March, 281, CD-ROM edition.

Assimakopoulos V., ApSimon H.M., Moussiopoulos N. and Sahn P. (2002), A preliminary Eulerian modelling study of dispersion of NO<sub>x</sub> emissions over London, Proceedings of the EUROTRAC-2 Symposium (P.M. Midgley and M. Reuther, eds), Garmisch-Partenkirchen, Germany, 11-15 March, 281, CD-ROM edition.

Karagiannidis A., Perkoulidis G. and Moussiopoulos N. (2002), Compilation and multicriterial ranking of optimal decentralized scenarios for locating solid waste management facilities at the region of Peloponnesse in southern Greece, Proceedings of International Conference on Environment, Locational Decisions and Regional Planning (S. Singh et al., eds), Department of Geography, North-Eastern Hill University, Shillong, India, 5-9 March, 9-26.

Moussiopoulos N., Samaras Z., Kouimtzis Th., Karagiannidis A., Voutsas D., Perkoulidis G., Koufodimos G. and Kouras Th. (2002), Sampling, field work and laboratory analyses in the frame of integrated investigation of municipal solid waste management in Thessaloniki, Greece, Proceedings of the 1st Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 1-4 March, 206-212.

Moussiopoulos N., Turlou P.M., Arvanitis A. and Papagiannakis A. (2002), Development of a model system for the prediction and management of air quality in Thessaloniki. Application for alternative transportation scenarios, Proceedings of the 1st Environmental Conference of Macedonia (K. Nikolaou, ed), Thessaloniki, Greece, 1-4 March, 46-51.

Karagiannidis A., Xirogiannopoulou A. and Moussiopoulos N. (2002), "Pay-as-you-throw" an innovative solid waste-charging system for variable pricing of waste collection, Proceedings of the 1st International Conference on Hellenic Solid Waste Management Association (Ad. Skordilis et al., eds) Athens, Greece, 28 February-1 March, <http://eedsa.duth.gr>. (in Greek).

Karagiannidis A., Moussiopoulos N., Panagiotakopoulos Chr. and Perkoulidis G. (2002), Locating facilities for treatment and disposal of solid wastes: a review of current literature, Proceedings of the 1st International Conference on Hellenic Solid Waste Management Association (Ad. Skordilis et al., eds) Athens, Greece, 28 February-1 March, <http://eedsa.duth.gr>. (in Greek).

Moussiopoulos N., Karagiannidis A., Perkoulidis G. and Behl M. (2002), Mining of disposed solid wastes from semi-and un-controlled landfills: experience, practice and perspectives, Proceedings of the 1st International Conference of Hellenic Solid Waste Management Association (Ad. Skordilis et al., eds) Athens, Greece, 28 February-1 March, <http://eedsa.duth.gr>. (in Greek).

Papadopoulos A.M. and Kalognomou E.A. (2001), Heat island effect in urban areas: airborne measurements to determine the radiation intensity, Proceedings of the 5th World Conference on Experimental Heat Transfer, Fluid Mechanics and Thermodynamics-ExHFT-5, Thessaloniki, Greece, 24-28 September, 1743-1748.

Louka P., Ketznel M., Sahm P., Guilloteau E., Moussiopoulos N., Sini J.F., Mestayer P.G. and Berkowicz R. (2001), CFD intercomparison exercise within TRAPOS European research network, Proceedings of the 7th Conference on Environmental Science and Technology (Th. Lekkas, ed), Syros, Greece, 3-6 September, Vol. 3, 267-275.

Tourlou P.M. and Moussiopoulos N. (2001), An integrated system for the assessment of air pollution control strategies in urban areas: application to Athens, Proceedings of the 7th Conference on Environmental Science and Technology (Th. Lekkas, ed), Syros, Greece, 3-6 September, Vol. 3, 519-527.

Koroneos C.J. and Moussiopoulos N. (2001), Cryoplane-hydrogen vs. kerosene as aircraft fuel, Proceedings of the 7th Conference on Environmental Science and Technology (Th. Lekkas, ed), Syros, Greece, 3-6 September, Vol. 1, 484-493.

Assimakopoulos V., Apsimon H. and Moussiopoulos N. (2001), Numerical modelling of dispersion of atmospheric pollution in and above urban canopies, Proceedings of the 7th Conference on Environmental Science and Technology (Th. Lekkas, ed), Syros, Greece, 3-6 September, Vol. 1, 69-75.

Salonikidou A., Karagiannidis A., Perkoulidis G. and Moussiopoulos N. (2001), A high-spatial-resolution estimation of produced quantities of urban solid wastes, Proceedings of the 7th Conference on Environmental Science and Technology (Th. Lekkas, ed), Syros, Greece, 3-6 September, Vol. 2, 768-774.

Moussiopoulos N., Nitis Th., Tourlou P.M., Sahm P. and Yamamoto Y. (2001), Ultra low emitting vehicles and air quality in urban areas, Proceedings of the 7th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (H.R. Olesen and M. Wichmann, eds), Belgirate, Italy, 28-31 May, 324-328, CD-ROM edition.

Assimakopoulos V., Moussiopoulos N. and ApSimon H. (2001), Three-dimensional numerical modelling of air flow in a finite array of square buildings, Proceedings of the 7th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (H.R. Olesen and M. Wichmann, eds), Belgirate, Italy, 28-31 May, 329-333, CD-ROM edition.

Louka P., Ketznel M., Sahm P., Guilloteau E., Moussiopoulos N. and Sini J.F. (2001), CFD Intercomparison on a full-scale street-canyon, Proceedings of the 7th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (H.R. Olesen and M. Wichmann, eds), Belgirate, Italy, 28-31 May, 299-303, CD-ROM edition.

Kaprara A., Karatzas K. and Moussiopoulos N. (2001), Maximum ozone level prediction in Athens with the aid of the CART system, Proceedings of the 7th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (H.R. Olesen and M. Wichmann, eds), Belgirate, Italy, 28-31 May, 193-196, CD-ROM edition.

Moussiopoulos N., Turlou P.M. and Sahn P. (2001), Integrated assessment of air pollution abatement strategies in urban areas, Proceedings of the 11th Euro-Arab Conference for the Environment (P. Spillmann, et al., eds), Rostock, Germany, 24-26 April, 239-245.

Moussiopoulos N., Koroneos C.J. and Karagiannidis A. (2001), Tools for management and minimisation of solid wastes, Proceedings of the 11th Euro-Arab Conference for the Environment (P. Spillmann, et al., eds), Rostock, Germany, 24-26. April, 81-87

Klaic Z.B., Sahn P. and Moussiopoulos N. (2001), Sensitivity of boundary layer ozone in greater Zagreb area of hypothetical urbanisation, initial and boundary conditions and emissions, Proceedings of the 2nd Conference on Air Pollution Modelling and Simulation, APMS' 01 (B. Sportisse, ed), Champs-Sur-Marne, France, 9-12 April, Springer-Verlag, Berlin Heidelberg.

Arvanitis A., Moussiopoulos N. and Kephelopoulos S. (2001), Development and testing of an aerosol module for regional/urban scales, Proceedings of the 2nd Conference on Air Pollution Modelling and Simulation, APMS' 01 (B. Sportisse, ed), Champs-Sur-Marne, France, 9-12 April, Springer-Verlag, Berlin Heidelberg, 277-288.

Böhler T., Karatzas K., San Jose R., Rose T., Peinel G., Canet J.M., Lindberg J.E., Martinez J., Castromil S., Geneve C., Ferreras A., Asheim R. and Moussiopoulos N. (2001), Air pollution network for early warning and on-line information exchange in Europe, Proceedings of the 3rd International Conference on Urban Air Quality (R.S. Sokhi and J.G. Bartzis, eds), Loutraki, Greece, 19-23 March, CD-ROM edition.

Karatzas K., Kaprara A., Moussiopoulos N. and Viras L. (2001), Statistical analysis of a 10-year long record of air quality observations in Athens, for weekend periods, Proceedings of the 3rd International Conference on Urban Air Quality (R.S. Sokhi and J.G. Bartzis, eds), Loutraki, Greece, 19-23 March, CD-ROM edition.

Turlou P.M., Sahn P. and Moussiopoulos N. (2001), Integrated assessment of air pollution abatement strategies in urban areas: application to the greater Athens area, Proceedings of the 3rd International Conference on Urban Air Quality (R.S. Sokhi and J.G. Bartzis, eds), Loutraki, Greece, 19-23 March, CD-ROM edition.

Sahm P., Klaic Z.B. and Moussiopoulos N. (2001), Impact of thermophysical data and roughness length on the local scale flow, temperatures and heat fluxes in south-eastern European urban areas, Proceedings of the 3rd International Conference on Urban Air Quality (R.S. Sokhi and J.G. Bartzis, eds), Loutraki, Greece, 19-23 March, CD-ROM edition.

Sahm P., Cremades L., Toro M.V., Klaic Z.B. and Moussiopoulos N. (2001), Numerical investigation of meteorological conditions leading to elevated ozone concentrations in Medellin, Collombia, Proceedings of the 3rd International Conference on Urban Air Quality (R.S. Sokhi and J.G. Bartzis, eds), Loutraki, Greece, 19-23 March, CD-ROM edition.

Ketzel M., Louka P., Sahm P., Guilloteau E., Sini J.F. and Moussiopoulos N. (2001), Intercomparison of numerical urban dispersion models – Part II: street canyon in Hannover, Germany, Proceedings of the 3rd International Conference on Urban Air Quality (R.S. Sokhi and J.G. Bartzis, eds), Loutraki, Greece, 19-23 March, CD-ROM edition.

Sahm P., Louka P., Ketzel M., Guilloteau E. and Sini J.F. (2001), Intercomparison of numerical urban dispersion models – Part I: street canyon and single building configurations, Proceedings of the 3rd International Conference on Urban Air Quality (R.S. Sokhi and J.G. Bartzis, eds), Loutraki, Greece, 19-23 March, CD-ROM edition, 587-601.

Koroneos C.J., Spachos Th. and Moussiopoulos N. (2001), Environmental approach of renewable energy sources through LCA, Proceedings of the 2nd National Conference on Application of Rebewable Energy Sources (A. Zerbos and Kl. Tabaki, eds), Athens, Greece, 19-21 March, 290-298, CD-ROM edition (in Greek).

Koroneos C.J., Spachos Th. and Moussiopoulos N. (2000), Exergetic analysis of renewable energy sources, Proceedings of the Conference on Technologies of renewable energy and environment (I.K. Kaldelis, ed), TEI-Pireus/RENES, Athens, Greece, 11-12 December, 588.

Papadopoulos A.M. (2000), Feasibility of energy saving measures in public and mixed-use buildings: the impact of fluctuating energy prices, Proceedings of the 31st Heating, refrigeration & air-conditioning Conference (B. Todorovic, ed), Beograd, 4-6 December, 233-241.

Papadopoulos A.M. and Kaltschmitt M. (2000), Sustainable energy project for the economic development of remote and isolated island communities, Proceedings of the ALTENER 2000 (J.-L. Bal et al., eds), Toulouse, France, 23-25 October, 293-296.



Koroneos C.J., Dourala N. and Moussiopoulos N. (2000), The impact of technology in preserving national heritage in a globalised world, The National Cultural Heritage, The Strategy of Preservation-an Entegration Strategy into the European Values, Bucharest, Romania, 22-23 September.

Karatzas K., Moussiopoulos N., Fedra K., Lohmeyer A. and Kouroumlis Ch. (2000), AIR-EIA: a multimedia application for environmental impact assessment studies, Proceedings of the 12th Regional Central European Conference IUAPPA and 4th International Conference on Environmental Impact Assessment PRAGUE 2000 (L. Aubrecht et al., eds), Prague, Czech Republic, 11-15 September, 413-417.

Karatzas K. and N. Moussiopoulos (2000), The use of web-based tools for urban environmental management, Proceedings of the 12th Regional Central European Conference IUAPPA and 4th International Conference on Environmental Impact Assessment PRAGUE 2000 (L. Aubrecht et al., eds), Prague, Czech Republic, 11-15 September, 340-344.

Papadopoulos A.M. (2000), Livialisation of the energy market and development of networks in south – eastern Europe, Proceedings of the Annual European Energy Conference 2000, Towards an integrated European energy market, Bergen, Norway, 31 August-1 September.

Assimakopoulos V., ApSimon H., Sahm P. and Moussiopoulos N. (2000), Effects of street canyon geometry on the dispersion characteristics in urban areas, Proceedings of the 16th IMACS World Congress on Scientific Computation, Applied Mathematics and Simulation (M. Deville and R. Owens, eds), Lausanne, Switzerland, 21-25 August, 163, CD-ROM edition.

Moussiopoulos N., Sahm P. and Turlou P.M. (2000), An efficient tool for assessing urban ozone exposure, Proceedings of the 16th IMACS World Congress on Scientific Computation, Applied Mathematics and Simulation (M. Deville and R. Owens, eds), Lausanne, Switzerland, 21-25 August, 161, CD-ROM edition.

Perkoulidis G., Karagiannidis A. and Moussiopoulos N. (2000), Investigation of inter-prefectural collaboration schemes for municipal solid waste management, Proceedings of the 5th International Conference on Protection and Restoration of the Environment (V.A. Tsihrintzis et al., eds), Thassos, Greece, 3-6 July, Vol. 2, 827-834.

Moussiopoulos N., Turlou P.M., Nitis Th., Sahm P. and Papalexiou S. (2000), Assessing ozone exposure for alternative emission scenarios: multi-month applications of the EZM to Athens, Proceedings of the 5th International Conference on the Protection and Restoration of the Environment (V.A. Tsihrintzis et al., eds), Thassos, Greece, 3-6 July, Vol. 2, 905-912.

Boura A., Koroneos C.J., Balla Ch. and Moussiopoulos N. (2000), Present situation and trends of the implementation of ISO 14001 and EMAS, Proceedings of the 5th International Conference on the Protection and Restoration of the Environment (V.A. Tsihrintzis et al., eds), Thassos, Greece, 3-6 July, Vol. 2, 1118-1125.

Koroneos C.J., Roumbas G. and Moussiopoulos N. (2000), Geothermal waters heat integration for the desalination of seawater, Proceedings of the Mediterranean Conference on Policies and Strategies for Desalination and Renewable Energies, Santorini, Greece, 21-23 June.

Moussiopoulos N. (2000), The present practice in Greece regarding meteorological input data for air pollution studies, Proceedings of the Workshop COST Action 715-Preparation of meteorological input data for urban site studies (M. Schatzmann et al., eds), Prague, Czech Republic, 15 June, 53.

Koroneos C.J., Boura A., Moussiopoulos N., Zambaniotou A. and Filippopoulos N. (2000), Technical, environmental, economical and energy analysis of alternative methods for the exploitation of agricultural wastes in Greece and new perspectives, biomass for energy and industry, Proceedings of the 1st World Conference and Technology Exhibition (James & James Science Publishers, eds), Seville, Spain, 5-9 June.

Moussiopoulos N., Turlou P.M., Nitis Th., Sahm P. and Yamamoto Y. (2000), Impact of advanced vehicle technology on urban air quality in Europe: application of the EZM to Athens, Proceedings of the 9th International Symposium on Transport and Air Pollution (R. Joumard, ed), Avignon, France, 5-8 June, Vol. 1, 87-94.

Papadopoulos A.M., Papalexiou S. and Moussiopoulos N. (2000), Heat island effect in urban areas: the impact of the sea and the built environment, Proceedings of the EGS Millennium Conference on Earth, Planetary & Solar Systems Sciences, (EGS ed), Nice, France, 24-29 May, CD-ROM edition.

Papadopoulos A.M., Papageorgiou K.P. and Moussiopoulos N. (2000), Urban canyon, the built environment and energy conservation, Proceedings of the 2nd Meeting "Fluid flow in Greece" (University of Thessaly, ed), Volos, Greece, 22 May, 97-100.

Moussiopoulos N., Theodoridis G., Tsotas M. and Sahm P. (2000), Computation of the dispersion of inactive pollutants in complex urban areas, Proceedings of the 2nd Scientific Meeting "Fluid Flow in Greece" (University of Thessaly, ed), Volos, Greece, 22 May, 93-96.

Moussiopoulos N. (2000), Urban air pollution modelling: current knowledge, research priorities and application potential, Proceedings of the Workshop on Urban air, indoor environment and human exposure, future needs for policy-science interface in the EU, (S. Kephelopoulou et al., eds), Thessaloniki, Greece, 16-18 April, 92-96.

Louka P., Sahm P., Ketzler M., Theodoridis G., Sini J.F. and Moussiopoulos N. (2000), An intercomparison of microscale models for the flow and dispersion characteristics in urban areas, Proceedings of the EUROTRAC-2 Symposium 2000 (P. Midgley et al., eds), Garmisch-Partenkirchen, Germany, 27-31 March, 1173-1177, CD-ROM edition.

Moussiopoulos N., Turlou P.M., Nitis Th., Sahm P. and Yamamoto Y. (2000), Impact of advanced vehicle technology on air quality in Athens, Proceedings of the EUROTRAC-2 Symposium 2000 (P. Midgley et al., eds), Garmisch-Partenkirchen, Germany, 27-31 March, 1183-1187, CD-ROM edition.

Moussiopoulos N., Papalexioiu S., Bassoukos A. and de Leeuw F. (2000), Model documentation system: evaluation of functionality and comprehensiveness, Proceedings of the EUROTRAC-2 Symposium 2000 (P. Midgley et al., eds), Garmisch-Partenkirchen, Germany, 27-31 March, 1389-1394, CD-ROM edition.

Moussiopoulos N., Papalexioiu S. and Sahm P. (2000), Methodology for assessing the impact of input data inaccuracies to model output uncertainty, Proceedings of the EUROTRAC-2 Symposium 2000 (P. Midgley et al., eds), Garmisch-Partenkirchen, Germany, 27-31 March, 1188-1191, CD-ROM edition.

de Leeuw F., Moussiopoulos N., Sahm P. and Bartonova A. (2000), Air quality in larger conurbations in the European Union, Proceedings of the EUROTRAC-2 Symposium 2000 (P. Midgley et al., eds), Garmisch-Partenkirchen, Germany, 27-31 March, 1136-1140, CD-ROM edition.

Karatzas K. and Moussiopoulos N. (2000), Fuzziness in urban air quality management, Proceedings of the EUROTRAC-2 Symposium 2000 (P. Midgley et al., eds), Garmisch-Partenkirchen, Germany, 27-31 March, 260, CD-ROM edition.

Friedrich R., Reis S., Simpson D., Moussiopoulos N. and Sahm P. (2000), Tropospheric ozone abatement in Europe, Proceedings of the EUROTRAC-2 Symposium 2000 (P. Midgley et al., eds), Garmisch-Partenkirchen, Germany, 27-31 March, 1365-1368, CD-ROM edition.

Assimakopoulos V., Sahm P., Moussiopoulos N. and ApSimon H.M (2000), Simulation of microscale flow and chemical reactions in urban areas, Proceedings of the EUROTRAC-2 Symposium 2000 (P. Midgley et al., eds), Garmisch-Partenkirchen, Germany, 27-31 March, 1096-1100, CD-ROM edition.

Karatzas K. and Moussiopoulos N. (1999), GIS and air quality information management: an internet based application for the city of Athens, Proceedings of the 1st National Conference on GIS - their potentials and applications, Athens, Greece, 9-10 December, CD-ROM edition (in Greek).

Papadopoulos A.M. (1999), Greece and electricity trading in eastern Europe, Proceedings of the 2nd International Powerbridge Conference, Warsaw, 16-18 November.

Koroneos C.J., Papadopoulos A.M. and Moussiopoulos N. (1999), Renewable sources of energy – exergy approach, Proceedings of the 6th National Conference on Renewable Energy Sources (IST 99) (G. Tsiligridis, ed), Volos, Greece, 3-5 November, Institute of Solar Technology, Thessaloniki, Greece, Vol. 2, 459-468 (in Greek).

Papadopoulos A.M., Koroneos C.J. and Moussiopoulos N. (1999), Optimisation of RES systems in islands with specific geomorphologic and economic limits, Proceedings of the 6th National Conference on Renewable Energy Sources (IST 99) (G. Tsiligridis, ed), Volos, Greece, 3-5 November, Institute of Solar Technology, Thessaloniki, Greece, Vol. 2, 451-458 (in Greek).

Karatzas K., Papadopoulos A.M. and Moussiopoulos N. (1999), Internet based applications for energy and environment information management, Proceedings of the 6th National Conference on Renewable Energy Sources (IST 99) (G. Tsiligridis, ed), Volos, Greece, 3-5 November, Institute of Solar Technology, Thessaloniki, Greece, Vol. 2, 433-440 (in Greek).

Axarli K., Papadopoulos A.M. and Papadopoulos M. (1999), Interdepartmental education on renewable energy sources: possibilities, difficulties and perspectives, Proceedings of the 6th National Conference of the Institute of Solar Energy (IST 99) (G. Tsiligridis, ed), Volos, Greece, 3-5 November, Vol. 2, 417-424 (in Greek).

Perkoulidis G., Karagiannidis A. and Moussiopoulos N. (1999), Investigation of the prospects of thermal treatment of urban solid waste by a location-allocation model and multicriteria analysis in the region of Eastern Macedonia and Thrace, Proceedings of the 6th National Conference on Renewable Energy Sources (IST 99) (G. Tsiligridis, ed), Volos, Greece, 3-5 November, Institute of Solar Technology, Thessaloniki, Greece, Vol. 1, 539-547 (in Greek).

Axarli K., Theodosiou Th., Papadopoulos A.M., Papadopoulos M. and Tsakiris N. (1999), Refurbishment of school buildings using techniques for energy conservation and solar energy utilisation, Proceedings of the 6th National Conference of the Institute of Solar Energy (IST 99) (G. Tsiligridis, ed), Volos, Greece, 3-5 November, Vol. 1, 173-181, (in Greek).

Papadopoulos A.M. and Theodosiou Th. (1999), Applying the new energy conservation regulation in existing buildings, Proceedings of the 6th National Conference of the Institute of Solar Energy (IST 99) (G. Tsiligridis, ed), Volos, Greece, 3-5 November, Vol. 1, 41-48, (in Greek).

Koroneos C.J., Boura A., Ikonomou N. and Moussiopoulos N. (1999), Life cycle analysis as an environmental management tool on building materials: an application on concrete, Proceedings of the 13th National Conference on Concrete, Rethimno, Greece, 25-27 October, 371-382.

Karatzas K. and Moussiopoulos N. (1999), World Wide Web, a working environment for air quality management applications in line with Council directive 96/62/EC on ambient air quality assessment and management, Proceedings of the 6th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Rouen, France 11-14 October, 131.

Clai G., Berkowicz R., Düring I., Ketzler M., Lohmeyer A., Moussiopoulos N. and Papalexioiu S. (1999), Proposal for the calculation of the high percentiles of NO<sub>2</sub> concentrations, necessary for the execution of EU directive 1999/30/EC, Proceedings of the 6th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Rouen, France, 11-14 October, 99.

Assimakopoulos V., Ehrhard J., Moussiopoulos N., Theodoridis G. and ApSimon H.M. (1999), Assessing the influence of near wall treatment on the wind and dispersion characteristics in urban areas, Proceedings of the 6th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Rouen, France, 11-14 October, 227.

Sahm P. and Moussiopoulos N. (1999), Urban ozone levels in Europe: simulations with the OFIS model, Proceedings of the 6th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Rouen, France, 11-14 October, 111.

Lohmeyer A., Düring I., Ketzler M., Berkowicz R., Moussiopoulos N. and Papalexioiu S. (1999), Proposal for the calculation of the high percentiles of concentrations, necessary for the execution of directive 96/62/EU, Proceedings of the 6th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Rouen, France, 11-14 October, 99-100.

Moussiopoulos N., Sahm P., Münchow S., Tonnesen D., de Leeuw F. and Tarrasón L. (1999), Uncertainty analysis of modelling studies included in air quality assessments, Proceedings of the 6th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Rouen, France, 11-14 October, 55.

Koroneos C.J. and Moussiopoulos N. (1999), Life cycle analysis in the Dodecanese energy system, Proceedings of the 10th International Conference on Environmental Pollution and its Impact on Life in the Mediterranean Region, Alicante, Spain, 2-6 October.

Koroneos C.J., Boura A. and Moussiopoulos N. (1999), Technology and change: the case of the island of Nisyros, Proceedings of the Conference on Nature, Society and History, Vienna, Austria, 30 September-2 October.

Koroneos C.J., Fitikas M. and Moussiopoulos N. (1999), Energy potential of geothermal energy in Greece, Proceedings of the European Geothermal Conference, Basel '99, 28-30 September.

Boura A., Koroneos C.J. and Moussiopoulos N. (1999), Life cycle analysis, traditional and reverse approach – its application to the washing machines, Proceedings of the 6th International Conference of Environmental Science and Technology (Th. Lekkas, ed), Pythagorion, Samos, Greece, 30 August-2 September, Vol. 3, 328-336.

Assimakopoulos D.N., Helmis C.G., Moussiopoulos N., Lycoudis S. and Flocas H.A. (1999), Experimental study of air mass advection over the greater Thessaloniki area, Proceedings of the 6th International Conference of Environmental Science and Technology (Th. Lekkas, ed), Pythagorion, Samos, Greece, 30 August-2 September, Vol. 3, 42-48.

Perkoulidis G., Karagiannidis A. and Moussiopoulos N. (1999), Modelling waste-tire management with emphasis on energy-recovery logistics, in Proceedings of the 6th International Conference of Environmental Science and Technology (T.D. Lekkas, ed), Pythagorion, Samos, Greece, 30 August-2 September, Vol. 1, 290-297.

Moussiopoulos N., Sahn P., Papalexiou S. and Helmis C.G. (1999), Simulation of transboundary air pollution to and from Greece, Proceedings of the 6th International Conference of Environmental Science and Technology (Th. Lekkas, ed), Pythagorion, Samos, Greece, 30 August-2 September, Vol. 1, 224-232.

Assimakopoulos V., Theodoridis G., Moussiopoulos N. and ApSimon H.M. (1999), A numerical study of the influence of building geometry on the wind and dispersion characteristics in urban areas, Proceedings of the 6th International Conference of Environmental Science and Technology (Th. Lekkas, ed), Pythagorion, Samos, Greece, 30 August-2 September, Vol. 1, 200-207.

Karatzas K., Moussiopoulos N., Fedra K., Lohmeyer A., Kouroumlis Ch. and Pistofidis Ch. (1999), Application of multimedia information systems to environmental impact assessment studies for air quality, Proceedings of the 3rd SATURN Workshop, Aveiro, Portugal, 23-24 August, 23.

Kouroumlis Ch., Karatzas K., Moussiopoulos N., Kalognomou E.A., Naneris Ch. and Bassoukos A. (1999), Development of a hierarchical system for the teletransmission of environmental data, Proceedings of the 3rd SATURN Workshop, Aveiro, Portugal, 23-24 August, 25.

Karatzas K. and Moussiopoulos N. (1999), Use of integrated tools for improving air quality management in urban areas, Proceedings of the 3rd SATURN Workshop, Aveiro, Portugal, 23-24 August, 24.

Ehrhard J. and Moussiopoulos N. (1999), A new nonlinear turbulence model for simulating microscale wind flows, Proceedings of the 3rd SATURN Workshop, Aveiro, Portugal, 23-24 August, 14.

Assimakopoulos V., ApSimon H. and Moussiopoulos N. (1999), Effects of street canyon geometry on the dispersion characteristics of pollutants within urban areas, Proceedings of the 3rd SATURN Workshop, Aveiro, Portugal, 23-24 August, 3.

Sahm P. and Moussiopoulos N. (1999), Urban ozone levels in Europe: simulations with the OFIS model, Proceedings of the 3rd SATURN Workshop, Aveiro, Portugal, 23-24 August, 40.

Arvanitis A., Moussiopoulos N. and Kephelopoulos S. (1999), Modelling urban aerosols with a modal aerosol model – preliminary results, Proceedings of the 3rd SATURN Workshop, Aveiro, Portugal, 23-24 August, 4.

Moussiopoulos N., Sahm P., Münchow S., Bartonova A., de Leeuw F. and Tarrason L. (1999), ETC-AQ'S Model uncertainty analysis methodology, Proceedings of the 3rd SATURN Workshop, Aveiro, Portugal, 23-24 August, 29.

Moussiopoulos N., Papalexiou S., Bassoukos A., Samaras Z. and Tsilingiridis G. (1999), Air pollution management in Thessaloniki using a system of 3D Eulerian mathematical models, Proceedings of the 3rd SATURN Workshop, Aveiro, Portugal, 23-24 August, 28.

Karagiannidis A., Perkoulidis G. and Moussiopoulos N. (1999), Applying AHP for the selection of optimal location policy for municipal solid waste management facilities, Proceedings of the 5th International Conference of the Decision Sciences Institute (D. Despotis and C. Zopounidis, eds), Athens, Greece, 4-7 July, Vol. 2, 1320-1322.

Theodoridis G., Moussiopoulos N. and Naris S. (1999), Numerical prediction of flow and dispersion characteristics in the vicinity of a U-shaped building, Proceedings of the 3rd National Congress on Computational Mechanics, Volos, Greece, June, 681-688.

Papadopoulos A.M., Theodosiou T.G., Balouktsis A. and Pallas C. (1999), Application of energy conservation and res utilisation schemes in the urban area of Serres, Proceedings of the 3rd International Exhibition and Conference on Environmental Technology (HELECO 99) (A. Andreadakis et al., eds), Thessaloniki, Greece, 3-6 June, Vol. 2, 490-498 (in Greek).

Kaltschmitt M., Papadopoulos A.M. and Moussiopoulos N. (1999), Promoting RES in Europe – what measure fits best? Case study: wind energy, Proceedings of the 3rd International Exhibition and Conference on Environmental Technology (HELECO 99), (A. Andreadakis et al., eds), Thessaloniki, Greece, 3-6 June, Vol. 2, 475-482 (in Greek).

Kouroumlis Ch., Moussiopoulos N., Karatzas K., Kalognomou E.A. and Naneris Ch. (1999), Development of a hierarchical system for the teletransmission of environmental data, Proceedings of the 3rd International Exhibition and Conference on Environmental Technology (HELECO 99) (A. Andreadakis et al., eds), Thessaloniki, Greece, 3-6 June, Vol. 2, 414-419 (in Greek).

Salonikidou A., Karagiannidis A. and Moussiopoulos N. (1999), Non-household urban wastes: quantification of parameters at the eastern part of the Thessaloniki municipality, Proceedings of the 3rd International Exhibition and Conference on Environmental Technology (HELECO 99) (A. Andreadakis et al., eds), Thessaloniki, Greece, 3-6 June, Vol. 2, 187-191 (in Greek).

Koroneos C.J., Boura A., Moussiopoulos N. and Balla Ch. (1999), Life cycle analysis: a holistic approach, Proceedings of the 3rd International Exhibition and Conference on Environmental Technology (HELECO 99) (A. Andreadakis et al., eds), Thessaloniki, Greece, 3-6 June, Vol. 2, 378-387 (in Greek).

Koroneos C J., Boura A., Moussiopoulos N. and Seitaridis Th. (1999), Environmental impact analysis of the production of packaging paper: application of life cycle analysis, Proceedings of the 3rd International Exhibition and Conference on Environmental Technology (HELECO 99) (A. Andreadakis et al., eds), Thessaloniki, Greece, 3-6 June, Vol. 2, 310-318 (in Greek).

Theodoridis G., Moussiopoulos N., Assimakopoulos V., Ehrhard J., Khatib I. and Kunz R. (1999), Multiscale air pollution modelling in urban areas, Proceedings of the 3rd International Exhibition and Conference on Environmental Technology (HELECO 99) (A. Andreadakis et al., eds), Thessaloniki, Greece, 3-6 June, Vol. 1, 512-219 (in Greek).

Perkoulidis G., Karagiannidis A. and Moussiopoulos N. (1999), Location-allocation modelling and multicriterial analysis in optimizing solid waste management: Applying PROMETHEE for central Macedonia, Proceedings of the 3rd International Exhibition and Conference on Environmental Technology (HELECO 99) (A. Andreadakis et al., eds), Thessaloniki, Greece, 3-6 June, Vol. 2, 179-186 (in Greek).



Karteris A., Salonikidou A., Karagiannidis A. and Moussiopoulos N. (1999), Optimizing waste collection by network analysis, Proceedings of the 3rd International Exhibition and Conference on Environmental Technology (HELECO 99) (A. Andreadakis et al., eds), Thessaloniki, Greece, 3-6 June, Vol. 2, 91-98 (in Greek).

Moussiopoulos N., Papalexiou S., Bassoukos A., Samaras Z., Tsiligiridis G. and Hantzaridou A. (1999), Air pollution management in Thessaloniki using a system of 3D Eulerian mathematical models, Proceedings of the 3rd International Exhibition and Conference on Environmental Technology (HELECO 99) (A. Andreadakis et al., eds), Thessaloniki, Greece, 3-6 June, Vol. 1, 377-385 (in Greek).

Moussiopoulos N., Turlou P.M, Papalexiou S., Sahm P. and Nitis Th. (1999), Analysing low-level wind shear phenomena in the area of the Ioannina airport using 3-D mathematical models, Proceedings of the 3rd International Exhibition and Conference on Environmental Technology (HELECO 99) (A. Andreadakis et al., eds), Thessaloniki, Greece, 3-6 June, Vol. 1, 520-528 (in Greek).

Sahm P. and Moussiopoulos N. (1999), The ozone fine structure model: an efficient tool for assessing ozone exposure and evaluating air pollution abatement strategies, Proceedings of the 3rd International Exhibition and Conference on Environmental Technology (HELECO 99) (A. Andreadakis et al., eds), Thessaloniki, Greece, 3-6 June, Vol. 1, 392-399 (in Greek).

Fedra K., Karatzas K. and Moussiopoulos N. (1999), Integrated urban environmental management: monitoring, simulation, decision support, Proceedings of the 3rd International Exhibition and Conference on Environmental Technology (HELECO 99) (A. Andreadakis et al., eds), Thessaloniki, Greece, 3-6 June, Vol. 2, 219-225 (in Greek).

Karatzas K., Moussiopoulos K., Fedra K., Lohmeyer A., Kouroumlis Ch. and Pistofidis Ch. (1999), Application of multimedia information systems to environmental impact assessment studies for air quality, Proceedings of the 3rd International Exhibition and Conference on Environmental Technology (HELECO 99) (A. Andreadakis et al., eds), Thessaloniki, Greece, 3-6 June, Vol. 2, 396-401 (in Greek).

Karatzas K. and Moussiopoulos N. (1999), Use of integrated tools for improving air quality management in urban areas, Proceedings of the 3rd International Exhibition and Conference on Environmental Technology (HELECO 99), (A. Andreadakis et al., eds), Thessaloniki, Greece, 3-6 June, Vol. 2, 388-395 (in Greek).

Moussiopoulos N., Sahm P., Turlou P.M., Friedrich R., Simpson D. and Lutz M. (1999), Assessing ozone abatement strategies in terms of their effectiveness on the regional and urban scales, Proceedings of the 8th International Symposium on Transport and Air Pollution, Graz, Austria, 31 May-2 June, Vol. 76, 93-104.

Koroneos C.J., Moussiopoulos N., Boura A., Roubas G., Zambaniotou A. and Filippopoulos N. (1999), Technical environmental, economic and energy analysis of alternative methods for the agricultural wastes in Greece – new prospects, Proceedings of the 2nd Panhellenic Scientific Conference of Chemical Engineering, Thessaloniki, Greece, 27-29 May, 205-208.

Papadopoulos A.M. (1999), Feasibility of renovation measures in existing buildings, Proceedings of the International Congress on Existing Buildings: Energy Conservation and the Environment, Aristotle University, Thessaloniki, Greece, 12 March, 153-166 (in Greek).

Moussiopoulos N., Papadopoulos A. and Boura A. (1999), Life cycle analysis as a tool for energy conservation in buildings, Proceedings of the International Congress on Existing Buildings: Energy Conservation and the Environment, Aristotle University, Thessaloniki, Greece, 12 March, 35-47 (in Greek).

Papadopoulos A.M. (1999), Energy saving potential in existing buildings, Proceedings of the International Congress on Existing Buildings: Energy Conservation and the Environment, Aristotle University, Thessaloniki, Greece, 12 March, 3-15 (in Greek).

Ehrhard J., Kunz R. and Moussiopoulos N. (1999), On the performance and applicability of non-linear two-equation turbulence models for urban air quality modelling, Proceedings of the 2nd International Conference on Urban Air Quality, Measurement, Modelling and Management, Madrid, Spain, 3-5 March, 24-26.

Sahm P., Moussiopoulos N. and Janssen J. (1999), The ozone fine structure model: model concept and options, Proceedings of the 2nd International Conference on Urban Air Quality, Measurement, Modelling and Management, Madrid, Spain, 3-5 March, 139-141.

Karatzas K. and Moussiopoulos N. (1999), Development and use of integrated air quality management tools in urban Areas with the aid of environmental telematics, Proceedings of the 2nd International Conference on Urban Air Quality, Measurement, Modelling and Management, Madrid, Spain, 3-5 March, 29-30.

Theodoridis G. and Moussiopoulos N. (1999), Influence of building density and roof shape on the wind and dispersion characteristics in an urban area: a numerical study, Proceedings of the 2nd International Conference on Urban Air Quality, Measurement, Modelling and Management, Madrid, Spain, 3-5 March, 79-80.

Kunz R., Khatib I. and Moussiopoulos N. (1998), Coupling of mesoscale and microscale models. An approach to simulate scale interaction, Proceedings of the International Conference on Air Pollution Modelling and Simulation, Champs-sur-Marne, France, 26-29 October, Vol. 1, 221-234.

Moussiopoulos N., Papalexiou S. and Arvanitis A. (1998), Simulation of nitrous-acid formation taking into account heterogenous pathways: application to the Milan metropolitan area, Proceedings of the International Conference on Air Pollution Modelling and Simulation, Champs-sur-Marne, France, 26-29 October, Vol. 1, 183-192.

Moussiopoulos N. (1998), Urban air pollution modelling: policy support needs and research trends, Proceedings of the International Conference on Air Pollution Modelling and Simulation, Champs-sur-Marne, France, 26-29 October, Vol. 2, 553-560.

Moussiopoulos N. and Sahm P. (1998), A new approach for assessing ozone exposure and for evaluation control strategies at the urban scale, Proceedings of the 6th International Conference on 'Air Pollution (C.A. Brebbia, C.F. Ratto and H. Power, eds), Genoa, Italy, 28-30 September, 495-504.

Moussiopoulos N. (1998), Air quality in Athens: long term trend and expected evolution until 2004, Proceedings of the 6th International Conference on 'Air Pollution (C.A. Brebbia, C.F. Ratto and H. Power, eds), Genoa, Italy, 28-30 September, 425-434.

Moussiopoulos N. (1998), Environmental impact assessments in Greece: an assessment of the present legal framework and prospects for its improvement, Proceedings of the Seminar on the Institution of Environmental Impact Assessments: application and awareness-raising, Loutraki, Greece, 21 September (in Greek).

Moussiopoulos N., Sahm P. and Theodoridis G. (1998), The influence of multiscale effects on ozone formation at the urban scale, Proceedings of the 4th ECCOMAS Computational Fluid Dynamics Conference, Athens, Greece, 7-11 September, Vol. 2, 452-460.

Papadopoulos A.M., Boura A. and Moussiopoulos N. (1998), Environmental management systems – life cycle analysis of energy conservation systems, Proceedings of the 12th National Congress of the Hellenic Operational Research Society, Hellenic Society Operational Research, Samos, Greece, 6-8 September, 73-83 (in Greek).

Karatzas K. and Moussiopoulos N. (1998), Use of integrated air quality management tools in urban areas as an improvement in environmental decision making process, Proceedings of the SATURN Workshop, Hamburg, Germany, 27-28 August.

Perkoulidis G., Karagiannidis A. and Moussiopoulos N. (1998), Spreadsheet modelling of solid waste management, Proceedings of the 4th Conference on Protection and Restoration of the Environment (K.L. Katsifarakis et al., eds), Sani, Greece, 1-4 July, Vol. 2, 627-634.

Karatzas K. and Moussiopoulos N. (1998), Integrated air quality management tools, a WWW-based application, Proceedings of the 4th Conference on Protection and Restoration of the Environment (K.L. Katsifarakis et al., eds), Sani, Greece, 1-4 July, Vol. 1, 373-380.

Moussiopoulos N. and Sahn P. (1998), A new methodology for the statistical evaluation of urban scale ozone levels, Proceedings of the 4th Conference on Protection and Restoration of the Environment (K.L. Katsifarakis et al., eds), Sani, Greece, 1-4 July, Vol. 1, 365-372.

Moussiopoulos N., Papagrighoriou S., Bartzis J.G., Nester K., van den Bergh H. and Theodoridis G. (1998), Forecasting air quality in the greater Athens area for the year 2004: an intercomparison of the results of four different dispersion models, Proceedings of the 5th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (J.G. Bartzis and K. Konte, eds), Rhodes, Greece, 18-21 May, 343-350.

Ehrhard J., Kunz R. and Moussiopoulos N. (1998), A comparative study of two-equations turbulence models for simulating microscale wind flow, Proceedings of the 5th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (J.G. Bartzis and K. Konte, eds), Rhodes, Greece, 18-21 May, 516-523.

Moussiopoulos N., de Leeuw F., Karatzas K. and Bassoukos A. (1998), The air quality model documentation system of the European Environment Agency, Proceedings of the 5th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (J.G. Bartzis and K. Konte, eds), Rhodes, Greece, 18-21 May, 31-37.

Moussiopoulos N. and Sahn P. (1998), The OFIS model: an efficient tool for assessing ozone exposure and evaluating air pollution abatement strategies, Proceedings of the 5th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (J.G. Bartzis and K. Konte, eds), Rhodes, Greece, 18-21 May, 631-638.

Kleitsikas N., Santamouris M., Chrisomallidou N. and Papadopoulos A.M. (1998), Energy rehabilitation of multi-use buildings in Greece, Proceedings of the Solartechnik 1998 Congress, Bonn, Germany, 2-3 May.

Papadopoulos A.M. (1998), The pricing policy of electricity: a tool for a rational energy policy and for the securing of PPC's viability, Proceedings of the Congress of the Hellenic Engineering Chamber "The new legislative framework on electricity systems, Thessaloniki, Greece, 2-3 April.

Moussiopoulos N., Theodoridis G. and Assimakopoulos V. (1998), The influence of fast Chemistry on the composition of NO<sub>x</sub> in the emission input to atmospheric dispersion models, Proceedings of the EUROTRAC Symposium 98: Transport and Chemical Transformation in the Troposphere (P.M. Borrell and P. Borrell, eds), Garmisch-Partenkirchen, Germany, 23-27 March, Vol. 2, 777-781.

Sahm P. and Moussiopoulos N. (1998), The OFIS model: an efficient tool for assessing ozone exposure and evaluating air pollution abatement strategies, Proceedings of the EUROTRAC Symposium 98: Transport and Chemical Transformation in the Troposphere (P.M. Borrell and P. Borrell, eds), Garmisch-Partenkirchen, Germany, 23-27 March, Vol. 2, 762-766.

Moussiopoulos N., Samaras Z., Papagrigoriou S. and Turlou P.M. (1998), Projection of future air quality in Athens, Proceedings of the EUROTRAC Symposium 98: Transport and Chemical Transformation in the Troposphere (P.M. Borrell and P. Borrell, eds), Garmisch-Partenkirchen, Germany, 23-27 March, Vol. 2, 725-730.

Moussiopoulos N. (1998), Urban air pollution: current knowledge and future research, Proceedings of the EUROTRAC Symposium 98: Transport and Chemical Transformation in the Troposphere (P.M. Borrell and P. Borrell, eds), Garmisch-Partenkirchen, Germany, 23-27 March, Vol. 2, 679-688.

Friedrich R., Reis S., Voehringer F. Simpson D., Moussiopoulos N., Sahm P., Turlou P.M., Salmons R., Papameletiou D. and Maqueda J.M. (1998), Assessment of policy instruments for efficient ozone abatement strategies in Europe: the INFOS project, Proceedings of the EUROTRAC Symposium 98: Transport and Chemical Transformation in the Troposphere (P.M. Borrell and P. Borrell, eds), Garmisch-Partenkirchen, Germany, 23-27 March, Vol. 1, 784-787.

Boura A. and Moussiopoulos N. (1998), LCA as a tool for environmental management, Proceedings of the Workshop on "Environmental management and ecological inspection", Athens, Greece, 4 March, 1-13.

Moussiopoulos N. (1998), The effect of large works on the air quality in Athens until 2004, Proceedings of the International Workshop Olympic Games, City and the Environment, Athens, Greece, January.

Boura A. (1997), Analytical methodology presentation during a life cycle analysis study (LCA), Proceedings of the Workshop on Life cycle analysis, Thessaloniki, Greece, School of Engineering, AUTH, 16 December, 1-17.

Koroneos C.J. (1997), Life cycle analysis in chemical engineering, Proceedings of the Workshop on Life cycle analysis, Thessaloniki, Greece, School of Engineering, AUTH, 16 December, 61-75.

Karagiannidis A. (1997), Waste management and life cycle analysis: two interconnected thematical unities, Proceedings of the Workshop on Life cycle analysis, Thessaloniki, Greece, School of Engineering, AUTH, 16 December, 89-95.

Moussiopoulos N., Boura A. and Papadopoulos A.M. (1997), LCA in energy systems, Proceedings of HELCANET seminar (N. Moussiopoulos and A. Boura, eds), Thessaloniki, Greece, December, 115-128 (in Greek).

Moussiopoulos N. and Boura A. (1997), Life cycle analysis, Proceedings of the HELCANET seminar (N. Moussiopoulos and A. Boura, eds), Thessaloniki, Greece, 16 December, 1-18 (in Greek).

Moussiopoulos N., Karagiannidis A., Salonikidou A. and Perkoulidis G. (1997), Solid waste management in Thessaloniki - present situation and prospects of recycling, Proceedings of the Recycling Workshop, (N. Moussiopoulos, ed), Thessaloniki, Greece, 15 December, 1-10 (in Greek).

Moussiopoulos N., Sahm P. and Papalexou S. (1997), Sensitivity of 3-D photochemical air pollution model results to the choice of the chemical reaction mechanism, Proceedings of the 7th European Symposium on Physico-Chemical Behaviour of Atmospheric Pollutants: The Oxidising Capacity of the Troposphere, Venice, Italy, 2-4 October, 416-420.

Moussiopoulos N., Karatzas K. and Theodoridis G. (1997), Air quality in Athens, Symposium Proceedings on Measurements of air pollutants at the stack and in ambient air (emission and immision), Pollutec 97, Paris, France, 1 October, 73-84.

Sahm P. and Moussiopoulos N. (1997), Temporal resolution of meteorological data and photochemical dispersion, Proceedings of the 5th International Conference on 'Air Pollution Modelling, Monitoring and Management' (H. Power, T. Tirabassi and C.A. Brebbia, eds), Bologna, Italy, September, 945-952.

Moussiopoulos N., de Leeuw F., Berge E., Karatzas K. and Bassoukos A. (1997), An air pollution model database on the world wide web, Proceedings of the 5th International Conference on 'Air Pollution Modelling, Monitoring and Management' (H. Power, T. Tirabassi and C.A. Brebbia, eds), Bologna, Italy, September, 269-276.

Moussiopoulos N., Soulios G. and Psarakos K. (1997), Environmental impact analysis from the planned operation of coal-fired power plants in Drama, Proceedings of the 5th Conference on Environmental Science and Technology (Th. Lekkas, ed), Molyvos Lesvos, Greece, 1-4 September, Vol. 2, 142-150 (in Greek).

Moussiopoulos N. and Papagrighoriou S. (1997), The contribution of major public works to air quality improvement in Athens, Proceedings of the 5th Conference on Environmental Science and Technology (Th. Lekkas, ed), Molyvos, Lesvos, Greece, 1-4 September, Vol. 1, 246-255 (in Greek).

Karagiannidis A. and Moussiopoulos N. (1997), Integrated solid waste management for the greater Thessaloniki area: results from the application of a new modelling framework, Proceedings of the 5th Conference on Environmental Science and Technology (Th. Lekkas, ed), Molyvos, Lesvos, Greece, 1-4 September, Vol. 1, 130-137 (in Greek).

Arvanitis A., Theodoridis G., Karatzas K., Moussiopoulos N. and Sahm P. (1997), Predictions of the current and future Nox levels in the greater Athens area with the European zooming model, Proceedings of the International Scientific Workshop "Athens 2004 Air Quality Study", Zappion, Athens, Greece, 18-19 February, 107-120.

Papargyriou N., Karagiannidis A. and Moussiopoulos N. (1996), The waste-paper management system: a case study for the city of Thessaloniki, Greece, Proceedings of the 5th National Conference on Renewable Energy Sources, Institute of Solar Technology, Thessaloniki, Greece, 6-8 November, Vol. 2, 371-380 (in Greek).

Karagiannidis A., Korakis P., Katsameni L. and Moussiopoulos N. (1996), A criteria bank for evaluating scenarios of regional solid waste management, Proceedings of the 5th National Conference on Renewable Energy Sources, Institute of Solar Technology, Thessaloniki, Greece, 6-8 November, Vol. 2, 341-349 (in Greek).

Moussiopoulos N., Sahm P., Papalexioiu S. and Vögele T. (1996), Nested grid simulations of air pollutant transport and transformation in Thessaloniki, Greece, Proceedings of the 4th International Conference on Air Pollution: Monitoring, Simulation and Control (B. Caussade, H. Power and C.A. Brebbia, eds), Toulouse, France, 28-30 August, 717-724.

Gassmann F., Feller W., Schaub O., Kamber K., Moussiopoulos N. and Megariti V. (1996), Results of wind field project MISTRAL and application for planning and emergency response, Proceedings of the 4th International Conference on Air Pollution: Monitoring, Simulation and Control (B. Caussade, H. Power and C.A. Brebbia, eds), Toulouse, France, 28-30 August, 495-506.

Moussiopoulos N. (1996), State of art of air pollution modelling – needs and trends, Proceedings of the 4th International Conference on Air Pollution: Monitoring, Simulation and Control (B. Caussade, H. Power and C.A. Brebbia, eds), Toulouse, France, 28–30 August, 47-56.

Karagiannidis A., Papakosma A. and Moussiopoulos N. (1996), Composting logistics: a modelling approach, Proceedings of the 3rd Conference on Protection and Restoration of the Environment, (E. Diamantopoulos and G. Korfiatis, eds), Chania, Greece, 28-30 August, 714-721.

Karagiannidis A. and Moussiopoulos N. (1996), Scope of a modelling framework for solid waste regional management with explicit consideration of local features, Proceedings of the 3rd Conference on Protection and Restoration of the Environment, (E. Diamantopoulos and G. Korfiatis, eds), Chania, Greece, 28-30 August, 705-713.

Karagiannidis A., Papargyriou N. and Moussiopoulos N. (1996), A methodology for the investigation of waste paper recycling, Proceedings of the 3rd Conference on Protection and Restoration of the Environment, (E. Diamantopoulos and G. Korfiatis, eds), Chania, Greece, 28-30 August, 687-694.

Moussiopoulos N. and Karagiannidis A. (1996), Management of hazardous and toxic wastes: appropriate ways for Greece, Proceedings of the Workshop on Hazardous Waste Management, Technical Chamber of Greece, Athens, Greece, 5 June.

Götting J., Winkler Ch., Ernst G., Rau M. and Moussiopoulos N. (1996), Dispersion of a passive pollutant in the vicinity of an u-shaped building, Proceedings of the 4th Workshop on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (J.G. Kretzschmar and G. Cosemans, eds), Oostende, Belgium, 6-9 May, Vol. 2, 427-434.

Kunz R. and Moussiopoulos N. (1996), Statistical analysis of prognostic mesoscale flow model results in the frame of APSIS, Proceedings of the 4th Workshop on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (J.G. Kretzschmar and G. Cosemans, eds), Oostende, Belgium, 6-9 May, Vol. 1, 305-312.

Moussiopoulos N., Sahn P., Vögele T. and Kunz R. (1996), Numerical simulations of the wind flow and ozone formation during the Heilbronn ozone experiment, Proceedings of the 4th Workshop on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (J.G. Kretzschmar and G. Cosemans, eds), Oostende, Belgium, 6-9 May, Vol. 1, 241-248.



Moussiopoulos N., Sahm P., Karatzas K., Papalexiou S. and Karagiannidis A. (1996), Analysis of the impact of the new Athens airport to urban air quality with contemporary air pollution models, Proceedings of the 4th Workshop on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (J.G. Kretzschmar and G. Cosemans, eds), Oostende, Belgium, 6-9 May, Vol. 1, 109-116.

Moussiopoulos N. (1996), State of the art of air pollution models needs and trends, Proceedings of the 4th Workshop on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (J.G. Kretzschmar and G. Cosemans, eds), Oostende, Belgium, 6-9 May, Vol. 1, 9-16.

Moussiopoulos N. (1996), Position paper on air pollution modelling, Proceedings of the EIONET Workshop, Copenhagen, Denmark, April.

Moussiopoulos N., Sahm P., Kunz R., Vögele T., Schneider Ch. and Kessler Ch. (1996), High resolution simulations of the wind flow and the ozone formation during the Heilbronn ozone experiment, Proceedings of the 3rd Symposium on Traffic Induced Air Pollution, Graz, Austria, April, 253-264.

Moussiopoulos N., Sahm P., Papalexiou S., Samaras Z. and Tsilingiridis G. (1996), The importance of using accurate emission input data for performing reliable air quality simulations, Proceedings of the EUROTRAC Symposium 96: Transport and Transformation of Pollutants in the Troposphere (P.M. Borrell et al. eds), Garmisch-Partenkirchen, Germany, 25-29 March, Vol. 1, 655-659.

Moussiopoulos N., Sahm P., Kessler Ch., Kunz R., Schneider Ch. and Vögele T. (1996), Numerical simulation of the wind flow and ozone formation during the Heilbronn ozone experiment, Proceedings of the EUROTRAC Symposium 96: Transport and Transformation of Pollutants in the Troposphere (P.M. Borrell et al. eds), Garmisch-Partenkirchen, Germany, 25-29 March, Vol. 1, 635-639.

Sahm P. and Moussiopoulos N. (1996), MUSE - a new three layer photochemical dispersion model, Proceedings of the EUROTRAC Symposium 96: Transport and Transformation of Pollutants in the Troposphere (P.M. Borrell et al. eds), Garmisch-Partenkirchen, Germany, 25-29 March, Vol. 1, 553-557.

Megariti V., Moussiopoulos N. and Gassmann F. (1995), Development of a method for air pollution management and emergency planning in case of industrial accidents (MISTRAL project), Proceedings of the 9th Seminar on Environmental Protection (Th. Kouimtzis et al., eds), 88-97 (in Greek).

Moussiopoulos N. (1995), Management of polymer wastes, Proceedings of the Symposium on Environmental Protection "Industrial and Municipal Wastes Management-Cooperation Among Involved Parties" (F. Vosniakos et al., eds), Thessaloniki, Greece, 29-30 November, 86-97 (in Greek).

Moussiopoulos N. and Karagiannidis A. (1995), Mediterranean logistics issues in the management of municipal plastics waste, Proceedings of the Conference on Technology Options for Plastics Waste Management, Seville, Spain, 20-21 November, EUR 16460 EN, 25-26.

Moussiopoulos N. (1995), Mathematical description of air pollutant dispersion in the atmosphere, Proceedings of the 2nd International Exhibition and Conference on Environmental Technology (HELECO 95) (D.N. Assimakopoulos et al., eds), Athens, Greece, 9-12 November, Vol. 2, 173-180 (in Greek).

Sahm P. and Moussiopoulos N. (1995), The Heilbronn ozone experiment, Proceedings of the 2nd International Exhibition and Conference on Environmental Technology (HELECO 95) (D.N. Assimakopoulos et al., eds), Athens, Greece, 9-12 November, Vol. 1, 250-257 (in Greek).

Megariti V., Moussiopoulos N. and Gassmann F. (1995), Development of a tool for air pollution management and energy response (MISTRAL project), Proceedings of the 2nd International Exhibition and Conference on Environmental Technology (HELECO 95) (D.N. Assimakopoulos et al., eds), Athens, Greece, 9-12 November, Vol. 1, 163-170 (in Greek).

Karagiannidis A., Moussiopoulos N. and Papameletiou D. (1995), Logistics issues in the management of plastic wastes in Greece, Proceedings of the 2nd International Exhibition and Conference on Environmental Technology (HELECO 95) (D.N. Assimakopoulos et al., eds), Athens, Greece, 9-12 November, Vol. 1, 29-36 (in Greek).

Moussiopoulos N., Sahm P., Kessler Ch., Kunz R., Schneider Ch. and Vögele T. (1995), Numerical simulations of the wind flow and ozone formation during the Heilbronn ozone experiment, Proceedings of the 21st NATO/CCMS International Technical Meeting on Air Pollution Modelling and its Application, Baltimore, MD, USA, 6-10 November, 18-25.

Bontoux L., Karagiannidis A., Moussiopoulos N. and Papameletiou D. (1995), Current trends in the management of post-consumer plastics' waste in Mediterranean countries: a case study on Greece, Proceedings of the 8th International Symposium on Environmental Pollution and its impact on life in the Mediterranean Region, Rhodes, Greece, 8-12 October.

Moussiopoulos N., Sahm P., Gikas A., Karatzas A. and Papalexioiu S. (1995), Analysis of air pollutant transport in the Athens basin and in the Spata area with a three-dimensional dispersion model, Proceedings of the 3rd International Conference on Air Pollution: Air Pollution '95 (N. Moussiopoulos et al., eds), Porto Carras, Greece, 26-29 September, Vol. 3, 141-145.

Proyou A.G., Moussiopoulos N. and Karatzas K. (1995), Air quality impacts caused by the transfer of the Athens airport from Hellenikon to Spata, Proceedings of the 3rd International Conference on Air Pollution: Air Pollution '95 (N. Moussiopoulos et al., eds), Porto Carras, Greece, 26-29 September, Vol. 3, 131-139.

Kunz R., Coutinho M., Borrego C. and Moussiopoulos N. (1995), Nested dispersion simulation over the Lisbon region, Proceedings of the 3rd International Conference on Air Pollution: Air Pollution '95 (N. Moussiopoulos et al., eds), Vol. 3, 59-66.

Toll I., Moussiopoulos N., Sahm P., Samaras Z., Zachariadis T. and Aslanoglou M. (1995), A new emissions inventory for Athens and its use to improve air quality predictions, Proceedings of the 3rd International Conference on Air Pollution: Air Pollution '95 (H. Power et al., eds), Porto Carras, Greece, 26-29 September, Vol. 2, 309-319. Cited 8 times.

Karagiannidis A. and Moussiopoulos N. (1995), Use of multicriterial decision analysis to optimize integrated municipal solid waste management, taking into account air pollution issues: the case study Athens, Proceedings of the 3rd International Conference on Air Pollution: Air Pollution '95 (H. Power et al., eds), Porto Carras, Greece, 26-29 September, Vol. 2, 59-66.

Karagiannidis A., Karatzas K., Moussiopoulos N. and Sahm P. (1995), The role of temporal operation profiles on the study of SO<sub>2</sub> pollution from domestic heating in Thessaloniki, Greece, Proceedings of the 3rd International Conference on Air Pollution: Air Pollution '95 (H. Power et al., eds), Porto Carras, Greece, 26-29 September, Vol. 2, 31-40.

Karagiannidis A. and Moussiopoulos N. (1995), Correlations among the basic parameters describing the operation of burners of domestic heating boilers: analysis of measurements, Proceedings of the 3rd International Conference on Air Pollution: Air Pollution '95 (H. Power et al., eds), Porto Carras, Greece, 26-29 September, Vol. 2, 21-29.

Goetting J., Winkler Ch., Rau M., Moussiopoulos N. and Ernst G. (1995), Plume dispersion over built-up areas: a comparison of numerical results and wind tunnel studies, Proceedings of the 3rd International Conference on Air Pollution: Air Pollution '95 (H. Power et al., eds), Porto Carras, Greece, 26-29 September, Vol. 1, 413-420. Cited 1 time.

Moussiopoulos N., Sahm P., Kessler Chr., Voegelé T. and Schneider Chr. (1995), Application of the EZM to the 'Heilbronn ozone experiment', Proceedings of the 3rd International Conference on Air Pollution: Air Pollution '95 (H. Power et al., eds), Porto Carras, Greece, 26-29 September, Vol. 1, 397-404.

Megariti V., Gassmann F. and Moussiopoulos N. (1995), MISTRAL project: trajectory-based classification of wind fields, Proceedings of the 3rd International Conference on Air Pollution: Air Pollution '95 (H. Power et al., eds), Porto Carras, Greece, 26-29 September, Vol. 1, 389-396.

Sahm P. and Moussiopoulos N. (1995), MUSE - a multilayer dispersion model for reactive pollutants, Proceedings of the 3rd International Conference on Air Pollution: Air Pollution '95 (H. Power et al., eds), Porto Carras, Greece, 26-29 September, Vol. 1, 359-368, Cited 5 times.

Moussiopoulos N., Megariti V. and Gassmann F. (1995), Application of the improved version of CONDOR to the greater Thessaloniki area, Proceedings of the 3rd International Conference on Air Pollution: Air Pollution '95 (H. Power et al., eds), Porto Carras, Greece, 26-29 September, Vol. 1, 183-192.

Kunz R. and Moussiopoulos N. (1995), Statistical analysis of prognostic mesoscale flow model results in the frame of APSIS, Proceedings of the 3rd International Conference on Air Pollution: Air Pollution '95 (H. Power et al., eds), Porto Carras, Greece, 26-29 September, Vol. 1, 175-182.

Borrell P., Builtjes P., Grennfelt P., Hov O., van Aalst R., Fowler D., Megie G., Moussiopoulos N., Warneck P., Volz-Thomas A. and Wayne R. (1995), Photo-oxidants, acidification and tools: policy applications of EUROTRAC results, Proceedings of the 3rd International Conference on Air Pollution: Air Pollution '95 (H. Power et al., eds), Porto Carras, Greece, 26-29 September, Vol. 1, 19-26.

Moussiopoulos N. (1995), Air pollution models as tools to integrate scientific results in environmental policy, Proceedings of the 3rd International Conference on Air Pollution: Air Pollution '95 (H. Power et al., eds), Porto Carras, Greece, 26-29 September, Vol. 1, 11-18.

Moussiopoulos N., Sahm P., Gikas A., Karagiannidis A., Karatzas K. and Papalexioiu S. (1995), Analysis of air pollutant transport in the Athens basin and in the Spata area with a three-dimensional dispersion model, Proceedings of the 4th International Conference on Environmental Science and Technology (T.D. Lekkas, ed), Molyvos, Lesvos, Greece, 4-7 September, Vol. 2, 153-164.

Karagiannidis A., Karatzas K. and Moussiopoulos N. (1995), The role of temporal operation profiles on the study of SO<sub>2</sub> pollution from domestic heating in Thessaloniki Greece, Proceedings of the 4th International Conference on Environmental Science and Technology (T.D. Lekkas, ed), Molyvos, Lesvos, Greece, 4-7 September, Vol. 1, 538-549.

Karagiannidis A. and Moussiopoulos N. (1995), Application of ELECTRE III for the integrated management of municipal solid wastes in the greater Athens area, Proceedings of the 12th International Conference on Multiple Criteria Decision Making, (G. Fandel and T. Gal, eds), Hagen, Germany, 19-23 June, 568-578.

Coutinho M., Kunz R., Borrego C. and Moussiopoulos N. (1994), Nested wind flow simulation over the Lisbon region, Proceedings of the 2nd International Conference on Air Pollution: Computer Simulation (J.M. Baldasano et al., eds), Vol. 1, 357-366.

Moussiopoulos N. (1994), Urban air pollution modelling in Europe, Proceedings of the 2nd International Conference on Air Pollution: Computer Simulation (J.M. Baldasano et al., eds), Vol. 1, 341-348.

Moussiopoulos N. Sahm P., Kessler Ch. and Kunz R. (1994), Application of the EUMAC zooming model to the greater Athens area in the frame of APSIS, Proceedings of the 2nd International Conference on Air Pollution: Computer Simulation (J.M. Baldasano et al., eds), Vol. 1, 311-318.

Proyou A.G. and Moussiopoulos N. (1994), Application of a three-layer photochemical dispersion model to Thessaloniki, Proceedings of the 2nd International Conference on Air Pollution: Computer Simulation (J.M. Baldasano et al., eds), Vol. 1, 237-244.

Wellens A., Moussiopoulos N. and Sahm P. (1994), Comparison of a diagnostic model and the MEMO prognostic model to calculate wind fields in Mexico City, Proceedings of the 2nd International Conference on Air Pollution: Computer Simulation (J.M. Baldasano et al., eds), Vol. 1, 15-22.

Karagiannidis A. and Moussiopoulos N. (1994), Multicriterial aid for decisions in the management of municipal solid wastes: a case study for the greater Athens area, Proceedings of the Greek-German Workshop Management of Municipal Waste, (N. Moussiopoulos et al., eds), Thessaloniki, Greece, 7 October, 83-105.

Moussiopoulos N. and Karagiannidis A. (1994), Municipal waste management in greek urban areas, Proceedings of the Greek-German Workshop Management of Municipal Waste (N. Moussiopoulos et al., eds), Thessaloniki, Greece, 7 October, 5-14.

Moussiopoulos N., Proyou A., Karagiannidis A. and Nakos Ch. (1994), Impacts of Thessaloniki metro on urban air quality, Proceedings of the 2nd Conference on Protection and Restoration of the Environment (A.C. Demetracopoulos et al., eds), Patra, Greece, 24-26 August, 368-375.

Ernst G., Kessler Ch., Moussiopoulos N., Schneider Ch. and Vögele T. (1994), Application of the EUMAC zooming model to a small scale region, Proceedings of the EUROTRAC Symposium 94 (P. M. Borrell et al., eds), Garmisch-Partenkirchen, 11-15 April, 893-897.

Moussiopoulos N. and Sahm P. (1994), Illustrative applications of the EUMAC zooming model, Proceedings of the EUROTRAC Symposium 94 (P.M. Borrell et al., eds), Garmisch-Partenkirchen, 11-15 April, 889-892.

Pistikopoulos P., Moussiopoulos N. and Tsilingiridis G. (1994), Biogenic NM-VOC emissions from greek forests, Proceedings of the EUROTRAC Symposium 94 (P.M. Borrell et al., eds), Garmisch-Partenkirchen, 11-15 April, 511-515.

Moussiopoulos N. (1994), Air pollution modelling in southern Europe, Proceedings of the EUROTRAC Symposium 94 (P.M. Borrell et al., eds), Garmisch-Partenkirchen, 11-15 April, 48-55.

Moussiopoulos N. (1993), Urban air pollution modelling: results of illustrative study cases, in pollution atmospherique a l'echelle locale et regionale, Proceedings of the Avant-propos du comité scientifique et du comité d'organisation, Cachan, December, 73-83.

Berlowitz D. and Moussiopoulos N. (1993), Studies with the three-dimensional eulerian photochemical dispersion model MARS for the APSIS B case: viability of the inclusion of horizontal diffusion into the implicit solver of the model, Proceedings of the 20th International Technical Meeting on Air Pollution Modelling and its Application, Valencia, Spain, 29 November-3 December, Vol. 3, 549-550.

Moussiopoulos N. and Sahm P. (1993), Prediction of wind flow and ozone formation in Athens for the APSIS B2 exercise using the EUMAC zooming model, Proceedings of the 20th International Technical Meeting on Air Pollution Modelling and its Application, Valencia, Spain, 29 November-3 December, Vol. 3, 543-544.

Kunz R. and Moussiopoulos N. (1993), Results of nested wind flow simulations for the Athens Basin using the non-hydrostatic model MEMO, Proceedings of the 20th International Technical Meeting on Air Pollution Modelling and its Application, Valencia, Spain, 29 November-3 December, Vol. 3, 477-478.

Moussiopoulos N., Proyou A. and Sahm P. (1993), Wind flow and photochemical smog in Thessaloniki: model results compared with observations, Proceedings of the 20th International Technical Meeting on Air Pollution Modelling and its Application, Valencia, Spain, 29 November-3 December, Vol. 1, 73-80.

Moussiopoulos N. and Karatzas K. (1993), Study of the wind fields and atmospheric pollution in the valley of Ptolemais, Proceedings of the 3rd Conference on Environmental Science and Technology (Th. Lekkas, ed), Molyvos, Lesvos, Greece, 6-9 September, Vol. 2, 41-56 (in Greek).

Pistikopoulos P., Moussiopoulos N. and Tsilingiridis G. (1993), Spatial distribution and temporal variation of biogenic volatile organic compounds (VOC) from greek forests, Proceedings of the 3rd Conference on Environmental Science and Technology (Th. Lekkas, ed), Molyvos, Lesvos, Greece, 6-9 September, Vol. 2, 33-40 (in Greek).

Moussiopoulos N. (1993), Mathematical simulation of the air pollutant transport from the area of the Kozloduj nuclear power plant to Northern Greece, Proceedings of the Workshop of the Technical Chamber of Greece, The risk of a nuclear accident in the Balkans - The case of Kozloduj in Bulgaria, Thessaloniki, Greece, 12 May (in Greek).

Moussiopoulos N. (1993), Modelling in the Mediterranean area, in the Proceedings of the EMEP Workshop on the Control of Photochemical Oxidants in Europe (P. Anttila, ed), Finnish Meteorological Institute, Helsinki, Finland, 20-22 April, 91-95.

Pistikopoulos P., Moussiopoulos N. and Tsilingiridis G. (1993), Spatial distribution and temporal variation of biogenic volatile organic compounds (VOC) from Greek forests, Proceedings of the TNO/EURASAP Workshop on the reliability of VOC emission data bases (H.P. Baars et al., eds), 179-188.

Pattas K., Moussiopoulos N. and Samaras Z. (1993), The development of the air pollution abatement programme in Athens, Proceedings of the 1st International Exhibition and Conference on Environmental Technology (HELECO 93) (N. Markatos et al., eds), Athens, Greece, 1-4 April, Vol. 3, 94-103 (in Greek).

Moussiopoulos N. (1993), EUROTRAC: The EUREKA environmental project, Proceedings of the 1st International Exhibition and Conference on Environmental Technology (HELECO 93) (N. Markatos et al., eds), Athens, Greece, 1-4 April, Vol. 3, 24-27 (in Greek).

Moussiopoulos N., Pattas K. and Samaras Z. (1993), Prediction of the ozone levels in Athens up to the year 2000, Proceedings of the 1st International Exhibition and Conference on Environmental Technology (HELECO 93) (N. Markatos et al., eds), Athens, Greece, 1-4 April, Vol. 1, 50-61.

Gassmann F., Feller W., Kaufmann P., Megariti V., Kamber K., Muntwiler M. and Moussiopoulos N. (1993), Development of a tool for air pollution management and emergency response (MISTRAL project), Proceedings of the 1st International Conference on Air Pollution '93 (P. Zannetti et al., eds), Monterrey, Mexico, 16-18 February, 623-636.

Moussiopoulos N. (1993), Photochemical air pollution in Athens, Proceedings of the 1st International Conference on Air Pollution '93 (P. Zannetti et al., eds), Monterrey, Mexico, 16-18 February, 255-280.

Moussiopoulos N. (1992), Thessaloniki 91 field measurement campaign organisation, in monitoring and modelling in the mesoscale (N. Moussiopoulos and G. Kaiser, eds), Proceedings of the Bilateral Seminars of the International Bureau, KFA Jülich, Germany, Vol. 9, 41-45.

Flassak Th. and Moussiopoulos N. (1991), High resolution simulations of the sea/land breeze in Athens, Greece, using the non-hydrostatic mesoscale model MEMO, Proceedings of the 19th ITM on Air Pollution Modelling and its Applications, Ierapetra, Crete, Greece, 29 September-4 October, Vol. 1, 121-128.

Moussiopoulos N., Flassak Th. and Kessler Ch. (1991), Modelling of the photosmog formation in Athens, Proceedings of the 19th ITM on Air Pollution Modelling and its Applications, Ierapetra, Crete, Greece, 29 September-4 October, Vol. 1, 111-120.

Moussiopoulos N. and Proyou A. (1991), Multibox model simulations of photochemical smog formation in Thessaloniki, Proceedings of the Seminar on the Monitoring and Modelling in the Mesoscale (N. Moussiopoulos and G. Kaiser, eds), Thessaloniki, Greece, 27 September, 203-210.

Flassak Th., Moussiopoulos N., Proyou A. and Winkler Ch. (1991), Preliminary results of mesoscale model simulations for Thessaloniki, Proceedings of the Seminar on the Monitoring and Modelling in the Mesoscale (N. Moussiopoulos and G. Kaiser, eds), Thessaloniki, Greece, 27 September, 195-201.

Moussiopoulos N., Pistikopoulos P. and Ageladarakis P. (1991), Industrial emissions of air pollutants in Thessaloniki, Proceedings of the Seminar on the Monitoring and Modelling in the Mesoscale (N. Moussiopoulos and G. Kaiser, eds), Thessaloniki, Greece, 27 September, 165-173.

Flassak Th., Wortmann M. and Moussiopoulos N. (1991), Influence of horizontal grid resolution on simulated wind and pollution concentration field in the greater Athens area, Proceedings of the Seminar on the Monitoring and Modelling in the Mesoscale (N. Moussiopoulos and G. Kaiser, eds), Thessaloniki, Greece, 27 September, 155-164.

Moussiopoulos N. (1991), Modelling of atmospheric transport phenomena, in emissions and air quality (N. Moussiopoulos and G. Kaiser, eds), Proceedings of the Bilateral Seminars of the International Bureau, KFA Jülich, Germany, Vol. 3, 29-34.



Moussiopoulos N. (1990), Application of three-dimensional models for the description of photochemical smog formation in Athens, Proceedings of the International Conference on Urban Air Quality, Athens, Greece, 5-8 September (in Greek).

Moussiopoulos N. (1990), Combined district heating and power generation from the viewpoint of thermodynamics, Proceedings of the International Conference on District Heating, Kozani, Greece, 4-6 May (in Greek).

Moussiopoulos N. (1989), Three-dimensional simulation of the photochemical air pollution in Athens, Greece, man and his ecosystem, Proceedings of the 8th World Clean Air Congress 1989 (L.J. Brassler and W.C. Mulder eds), The Hague, The Netherlands, 11-15 September, Vol. 3, 419-425.

Flassak Th., Moussiopoulos N. (1989), Simulation of the sea breeze in Athens with an efficient non-hydrostatic mesoscale model, man and his ecosystem, Proceedings of the 8th World Clean Air Congress 1989 (L.J. Brassler and W.C. Mulder eds), The Hague, The Netherlands, 11-15 September, Vol. 3, 189-195.

#### **Nicolas Moussiopoulos publications prior to his position at AUTH as Professor**

Flassak Th. and Moussiopoulos N. (1987), Parallel algorithms for the calculation of mass-consistent wind velocity fields, Proceedings of the European Congress on Simulation (ECS-87), Prague, Czechoslovakia, 21-25 September, Vol. 1, 143-147.

Flassak Th., Moussiopoulos N. and Nguyen Th.H. (1987), An efficient method for the analysis of air flow over rough terrain, Proceedings of the International Conference on Fluid Dynamics (ICFM), Beijing, China, 1101-1106.

Moussiopoulos N. (1987), A new technique for the solution of dispersion equation systems for reacting pollutants, Proceedings of the ICEA-87, Lausanne, Switzerland, 2-6 March.

Flassak Th. and Moussiopoulos N. (1987), A fully vectorized mesoscale model, Proceedings of the ICEA-87, Lausanne, Switzerland, 2-6 March.

Moussiopoulos N. (1986), Modelling of spray cooling performance, Proceedings of the International Symposium on Buoyant Flows, Athens, Greece, 1-5 September, 481-490.

Zellner K. and Moussiopoulos N. (1986), Photochemical transformation and turbulent diffusion of pollutants, Proceedings of the 7th World Clean Air Congress, Sydney, Australia, 25-29 August, Vol. 3, 516-523.

Flassak Th. and Moussiopoulos N. (1986), Efficient calculation of mass-consistent wind fields on vector computers, Proceedings of the 7th World Clean Air Congress, Sydney, Australia, 25-29 August, Vol. 3, 436-443.

Zellner K. and Moussiopoulos N. (1986), Einfluß der kohlenwasserstoffemissionen auf die ozonbildung in ballungsgebieten, Proceedings of the Premier Colloque Scientifique des Universites du Rhin Superieur Recherches sur l'Environnement dans la Region, Strasbourg, France, 27-28 June, 147-156.

Flassak Th. and Moussiopoulos N. (1986), Ein effizientes verfahren zur berechnung divergenzfreier windfelder angewandt auf das oberrheintal, Proceedings of the Premier Colloque Scientifique des Universites du Rhin Superieur Recherches sur l'Environnement dans la Region, Strasbourg, France, 27-28 June, 99-108.

Ernst G., Moussiopoulos N., Reichel H.-H. and Wurz D. (1985), Neue VGB-forschungsergebnisse auf dem gebiet der rückkühltechnik, VGB Kraftwerke 1984, 343-351.

Zellner K. and Moussiopoulos N. (1985), Simulations of the ozone formation caused by motorcar emissions in urban areas, Proceedings of the Workshop Pollutant Cycles, Transport Modelling and Field Experiments within the COST Action 611, Bilthoven, The Netherlands, 23-25 September, 138-142.

Moussiopoulos N. (1985), Two-dimensional simulation of the sea-breeze circulation in Athens, Proceedings of the 11th IMACS World Congress on System Simulation and Scientific Computation, Oslo, Norway, 5-9 August, Vol. 5, 55-58.

Zellner K. and Moussiopoulos N. (1985), An estimate of the ozone formation caused by automotive exhaust in urban areas, Proceedings of the 11th IMACS World Congress on System Simulation and Scientific Computation, Oslo, Norway, 5-9 August, Vol. 5, 51-54.

Moussiopoulos N. and Ernst G. (1984), Thermal performance of fan-assisted hybrid cooling towers, Proceedings of the 4th IAHR Cooling Tower Workshop, Interlaken, Switzerland, 1-5 October.

Moussiopoulos N., Ernst G. and Oplatka G. (1984), Evaluation of the tolerance at acceptance test measurements cooling tower workshop, Proceedings of the 4th IAHR Cooling Tower Workshop, Interlaken, Switzerland, 1-5 October.

Moussiopoulos N., Gassmann F., Haschke D. and Pandolfo J.P. (1983), Numerical model for simulations of mesoscale effects of anthropogenic emissions and its application for an analysis of air pollution episodes in the Athens basin, Proceedings of the 2nd Conference on Environmental Fluid Mechanics, Athens, Greece, 20-23 November, 141-154.

Moussiopoulos N. and Ernst G. (1982), Predictions of the performance of a spray cooling pond, Proceedings of the 3rd IAHR Cooling Tower Workshop, Budapest, Hungary, 12-15 October.

Ernst G. and Moussiopoulos N. (1982), Mathematical model for the performance of a spray cooling pond, Proceedings of the Symposium on Refined Modelling of Flows, Paris, France, 7-10 September, Vol. 2, 625-636.

Dittrich H., Ernst G. and Moussiopoulos N. (1980), Field measurements at cooling towers: methods and instrumentation, Proceedings of the 2nd IAHR Cooling Tower Workshop, San Francisco, California, 22-25 September.