



**Europass  
Curriculum Vitae**



**Personal information**

First name / Surname **George PERKOULIDIS**  
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E-mail gperk@aix.meng.auth.gr  
Nationality Greek  
Date of birth 03 09 1962  
Gender Male

**Work experience**

Dates September 1996 - Today  
Occupation or position held Special Laboratory Teaching Staff in the Laboratory of Heat Transfer and Environmental Engineering, Department of Mechanical Engineering, Aristotle University Thessaloniki  
Main activities and responsibilities Lectures: (a) Solid Waste Management, (b) Introduction to Environmental Engineering, (c) Heating-Refrigerating- Air Conditioning, and (d) Thermal Processes and Applications  
Name and address of employer Laboratory of Heat Transfer and Environmental Engineering, Dept. of Mechanical Engineering, Aristotle University of Thessaloniki, BOX 483, GR-54124, Thessaloniki Greece  
Type of business or sector Academic Institution  
Dates September 1996 – Today  
Occupation or position held Postdoctoral Research Assistant at the Laboratory of Heat Transfer and Environmental Engineering at the Department of Mechanical Engineering  
Main activities and responsibilities (a) design and implementation of Geographic Information Systems (GIS) and Decision Support Systems (DSS) for solid waste management in local and regional level, (b) creation and development of bank with information and data concerning waste management in Greece, (c) location of noxious and obnoxious facilities, allocation of flows and impact assessment, (d) multi-criteria decision support on energetic and environmental applications, (e) risk assessment in semi-controlled and uncontrolled landfills, (f) heating and cooling loads, boilers – burners – chimneys, pipes dimensioning, industrial and home refrigeration, vapor-compression and –absorption refrigeration and (g) evaluation of efficient and sustainable processes.  
Name and address of employer Laboratory of Heat Transfer and Environmental Engineering, Dept. of Mechanical Engineering, Aristotle University of Thessaloniki, BOX 483, GR-54124, Thessaloniki Greece

Type of business or sector Academic Institution  
 Dates September 1994 – Today  
 Occupation or position held Participation in 10 national and international research projects since 1994.  
 Main activities and responsibilities Research Fellow  
 Name and address of employer Laboratory of Heat Transfer and Environmental Engineering, Dept. of Mechanical Engineering, Aristotle University Thessaloniki, BOX 483, GR-54124, Thessaloniki Greece  
 Type of business or sector Academic Institution

**Education and training**

Dates 1996-2001  
 Title of qualification awarded Dissertation in the Department of Mechanical Engineering, Mechanical Engineer  
 Principal subjects/occupational skills covered
 

- Grade: 10/10
- Specialisation: Thermal treatment of municipal solid waste
- Main subjects: Integrated solid waste management, multicriterial analysis

 Name and type of organisation providing education and training Aristotle University Thessaloniki, Greece  
 Level in national or international classification ISCED Level 5  
 Dates 2005-2007  
 Title of qualification awarded Postdoctoral Thesis in the Department of Mechanical Engineering, Mechanical Engineer  
 Principal subjects/occupational skills covered
 

- Grade: 10/10
- Specialisation: Administrative plans for the restoration of uncontrolled landfills
- Main subjects: Decision support model, Geographic Information System

 Name and type of organisation providing education and training Aristotle University Thessaloniki, Greece  
 Level in national or international classification ISCED Level 5

**Personal skills and competences**

Mother tongue **Greek**

Other language(s)

Self-assessment

European level (\*)

**English**

**French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient User	C1	Proficient User	C2	Proficient User	C2	Proficient User	C1	Proficient User
A2	Basic User	A1	Basic User	A2	Basic User	A2	Basic User	A1	Basic User

(\*) Common European Framework of Reference for Languages

Social skills and competences

- Presentation skills and confidence gained from giving lectures. Very familiar with Power Point and Corel Draw for creating posters for conferences.
- Effective collaboration with my colleagues in my previous jobs and during academic studies and participation in research projects.

Organisational skills and competences	<ul style="list-style-type: none"> <li>• A lot of experience of team working during my participation in research projects to get the work done in time.</li> <li>• Led successfully at least 20 diplomatic theses in the Laboratory of Heat Transfer and Environmental Engineering.</li> </ul>
Computer skills and competences	The European Computer Driving Licence (ECDL) Competent with Microsoft Word, Excel, Access and Power Point, with What's Best, Analytical Hierarchy Process (AHP), Fortran, Visual Basic, Pascal, ArcGIS, Internet and e-mails.
Driving licence	Full clean for 30 years for motorbike and car
<b>Additional information</b>	Author and co-author of scientific publications (24 papers in Journals and 74 contributions in Conference Proceedings, reviewer of journals' publications and member of the Hellenic Technical Chamber, the Hellenic Solid Waste Management Association and the Hellenic Association of Operational Research.
<b>Annexes</b>	I: Papers in Journal II: Contributions in Conference Proceedings

#### Annex I: Papers in Journals

1. Perkoulidis G., Karagiannidis A. and Moussiopoulos N. (1999) 'Applying mixed-integer linear programming for the evaluation of alternative integrated management schemes for solid wastes in the Region of Western Macedonia, Greece', *Studies in Regional and Urban Planning*, **7**, pp. 75-90.
2. Karagiannidis A., Perkoulidis G. and Moussiopoulos N. (2001) 'Multi-objective ranking of pareto-optimal scenarios for regional solid waste management in Central Greece', *Operational Research*, **1**, Nr 3, pp. 225-240.
3. Karagiannidis A., Perkoulidis G., Moussiopoulos N. and Chrysochoou M. (2004) 'Facility location for solid waste management through compilation and multicriterial ranking of optimal decentralized scenarios. A case study for the Region of Peloponnesse in Southern Greece' *The Journal of Engineering Research*, **1**, Nr 1, pp. 7-18.
4. Karagiannidis A., Xirogiannopoulou A., Perkoulidis G. and Moussiopoulos N. (2004) 'Assessing the collection of urban solid wastes: A step towards municipality benchmarking', *Water, Air and Soil Pollution: Focus*, **4**, Nr 4-5, pp. 397-409.
5. Karagiannidis A., Perkoulidis G., Papadopoulos A., Moussiopoulos N. and Tsatsarelis T. (2005) 'Characteristics of wastes from electric and electronic equipment in Greece: Results of a field survey', *Waste Management and Research*, **23**, pp. 381-388.
6. Tsatsarelis T., Antonopoulos I., Karagiannidis A. and Perkoulidis G. (2007) 'Open dumps in the Hellenic prefecture of Laconia: Statistical analysis of characteristics and restoration prioritization on the basis of a field survey', *Waste Management and Research*, **25**, pp. 417-425.
7. Erkut E., Karagiannidis A., Perkoulidis G. and Tjandra S. (2008) 'Multicriteria facility location model for municipal solid waste management system', *European Journal of Operational Research*, **187**, 1402-1421.
8. Karagiannidis A. and Perkoulidis G. (2009) A multi-criteria ranking of different technologies for the anaerobic digestion for energy recovery of the organic fraction of municipal solid wastes, *Bioresource Technology* **100**, 2355-2360.
9. Karagiannidis A., Papageorgiou A., Perkoulidis G., Sanida G. and Samaras P. (2010) A multi-criteria assessment of scenarios on thermal processing of infectious hospital wastes: A case study for Central Macedonia, *Waste Management* **30**, 251-262.
10. Perkoulidis G., Papageorgiou A., Karagiannidis A. and Kalogirou S. (2010) Integrated assessment of a new waste-to-energy facility in central Greece in the context of regional perspectives, *Waste Management* **30**, 1395-1406.
11. Karagiannidis A., Samaras P., Kasampalis T., Perkoulidis G., Ziogas P. and Zorpas A. (2011), Evaluation of sewage sludge production and utilization in Greece in the frame of integrated energy recovery, *Desalination and Water Treatment* **33**, 185-193.
12. Perkoulidis G., Karagiannidis A., Kontogianni St. and Diaz L.F. (2011), Solid waste management in developing countries: Present problems and future perspectives, *Journal of Environmental Protection and Ecology* **12**, 570-580.

13. Perkoulidis G., Malamakis A., Karagiannidis A., Wittmaier M. and Bilitewski B. (2011), Cogeneration of renewable energy from organic waste in insular settings: A case for the Vietnamese island of Phu Quoc, *Journal of Environmental Protection and Ecology* **12**, 594-602.
14. Perkoulidis G., Karagiannidis A., Philippopoulos N. and Malamakis A. (2011), Biomass energy recovery in hellenic wood production facilities, *Journal of Environmental Protection and Ecology* **12**, 603-610.
15. Antonopoulos I.S., Karagiannidis A., Elefsiniotis L., Perkoulidis G. and Gkouletsos A. (2011), Development of an innovative 3-stage steady-bed gasifier for municipal solid waste and biomass, *Fuel Processing Technology* **92**, 2389-2396.
16. Achillas Ch., Vlachokostas Ch., Moussiopoulos N., Perkoulidis G., Banias G. and Mastropavlos M. (2011), Electronic waste management cost: a scenario-based analysis for Greece, *Waste Management and Research* **29**, 963-972.
17. Moussiopoulos N., Karagiannidis A., Papadopoulos A., Achillas Ch., Antonopoulos I., Perkoulidis G., Vlachos D. and Vlachokostas Ch. (2012), Transportation cost analysis of the Hellenic system for alternative management of waste electric and electronic equipment, *International Journal of Environment and Waste Management* **10**, 1, 70-89.
18. Antonopoulos I.-S., Karagiannidis A., Gkouletsos A. and Perkoulidis G. (2012), Modelling of a downdraft gasifier fed by agricultural residues, *Waste Management* **32**, 710-718.
19. Antonopoulos I.-S., Karagiannidis A., Tsatsarelis T., Perkoulidis G. (2012), Applying waste management scenarios in the Peloponnese region in Greece: a critical analysis in the frame of life cycle assessment *Environmental Science and Pollution Research* **20**, 4, 2499-2511.
20. Achillas Ch., Moussiopoulos N., Karagiannidis A., Banias G., Perkoulidis G. (2012), Use of multi-criteria decision analysis to tackle waste management problems: a literature review, *Waste Management & Research* **31** (2), 115-129.
21. Antonopoulos I.-S., Perkoulidis G., Logothetis D. and Karkanias C. (2014), Ranking municipal solid waste treatment alternatives considering sustainability criteria using the analytical hierarchical process tool, *Resources, Conservation and Recycling, Recycling* **86**, 149-159.
22. Antonopoulos I.-S., Karagiannidis A., Tsatsarelis T., Perkoulidis G. and Ch. Achillas (2014), Waste to energy strategies in Sparta municipality in the context of life cycle, *A Glance at the World* (Edited by Giulia Cerminara), *Waste Management* **34**, 711-713.
23. Karkanias C., Perkoulidis G., Grigoriadis N., Stafylas S., Dagdilelis E., Feleki E., Moussiopoulos N. (2014), Assessing recycling potential in local level: the case of Neapoli-Sykies municipality, Greece, *Fresenius Environmental Bulletin*, (23), 2884-2889.
24. Perkoulidis G., Kasampalis T., Karagiannidis L. and Moussiopoulos N. (2015), Development of Waste-to-Energy Plants Database for Evaluating the Efficiency of Energy Recovery from Waste in Europe, *Waste Biomass Valorization* **6**, DOI: 10.1007/s12649-015-9397-9, ISSN 1877-2641, Springer Science+Business Media Dordrecht.

#### **Annex II: Contribution in Conference Proceedings**

1. Perkoulidis G., Karagiannidis A. and Moussiopoulos N. (1998) 'Spreadsheet modelling of solid waste management', in *Restoration and Protection of the Environment IV*, 1-4 July, Chalkidiki(Sani)/Greece, Proceedings (editors: K.L. Katsifarakis, G.P. Korfiatis, Y.A. Mylopoulos and A.C. Demetracopoulos, Thema and V. Bouris Publications), **Vol. 2**, pp. 628-634 (oral presentation).
2. Perkoulidis G., Karagiannidis A. and Moussiopoulos N. (1999) 'Location-allocation modelling and multicriterial analysis in optimizing solid waste management: Applying the PROMETHE method in Central Macedonia', in: *HELECO 1999*, 3-6 June, Athens/Greece, Proceedings (editors: Technical Chamber of Greece, published by S&P Advertising), **Vol II**, pp. 179-186 (in Greek, oral presentation).
3. Karagiannidis A., Perkoulidis G. and Moussiopoulos N. (1999) 'Applying AHP for the selection of optimal location policy for municipal solid waste management facilities', in: *5<sup>th</sup> International Conference of the Decision Sciences Institute (DSI99)*, 4-7 July, Athens/Greece, Proceedings (editors: D. Despotis and C. Zopounidis), **Vol. II**, pp. 1320-1322 (oral presentation).
4. Perkoulidis G., Karagiannidis A. and Moussiopoulos N. (1999) 'Modelling waste-tire management with emphasis on energy-recovery logistics', in: *6<sup>th</sup> International Conference of Environmental Science and Technology*, 30 August - 2 September, Samos/Greece, Proceedings (editor: T.D. Lekkas, published by University of the Aegean and Global Nest, ISSN: 1106-5516), **Vol. A**, pp. 290-297 (oral presentation).
5. Perkoulidis G., Karagiannidis A. and Moussiopoulos N. (1999) 'Investigating the potential of thermal treatment of urban solid wastes through a location-allocation model and multicriterial analysis for the region of East Macedonia – Thrace', in: *6<sup>th</sup> National Congress on Renewable Energy Sources*, 8-11 November, Volos/Greece, Proceedings (editors: Solar Technology Institute), **Vol. A**, pp. 539-547 (in Greek, oral presentation).
6. Perkoulidis G., Karagiannidis A. and Moussiopoulos N. (2000) 'Investigation of inter-prefectural collaboration schemes for municipal solid waste management', in: *Restoration and Protection of the Environment V*, July, Thassos/Greece, Proceedings (editors: Solar Technology Institute), **Vol. 2**, pp. 827-834 (oral presentation).

7. Salonikidou A., Karagiannidis A., Perkoulidis G. and Moussiopoulos N. (2001) 'A high-spatial-resolution estimation of produced quantities of urban solid wastes', in: *7<sup>th</sup> International Conference of Environmental Science and Technology*, 3-6 September, Syros/Greece, Proceedings (editor: T.D. Lekkas, published by University of the Aegean and Global Nest, ISSN: 1106-5516), Vol B, pp. 768-774 (oral presentation).
8. Moussiopoulos N., Karagiannidis A., Behl M. and Perkoulidis G. (2002) 'Landfill mining: Experiences and prospects', in: *1<sup>st</sup> National Conference of the Hellenic Solid Waste Management Association*, 28 February - 1 March, Athens/Greece, Electronic proceedings in: <http://eedsa.duth.gr> (in Greek, oral presentation).
9. Karagiannidis A., Moussiopoulos N., Panagiotakopoulos C. and Perkoulidis G. (2002) 'Locating facilities for the treatment and disposal of solid wastes: A review of the current literature', in: *1<sup>st</sup> National Conference of the Hellenic Solid Waste Management Association*, 28 February - 1 March, Athens/Greece, Electronic proceedings in: <http://eedsa.duth.gr> (in Greek, oral presentation).
10. Moussiopoulos N., Samaras Z., Kouimtzis T., Karagiannidis A., Voutsas D., Perkoulidis G., Koufodimos G. and Kouras T. (2002) 'Sampling, field works and laboratory analyses in the frame of an integrated investigation of municipal solid waste management in Thessaloniki', in: *1<sup>st</sup> Environmental Congress of Macedonia*, 1-4 March, Thessaloniki/Greece, Proceedings (editor: K. Nikolaou) pp. 206-212 (oral p
11. Karagiannidis A., Xirogiannopoulou A., Perkoulidis G., Salonikidou A. and Moussiopoulos N. (2002) 'Assessment of the collection of urban solid wastes', in: *Restoration and Protection of the Environment VI*, 1-5 July, Skiathos/Greece, Proceedings (editors: A.G. Kungolos, A.B. Liakopoulos, G.P. Korfiatis, A.D. Koutsospyros, K.L. Katsifarakis and A.D. Demetracopoulos, ISBN: 960-86574-3-1), Vol. II, pp. 945-952 (oral presentation).
12. Karagiannidis A., Perkoulidis G., Moussiopoulos N. and Tantsis G. (2002) 'An innovative system of chambers for the collection and compression of solid wastes', in: *7<sup>th</sup> National Congress on Renewable Energy Sources*, 6-8 November, Patras/Greece, **Vol. B**, pp. 219-226 (in Greek, oral presentation).
13. 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', in: *International Conference on Environment, Locational Decisions and Regional Planning Proceedings*, 5-9 September, Shillong/India, Proceedings (editors: S. Singh, D.K. Nayak and B.S. Mipun), pp. 9-26.
14. Karagiannidis A., Papadopoulos A., Tsatsarelis T. and Perkoulidis G. (2002) 'HELCARE: A forum for the management of wastes from electronic equipment in Greece', in: *CARE Innovation 2002, 4<sup>th</sup> International Symposium, Brokerage Event and Environmental Exhibition*, 25-28 November, Vienna (Austria Center)/Austria, Electronic proceedings in CD-ROM (editor: B. Kopacek and the International (S)CARE Electronics Office) (oral presentation).
15. Karagiannidis A., Papadopoulos A., Perkoulidis G., Tsatsarelis T., Moussiopoulos N. and Kyrkitsos P. (2002) 'WEEE management in Greece: Status quo, challenges and initiatives', in: *CARE Innovation 2002, 4<sup>th</sup> International Symposium, Brokerage Event and Environmental Exhibition*, 25-28 November, Vienna (Austria Center)/Austria, Electronic proceedings in CD-ROM (editor: B. Kopacek and the International (S)CARE Electronics Office) (poster presentation).
16. Karagiannidis A., Papadopoulos A., Perkoulidis G., Tsatsarelis T. and Moussiopoulos N. (2003) 'Developing a virtual network for life-cycle analysis of post-consumer electronics', in: *HELECO 2003*, 30 January - 2 February, Athens/Greece, Proceedings (editors: Technical Chamber of Greece), Vol. II, pp. 284-291 (oral presentation).
17. Moussiopoulos N., Karagiannidis A., Theodoseli M., Perkoulidis G., Chrysochoou M. and Salonikidou A. (2003) 'On the effects in urban air quality from open burning of residual solid wastes in uncontrolled landfills' in: *4<sup>th</sup> International Conference on Urban Air Quality Measurement, Modelling and Management*, 25-27 March, Prague(Charles University)/Czech Republic, Proceedings (editors: S. Sokhi and J. Brechler, published by University of Herfordshire, ISBN: 0750309547), pp. 178-181 (poster presentation).
18. Karagiannidis A., Papadopoulos A., Moussiopoulos N., Perkoulidis G., Tsatsarelis T. and Michalopoulos A. (2003) 'Characteristics of wastes from electric and electronic equipment in Greece: Results of a field survey', in: *8<sup>th</sup> International Conference of Environmental Science and Technology*, 8-10 September, Lemnos/Greece, Proceedings (editor: T.D. Lekkas, published by University of the Aegean and Global Nest, ISSN: 1106-5516), pp. 353-360 (oral presentation).
19. Karagiannidis A., Moussiopoulos N., Diamantopoulos G., Kaggelidis K. and Perkoulidis G. (2003) 'Simulation modelling software for integrated solid waste management at regional level', in: *8<sup>th</sup> International Conference of Environmental Science and Technology*, 8-10 September, Lemnos/Greece, Proceedings (editor: T.D. Lekkas, published by University of the Aegean and Global Nest, ISSN: 1106-5516), pp. 346-352 (poster presentation).
20. Karagiannidis A., Pardali S., Perkoulidis G. and Papadopoulos A. (2004) 'Optimizing the routing of collection trucks for urban solid wastes in a Greek Municipality', in: *CORS / INFORMS Joint International Meeting*, 16-19 May, Banff/Canada, Book of Abstracts (editor: E. Erkut), p. 20, paper Nr 2 in session SB12 (oral presentation).
21. Karagiannidis A., Xirogiannopoulou A., Chrysochoou M. and Perkoulidis G. (2004) 'Modelling the annoyance and convenience for citizens caused by mixed solid waste collection bins', in: *Restoration and Protection of the Environment VII*, 28 June - 1 July,

- Mykonos/Greece, Electronic proceedings in CD-ROM (editors: C. Moutzouris, C. Christodoulatos, D. Dermatas, A.D. Koutsospyros, C. Skanavis and A. Stamou), paper Nr 28 (oral presentation).
22. Karagiannidis A., Erkut E., Pardali S., Perkoulidis G. and Tjandra S. (2004) 'A multicriteria facility location model for municipal solid waste', in: *EURO XX*, 4-7 July, Rhodes/Greece, Book of Abstracts (editor: I. Siskos), paper ID: 1683, p. 49 (oral presentation).
  23. Erkut E., Karagiannidis A., Perkoulidis G. and Tjandra S. (2005) 'Optimization of regional management of municipal solid waste: A modeling approach with application', in: *HELECO 2005*, 3-6 February, Athens/Greece, Electronic proceedings in CD-ROM (editors: Technical Chamber of Greece), paper Nr O-C.326 (oral presentation).
  24. Karagiannidis A., Erkut E., Xirogiannopoulou A. and Perkoulidis G. (2005) 'On social issues related to municipal solid waste: Modeling public annoyance and convenience from temporary storage containers', in: *1<sup>st</sup> International Conference on WASTE: THE SOCIAL CONTEXT*, 11-14 May, Edmonton/Canada, Electronic proceedings in CD-ROM (editors: Edmonton Waste Management Centre of Excellence), pp. 310-318 (oral presentation).
  25. 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', in: *12<sup>th</sup> International Symposium on Toxicity Assessment*, 12-17 June, Skiathos/Greece, Book of Abstracts (editor: A. Kungolos, Grafima Publications, ISBN 960-8806-6-3), p. 177 (oral presentation).
  26. 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', in: *12<sup>th</sup> International Symposium on Toxicity Assessment*, 12-17 June, Skiathos/Greece, Book of Abstracts (editor: A. Kungolos, Grafima Publications, ISBN 960-8806-6-3), p. 107 (poster presentation).
  27. Moussiopoulos N., Achillas H., Avramidis A., Boudouvas D., Giama E., Karagiannidis A., Papadopoulos A., 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', in: *9<sup>th</sup> International Conference of Environmental Science and Technology*, 1-3 September, Rhodes/Greece, Electronic proceedings in CD-ROM (editor: T.D. Lekkas), pp. A1032-1037 (oral presentation).
  28. Tsatsarelis T., 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', in: *9<sup>th</sup> International Conference of Environmental Science and Technology*, 1-3 September, Rhodes/Greece, Electronic proceedings in CD-ROM (editor: T.D. Lekkas), pp. A1477-1482 (oral presentation).
  29. Moussiopoulos N., Achillas H., Avramidis A., Boudouvas D., Giama E., Karagiannidis A., Papadopoulos A., 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', in: *13<sup>th</sup> International Symposium of MESAEP on Environmental Pollution and its Impact on Life in the Mediterranean Region*, 8-12 October, Thessaloniki/Greece, Book of Abstracts (editor: K. Nikolaou, printed by: Schema & Chroma, ISBN: 960-88839-0-3), p. 166 (oral presentation).
  30. Moussiopoulos N., Achillas H., Avramidis A., Boudouvas D., Giama E., Karagiannidis A., Papadopoulos A., 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', in: *Transport 2005, International Conference*, 10-11 November, Sofia/Bulgaria (oral presentation).
  31. Tsatsarelis T., Karagiannidis A. and Perkoulidis G. (2006) 'Dump sites in the Thessaloniki prefecture: Registration, classification and rehabilitation strategies', in: *Conference of Aristotle University's Environmental Council on the contribution of the Aristotle University to the Thessaloniki environment*, 1-4 June, Thessaloniki/Greece, Proceedings (editors: A. Nastis and S. Tsiouris, Zitis publications), pp. 242-248 (oral presentation, in Hellenic with English abstract).
  32. Karagiannidis A., Moussiopoulos N. and Perkoulidis G. (2006) 'An intra-building IT system for paper recycling in the campus of the Aristotle University', in: *Conference of Aristotle University's Environmental Council on the contribution of the Aristotle University to the Thessaloniki environment*, 1-4 June, Thessaloniki/Greece, Proceedings (editors: A. Nastis and S. Tsiouris, Zitis publications), pp. 220-226 (oral presentation, in Hellenic with English abstract).
  33. Karagiannidis A., Moussiopoulos N., Xirogiannopoulou A. and Perkoulidis G. (2006) 'Municipal solid waste collection optimization through GIS', in: *Conference of Aristotle University's Environmental Council on the contribution of the Aristotle University to the Thessaloniki environment*, 1-4 June, Thessaloniki/Greece, Proceedings (editors: A. Nastis and S. Tsiouris, Zitis publications), pp. 227-233 (oral presentation, in Hellenic with English abstract).
  34. Tsatsarelis T., Karagiannidis A., Moussiopoulos N. and Perkoulidis G. (2006) 'Technologies of landfill gas management and utilization', in: *Restoration and Protection of the Environment VIII*, 3-7 July, Chania/Greece, Electronic proceedings in CD-ROM (editors: E. Gidaracos, N. Nikolaidis and C. Christodoulatos), P212, pp. 405-406 in abstract book (oral presentation).
  35. Poullos K., Perkoulidis G., Karagiannidis A. and Papachristou E. (2006) 'WEEE management and the option of disassembly', in: *Restoration and Protection of the Environment VIII*, 3-7 July, Chania/Greece, Electronic proceedings in CD-ROM (editors: E. Gidaracos, N. Nikolaidis and C. Christodoulatos), P366, pp. 689-690 in abstract book (oral presentation).
  36. Kouimtzi T., Karagiannidis A., Antonopoulos I., Tsatsarelis T. and Perkoulidis G. (2006) 'Field survey, statistical analysis of characteristics and risk assessment of open dumps in the Hellenic prefecture of Laconia', in: *Restoration and Protection of the*

*Environment VIII*, 3-7 July, Chania/Greece, Electronic proceedings in CD-ROM (editors: E. Gidarakos, N. Nikolaidis and C. Christodoulatos), P011, pp. 37-38 in abstract book (oral presentation).

37. Tsatsarelis T., Karagiannidis A. and Perkoulidis G. (2006) 'Berechnung des Methanpotenzials im Biogas der neuen geordneten Deponien Griechenlands', in: *5<sup>th</sup> Tagung 'Anaerobe biologische Abfallbehandlung'*, 27-28 September, Dresden/Germany, Proceedings (eds: B. Bilitewski, P. Werner, R. Stegmann, G. Rettenberger and M. Faulstich, ISBN: 978-3-934253-39-1), pp. 232-245 (oral presentation, in German).
38. 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', in: *21<sup>st</sup> European Conference for ESRI Users*, 6-8 November, Athens/Greece, Electronic proceedings in CD-ROM (editor: Marathon Data Systems), track 'Environment and Natural Resources', (oral presentation).
39. Tsatsarelis T., 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', in: *21<sup>st</sup> European Conference for ESRI Users*, 6-8 November, Athens/Greece, Electronic proceedings in CD-ROM (editor: Marathon Data Systems), track 'Cadastre-National Mapping', (oral presentation).
40. Karagiannidis A., Perkoulidis G. and Malamakis A. (2006) 'Development of a methodology for the evaluation of different municipal solid waste anaerobic digestion technologies', in: *1<sup>st</sup> Venice Biomass and Waste-to-Energy Symposium*, 29 November - 1 December, Venice/Italy, Electronic proceedings in CD-ROM (editor: Eurowaste), (poster presentation).
41. Karagiannidis A., Kasampalis T., Antonopoulos I., Perkoulidis G. and Zabaniotou A. (2008) 'Resource recovery from end-of-life tires in Greece: A field survey, state-of-the-art and trends', in: *Restoration and Protection of the Environment IX*, 29 June - 3 July, Kefallonia/Greece, Electronic proceedings in CD-ROM (editors: G. Lyberatos and C. Christodoulatos), (oral presentation).
42. Kotsopoulos T., Karagiannidis A., Martzopoulos G. and Perkoulidis G. (2008) 'Biomethane potential from cattle and pig wastes in Greece', in: *6<sup>th</sup> Fachtagung 'Anaerobe biologische Abfallbehandlung'*, 23-24 September, Dresden/Germany, Proceedings (editors: B. Bilitewski, P. Werner, C. Dornack, R. Stegmann, G. Rettenberger, M. Faulstich and M. Wittmaier), pp. 133-140 (oral presentation).
43. Papachristou E., Karagiannidis A., Poullos K., Perkoulidis G. and Antonopoulos I. (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', in: *NEWA Conference 'Reliable data for waste management'*, 25-26 September, Vienna/Austria (poster presentation).
44. 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.
45. 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.
46. 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.
47. 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.
48. 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.
49. 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.
50. 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.

51. 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.
52. 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.
53. 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.
54. 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.
55. 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.
56. 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.
57. 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.
58. 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.
59. 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.
60. 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.
61. Kasampalis T., Perkoulidis G. and Karagiannidis A., (2012), Utilisation of EOL-tires in road construction and maintenance, RISKCYCLE Conference, May 8.-9, Dresden, Germany.
62. Kasampalis T., Perkoulidis G., Bikos Ch., and Karagiannidis A., 2012, Sensitivity analysis of financial and logistics costs using rubberised bitumen on road construction, Protection & Restoration of the Environment XI (PRE XI), Thessaloniki, Greece, 3-6 July.
63. Antonopoulos I.-S., Karagiannidis A., Tsatsarelis T., Perkoulidis G. and Zouboulis A., 2012, Waste management in Peloponnese Region: A critical analysis in the frame of Life Cycle Assessment, WasteEng 2012, 4th International Conference on Engineering for Waste and Biomass Valorisation, Porto, Portugal, 10-13 September.
64. Antonopoulos I.S., Gkouletsos A., Karagiannidis A., Perkoulidis G., Achillas Ch. (2012), Modelling of a downdraft gasifier fed by agricultural residues. 4th International Symposium on energy from biomass and waste, San Servolo, Venice, Italy, 12-15 November.
65. Antonopoulos I.S., Karagiannidis A., Tsatsarelis Th., Perkoulidis G., Achillas Ch. (2012), Waste to Energy strategies in Sparta Municipality in the context of Life Cycle Approach, 4th International Symposium on energy from biomass and waste, San Servolo, Venice, Italy, 12-15 November.
66. Antonopoulos I.S., Karagiannidis A., Tsatsarelis Th., Perkoulidis G., Achillas Ch. (2012), Waste to Energy strategies in Sparta Municipality in the context of Life Cycle Approach. 4th International Symposium on energy from biomass and waste, San Servolo, Venice, Italy, 12-15 November.
67. 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 end-of-life tires in Greece, 4th



International Conference on "solid waste management in crisis: new challenges and perspectives", 30 November-1 December 2012, Athens, Greece.

68. Kasampalis T., Perkoulidis G., Bikos Ch., and Karagiannidis A. (2012), Sensitivity analysis of financial and logistics costs using rubberised bitumen on road construction, Protection & Restoration of the Environment XI (PRE XI), Thessaloniki, Greece, 3-6 July.
69. Perkoulidis G., Karkanias C., Rossios D. and Moussiopoulos N. (2013), A decision support tool for sustainable municipal solid waste storage, discharge and collection services in crisis affected countries, Venice Symposium 2014.
70. Karkanias C., Perkoulidis G., Karagiannidis A. (2013), A methodology for encouraging recycling in local level: the case of Neapoli-Sykies municipality, Hellas, Proceedings of the 4th International Conference on Environmental Management, Engineering Planning and Economics (CEMEPE 2013) & COCOTOX Conference, Myconos island, Greece, 24-28 June.
71. Karagiannidis A., Perkoulidis G. and Antonopoulos I.-S. (2013), Municipal waste management, treatment and disposal facilities in Greece: Presentation of current situation and perspectives in the middle of the ongoing financial crisis, Waste-to-Resources 2013, 5th International Symposium MBT & MRF, Hanover, Germany, 11-14 June.
72. Baniyas G., Achillas Ch., Vlachokostas Ch., Perkoulidis G., Moussiopoulos N., Roidi P. (2014) Environmental impact of alternative construction and demolition waste management practices: A life cycle analysis approach, The International Conference on Industrial and Hazardous Waste Management, CRETE 2014, Chania. 2-5 September.
73. Rosios D., Karkanias Ch., Malamakis A., Logothetis D., Perkoulidis G. and Moussiopoulos N. (2015), Determining Optimum Urban Solid Waste Collection Frequency and Schedule through the Development and Implementation of a Green Logistics Model, 1st International Conference on Agrifood Supply Chain Management & Green Logistics, May 27-30, Porto Carras Grand Resort, Halkidiki, Greece.
74. Perkoulidis G., Malamakis A., Tsatsarelis, Antonopoulos I. Moussiopoulos N. (2015), History of dump sites in Greece: Integrated tools and methods for their registration, Athens 2015 International Landfill Mining Conference, Athens, September 24-25, 2015.