

Dates	March 2003 – present
Occupation or position held	Senior Researcher
Main activities and responsibilities	<ul style="list-style-type: none"> ▪ Participation in European and Hellenic Research Projects ▪ Participation in educational and laboratory activities of the Laboratory of Heat Transfer and Environmental Engineering ▪ Teaching Assistant in the following modules: Heat Transfer (5th semester), Environmental Protection Engineering (8th semester), Mechanical Engineering Department, Aristotle University Thessaloniki ▪ Supervisor of diploma theses ▪ Expertise in proposal submissions under various national and European research programmes (e.g. Horizon 2020, FP7, FP6, INTERREG, LIFE+)
Name and address of employer	Aristotle University Thessaloniki, Department of Mechanical Engineering, Laboratory of Heat Transfer and Environmental Engineering, GR 54124, Thessaloniki, Greece
Type of business or sector	Academia Research
Dates	May 2011 – December 2017
Occupation or position held	Academic Coordinator – Senior Researcher
Main activities and responsibilities	<ul style="list-style-type: none"> ▪ Academic coordination of 10 SEBALS postgraduate courses; Executive MBA, MSc in Management, MSc in Banking & Finance, MSc in Environmental Management and Sustainability, MSc in Strategic Product Design, MSc in International Accounting, Auditing, and Financial Management, LL.M in Transnational and European Commercial Law, Mediation, Arbitration and Energy Law, MA in Art, Law and Economy, MSc in Energy Law and Economics, Regulation and Policy, MSc in Hospitality and Tourism Management (March 2015 – today) ▪ Coordination of postgraduate courses “MSc in Strategic Product Design” and “MSc in Sustainable Development” (March 2014 – February 2015) ▪ Coordination of postgraduate course “MSc in Strategic Product Design” (May 2011 – March 2014) ▪ Teaching of “Project Management” module in postgraduate course “MSc in Strategic Product Design” (30 hours), “MSc in Management”, “MSc in Hospitality and Tourism Management” and “MSc in Banking and Finance” (16 hours) ▪ Participation in educational and laboratory activities of the School of Economics & Business Administration at the International Hellenic University ▪ Proposal submissions for participation in European and Hellenic Research Programmes
Name and address of employer	International Hellenic University, School of Economics, Business Administration & Legal Studies, GR 57001, Thessaloniki, Greece
Type of business or sector	Academia
Dates	March - June 2015 , March - June 2016
Occupation or position held	Visiting Lecturer
Main activities and responsibilities	<ul style="list-style-type: none"> ▪ Teaching module “Supply Chain Management” (MSc in Logistics)
Name and address of employer	Technological Educational Institute of Central Macedonia, Branch of Katerini, Department of Logistics, GR 60100, Katerini, Greece
Type of business or sector	Academia
Dates	October 2013 - February 2014
Occupation or position held	Visiting Lecturer
Main activities and responsibilities	<ul style="list-style-type: none"> ▪ Teaching module “Supply Chain Management” (3rd semester)
Name and address of employer	Technological Educational Institute of Central Macedonia, Department of Logistics, GR 60100, Katerini, Greece
Type of business or sector	Academia

Dates	March - June 2011, October 2011 - February 2012, October 2012 – July 2013
Occupation or position held	Visiting Lecturer
Main activities and responsibilities	<ul style="list-style-type: none"> ▪ Teaching module “Supply Chain Management” (5th semester)
Name and address of employer	Alexander Technological Educational Institute, Department of Logistics, GR 60100, Katerini, Greece
Type of business or sector	Academia
Dates	February 2012 – December 2013
Occupation or position held	Visiting Lecturer
Main activities and responsibilities	<ul style="list-style-type: none"> ▪ Teaching in seminar “Building Energy Efficiency”
Name and address of employers	KEK Thalys, Katerini, Greece KEK KAELE, Alexandria, Greece KEK EKPA, Thessaloniki, Greece KEK EKPA, Lagadas, Greece KEK IDEA, Thessaloniki, Greece
Type of business or sector	Academia
Dates	November 2013 – June 2016
Occupation or position held	Manager
Main activities and responsibilities	Environmental Engineering, Environmental Informatics
Name and address of employer	Meco P.C., Technopolis ICT Business Park, Box 60756, GR 57001, Themi, Greece
Type of business or sector	Research & Development
Dates	February 2014 - present
Occupation or position held	Partner
Main activities and responsibilities	Consulting
Name and address of employer	Engineers for Business (EfB) S.A., Doiranis 17, GR 54639, Thessaloniki, Greece
Type of business or sector	Research & Development
Dates	September 1999 – December 2017
Occupation or position held	Mechanical Engineer
Main activities and responsibilities	Private and Public Works-Construction licenses, Building Construction studies, Environmental Impact Assessment studies
Name and address of employer	Self-employed, 114 K. Karamanli ave., GR 54248, Thessaloniki, Greece
Type of business or sector	Construction
Dates	September 1999 - September 2000
Occupation or position held	Mechanical Engineer
Main activities and responsibilities	Private and Public Works-Construction licenses, Building Construction studies
Name and address of employer	Roptron Technical Company, 45 Karakasi str., GR 54248, Thessaloniki, Greece
Type of business or sector	Construction
Dates	April 1998 - September 1999
Occupation or position held	Student - Mechanical Engineering
Main activities and responsibilities	Maintenance audits in 15 Greek industries in the framework of the dissertation for the Diploma in Mechanical Engineering
Name and address of employer	-
Type of business or sector	Academia

Dates	July - August 1997
Occupation or position held	Mechanical Engineer Trainee
Main activities and responsibilities	Designing of heat exchangers and pressure vessels, Pipelines isometric designs
Name and address of employer	Hellenic Petroleum - Department of Mechanical Maintenance, Box 100 44, GR 54110, Thessaloniki, Greece
Type of business or sector	Industry

Education and training

Dates	2011 - 2012
Title of qualification awarded	Post-doctorate research (State Scholarship Foundation's scholarship)
Principal subjects/occupational skills covered	Development of environmental tools for the optimal decision making for the integrated management of Waste Electrical and Electronic Equipment
Name and type of organization providing education and training	Mechanical Engineering Department, Aristotle University Thessaloniki, Greece
Dates	2003 - 2009
Title of qualification awarded	Doctorate
Principal subjects/occupational skills covered	End of life management of industrial products based on environmental and economic criteria Optimisation of the reverse supply chain network
Name and type of organization providing education and training	Mechanical Engineering Department, Aristotle University Thessaloniki, Greece
Dates	2000 - 2001
Title of qualification awarded	MSc Engineering Project Management (with Distinction)
Principal subjects/occupational skills covered	Project Management - Structural Engineering
Name and type of organization providing education and training	U.M.I.S.T., Manchester, U.K.
Dates	1994 - 1999
Title of qualification awarded	Diploma in Mechanical Engineering (Equivalent to MSc)
Principal subjects/occupational skills covered	Mechanical Engineering
Name and type of organization providing education and training	Mechanical Engineering Department, Aristotle University Thessaloniki, Greece

Personal skills and competences

Mother tongue **Greek**

Other languages

Self-assessment

European level ()*

English

German

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(*) *Common European Framework of Reference for Languages*

Driving license Category B

Additional information

- | | |
|--------------------------------|--|
| Memberships: | <ul style="list-style-type: none"> ▪ Technical Chamber of Greece (March 2000) ▪ The University of Manchester Alumni (April 2002) ▪ Association of Mechanical & Electrical Engineers of Northern Greece (May 2003) ▪ Hellenic Association of Mechanical & Electrical Engineers (December 2005) ▪ Alumni of the Aristotle University Thessaloniki Polytechnic School (December 2007) ▪ Greek Association of Supply Chain Management (February 2012) ▪ Record of energy inspectors - Ministry of Environment, Energy and Climate Change (December 2013) ▪ Union of Hellenic Scientists for Prototypation and Standardization - ENEPROT (May 2015) |
| Committees: | <ul style="list-style-type: none"> ▪ Environmental Committee of the Technical Chamber of Greece/Section of Central Macedonia (2007-2014) ▪ Evaluation Committee of the Regional Operational Programme "Strengthening the Competitiveness and Innovation of Small and Medium-sized enterprises (SMEs) that activate in the sectors of trade and services, with the exception of tourist accommodation" – Hellenic Ministry of Economy and Finance (2007-2008) ▪ Public works awarding Committee as a representative of the Technical Chamber of Greece (2008-today) ▪ Evaluation Committee of the Operational Programme for Competitiveness and Entrepreneurship "Manufacturing" – Hellenic Ministry of Regional Development and Competitiveness (2011) ▪ Evaluation Committee of the Operational Programme for Competitiveness and Entrepreneurship "Sustainable tourism" - Hellenic Ministry of Culture and Tourism (2011) ▪ Evaluation Committee of the Operational Programme for Competitiveness and Entrepreneurship "Innovative Entrepreneurship" - Hellenic Ministry of Economy, Competitiveness and Shipping (2012) ▪ Evaluation Committee of the Operational Programme for Competitiveness and Entrepreneurship "Alternative tourism" - Hellenic Ministry of Culture and Tourism (2012) ▪ Evaluation Committee of the Operational Programme for Competitiveness and Entrepreneurship "Strengthening the Competitiveness of Small and Medium-sized enterprises (SMEs) that activate in the sectors of manufacturing, tourism, trade and services" - Hellenic Ministry of Development & Competitiveness (2013) ▪ Evaluation Committee of the Operational Programme for Competitiveness and Entrepreneurship "Extraversion - Competitiveness of Enterprises (II)" - Hellenic Ministry of Development, Competitiveness, Infrastructure, Transport and Networks (2013) ▪ Member of the Board of Directors of the Greek Association of Supply Chain Management (2014-today) ▪ Evaluation Committee of the Erasmus+ 2014-2020 – Youth Programme (2014-today) ▪ Member of the EU Technical Working Group for the EMAS Sectoral Reference Document on Best Environmental Management Practices for the Electrical and Electronic Equipment Manufacturing Sector (2015) |
| Distinctions: | <ul style="list-style-type: none"> ▪ Scholarship from Greek State Scholarships Foundation for post-doctorate studies in Mechanical Engineering, February 2011 - January 2012 ▪ Second highest grade at the postgraduate course "MSc Engineering Project Management" of U.M.I.S.T. university, Manchester, U.K., September 2001 ▪ Scholarship from Greek State Scholarships Foundation for achieving the highest grades in Panhellenic examinations for entering Greek universities (Aristotle University Thessaloniki, Department of Mechanical Engineering), September 1994 (Grades: Mathematics 160/160, Physics 158/160, Chemistry 125/160, Co Essay writing 142/160) |
| Member of Book Editorial Board | <ul style="list-style-type: none"> ▪ Outsourcing Management for Supply Chain Operations and Logistics Services, IGI Global, August 2012 ▪ Green Supply Chain Management, Taylor and Francis (in process) |

Member of Conference Organising Committees	<ul style="list-style-type: none"> ▪ 2nd International Exergy, Life Cycle Assessment, and Sustainability Workshop & Symposium (ELCAS-2), Nisyros, Greece, 19-21 June 2011 ▪ 1st Southeast European Congress on Supply Chain Management, Thessaloniki, Greece, 11-12 November 2011 ▪ 2nd Olympus International Conference on Supply Chains, Katerini, Greece, 5-6 October 2012 ▪ 1st Designing Creative Synergies conference, Thessaloniki, Greece, 18 May 2013 ▪ 2nd Designing Creative Synergies conference, Thessaloniki, Greece, 28 April 2014 ▪ 2nd Technology Forum, Thessaloniki, Greece, 8 May 2015 ▪ 1st International Conference on Sustainable Development, Thessaloniki, Greece, 16 May 2015 ▪ 3rd Olympus International Conference on Supply Chains, Athens, Greece, 7-8 November 2015 ▪ 3rd Designing Creative Synergies conference, Thessaloniki, Greece, 21-22 March 2016 ▪ 3rd Technology Forum, Thessaloniki, Greece, 18 May 2016 ▪ 2nd International Conference on Sustainable Development, Thessaloniki, Greece, 20-22 May 2016 ▪ Innovative Manufacturing Engineering & Energy International Conference, Kallithea Chalkidiki, Greece, 23-25 September 2016 ▪ 4th Technology Forum, Thessaloniki, Greece, 17 May 2017 ▪ 5th International Exergy, Life Cycle Assessment, and Sustainability Workshop & Symposium (ELCAS-5), Nisyros, Greece, 9-11 June 2017
Reviewer for international scientific environmental journals:	<ul style="list-style-type: none"> ▪ Waste Management ▪ Resources, Conservation & Recycling ▪ Waste Management & Research ▪ Waste and Resource Management ▪ Journal of Cleaner Production ▪ The Journal of Solid Waste Technology and Management ▪ Environmental Engineering and Management Journal ▪ Transportation Research Part D: Transport and Environment ▪ Landscape and Urban Planning ▪ Environment, Development and Sustainability ▪ Scientific Research and Essays ▪ Environmental Engineering and Management Journal ▪ Journal of Sustainable Development ▪ Sustainability - Open Access Journal ▪ Agricultural Engineering International: CIGR Journal ▪ Journal of Simulation ▪ Journal of Intelligent Manufacturing ▪ International Journal of Multicriteria Decision Making ▪ Journal of Humanitarian Logistics and Supply Chain Management
Paper awards:	<ul style="list-style-type: none"> ▪ Top five most downloaded papers in 2012: Moussiopoulos N., Achillas Ch., Vlachokostas Ch., Spyridi D., Nikolaou K., 2010. Environmental, social and economic information management for the evaluation of sustainability in urban areas: A system of indicators for Thessaloniki, Greece. <i>Cities</i>, Volume 27, pp 377-384. ▪ Top five most downloaded papers in 2013: Achillas Ch., Moussiopoulos N., Karagiannidis A., Baniyas G., Perkoulidis G., 2013. Use of multi-criteria decision analysis to tackle waste management problems: A literature review. <i>Waste Management & Research</i>, Volume 31, Issue 2, pp 115-129.
Computer skills:	<ul style="list-style-type: none"> ▪ Windows, MS Office, SPSS, Visio, AutoCAD, SimaPro (LCA software), CorelDraw, What's Best, ELECTRE III (Multicriteria Analysis software)

Seminars:	<ul style="list-style-type: none">▪ June-July 2012: Buildings' Energy Auditing (60 hours) - KAELE▪ December 2010: "Energy building design in accordance with the Hellenic Regulation for Energy Efficiency" (25 hours) - Technical Chamber of Greece▪ November 2009: "Business and development opportunities in European Commission's External Cooperation Programmes (Technical Assistance Program - EuropeAid) and the 7th Framework Program (FP7)" (8 hours) - PLAS▪ June 2005: "Logistics and Supply Chain Management" (25 hours) - Technical Chamber of Greece▪ February 2004: "Online training in the Technique of Benchmarking" (12 hours) - South-eastern Europe Telecommunications and Informatics Research Institute (INA)▪ May 2000 - October 2000: "Consultancy for the Development and Management of Information Systems for Small and Medium-Sized Enterprises" (400 hours) – KEK EDIP
Social work:	<ul style="list-style-type: none">▪ Volunteer at the 28th Olympic Games - Athens 2004 (2004)▪ Voluntary participation in the "Ecomobility - Ecological movement" program of the non-profit organisation "ecocity" (2008 - present)
Interests:	<ul style="list-style-type: none">▪ Study (Environment, Sustainable Development, Innovations, Energy, New Technologies, Operational Research)▪ Sports (Trail running, cycling, swimming)▪ Travels
Annexes	<ul style="list-style-type: none">▪ Publications▪ Participation in Conferences▪ Participation in Research Projects

List of Publications

Papers in Journals

1. Iakovou E., Moussiopoulos N., Xanthopoulos A., **Achillas Ch.**, Michailidis N., Chatzipanagioti M., Koroneos C., Bouzakis K.-D., Kikis V., 2009. A methodological framework for end-of-life management of electronic products. *Resources, Conservation and Recycling*, Volume 53, pp 329-339.
2. Vlachokostas Ch., **Achillas Ch.**, Moussiopoulos N., Hourdakis E., Tsilingiridis G., Ntziachristos L., Baniias G., Stavrakakis N., Sidiropoulos C., 2009. Decision Support System for the evaluation of urban air pollution control options: Application for particulate pollution in Thessaloniki, Greece. *Science of the Total Environment*, Volume 407, Issue 23, pp 5937-5948.
3. **Achillas Ch.**, Vlachokostas Ch., Moussiopoulos N., Baniias G., 2010. Decision support system for the optimal location of electrical and electronic waste treatment plants. *Waste Management*, Volume 30, Issue 5, pp 870-879.
4. Baniias G., **Achillas Ch.**, Vlachokostas Ch., Moussiopoulos N., Tarsenis S., 2010. Assessing multiple criteria for the optimal location of a construction and demolition waste management facility. *Building and Environment*, Volume 45, Issue 10, pp 2317-2326.
5. Vlachokostas Ch., Nastis S., **Achillas Ch.**, Kalogeropoulos K., Karmiris I., Moussiopoulos N., Chourdakis E., Baniias G., Limperi N., 2010. Economic damages of ozone air pollution to crops using combined air quality and GIS modelling. *Atmospheric Environment*, Volume 44, pp 3352-3361.
6. Moussiopoulos N., **Achillas Ch.**, Vlachokostas Ch., Spyridi D., Nikolaou K., 2010. Environmental, social and economic information management for the evaluation of sustainability in urban areas: A system of indicators for Thessaloniki, Greece. *Cities*, Volume 27, pp 377-384.
7. **Achillas Ch.**, Moussiopoulos N., Karagiannidis A., Vlachokostas Ch., Baniias G., 2010. Promoting reuse strategies for electrical/electronic equipment. *Waste and Resource Management*, Volume 163, Issue WR4, pp 173-182.
8. **Achillas Ch.**, Vlachokostas Ch., Aidonis D., Moussiopoulos N., Iakovou E., Baniias G., 2010. Optimising reverse logistics network to support policy-making in the case of electrical and electronic equipment. *Waste Management*, Volume 30, Issue 12, pp 2592-2600.
9. Vlachokostas Ch., **Achillas Ch.**, Moussiopoulos N., Kalogeropoulos K., Sigalas G., Kalognomou E.-A., Baniias G., 2011. Health effects and social costs of particulate and photochemical air pollution: A case study for Thessaloniki, Greece. *Air Quality, Atmosphere and Health*, Volume 5, Issue 3, pp. 325-334.
10. **Achillas Ch.**, Vlachokostas Ch., Moussiopoulos N., Perkoulidis G., Baniias G., Mastropavlos M., 2011. Electronic waste management cost: A scenario-based analysis for Greece. *Waste Management & Research*, Volume 29, Issue 9, pp 963-972.
11. Vlachokostas Ch., **Achillas Ch.**, Chourdakis E., Moussiopoulos N., 2011. Combining regression analysis and air quality modelling to predict benzene concentration levels. *Atmospheric Environment*, Volume 45, Issue 15, pp 2585-2592.
12. Vlachokostas Ch., **Achillas Ch.**, Slini T., Moussiopoulos N., Baniias G., Dimitrakis I., 2011. Willingness to pay for reducing the risk of premature mortality attributed to air pollution: A contingent valuation study for Greece. *Atmospheric Pollution Research*, Volume 2, Issue 3, pp 275-282.
13. **Achillas Ch.**, Vlachokostas Ch., Moussiopoulos N., Baniias G., 2011. Prioritise strategies to confront environmental deterioration in urban areas: Multicriteria assessment of public opinion and experts' views, *Cities*, Volume 28, pp 414-423.
14. **Achillas Ch.**, Vlachokostas Ch., Moussiopoulos N., Baniias G., Kafetzopoulos G., Karagiannidis A., 2011. Social acceptance for the development of a Waste-to-Energy plant in an urban area: Application for Thessaloniki, Greece. *Resources, Conservation and Recycling*, Volume 55, pp 857-863.
15. Vlachokostas Ch., **Achillas Ch.**, Moussiopoulos N., Baniias G., 2011. Multicriteria methodological approach to confront urban air pollution. *Atmospheric Environment*, Volume 45, pp 4160-4169.
16. Baniias G., **Achillas Ch.**, Vlachokostas Ch., Moussiopoulos N., Papaioannou G., 2011. A web-based decision support system for the optimal management of construction and demolition waste. *Waste Management*, Volume 31, Issue 12, pp 2497-2502.
17. Moussiopoulos N., Karagiannidis A., Papadopoulos A., **Achillas Ch.**, Antonopoulos I., Perkoulidis G., Vlachos D., 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*, Volume 10, Issue 1, pp 70-89.
18. Vlachokostas Ch., **Achillas Ch.**, Michailidou A.V., Moussiopoulos N., 2012. Measuring combined exposure to environmental pressures in urban areas: An air quality and noise pollution assessment approach. *Environment International*, Volume 39, pp 8-17.
19. **Achillas Ch.**, Aidonis D., Vlachokostas Ch., Moussiopoulos N., Baniias G., Triantafyllou D., 2012. A multi-objective decision-making model to select Waste Electrical and Electronic Equipment transportation media. *Resources, Conservation and Recycling*, Volume 66, pp 76-84.
20. **Achillas Ch.**, Aidonis D., Vlachokostas Ch., Folinas D., Moussiopoulos N., 2012. Re-design of industrial products: A multi-objective approach. *Journal of the Operational Research Society*, Volume 64, pp 1336-1346.
21. **Achillas Ch.**, Vlachokostas Ch., Karagiannidis A., Sartzetakis E., Moussiopoulos N., 2012. Willingness to pay for more sustainable e-waste management: A contingent valuation study in Greece. *Economics and Policy of Energy and the Environment*, Issue 3, pp 19-35.
22. **Achillas Ch.**, Moussiopoulos N., Karagiannidis A., Baniias G., Perkoulidis G., 2013. Use of multi-criteria decision analysis to tackle waste management problems: A literature review. *Waste Management & Research*, Volume 31, Issue 2, pp 115-129.
23. **Achillas Ch.**, Vlachokostas Ch., Karagiannidis A., Moussiopoulos N., Loulos V., 2013. Depth of manual dismantling analysis: A cost-benefit approach. *Waste Management*, Volume 33, Issue 4, pp 948-956.

24. Koroneos C., **Achillas Ch.**, Moussiopoulos N., Nanaki E.A., 2013. Life Cycle Thinking in the Use of Natural Resources. *Open Environmental Sciences*, Volume 7, pp 1-6.
25. Vlachokostas Ch., Baniias G., Athanasiadis A., **Achillas Ch.**, Akylas V., Moussiopoulos N., 2014. CENSE: A tool to assess combined exposure to environmental health stressors in urban areas. *Environment International*, Volume 63, pp 1–10.
26. **Achillas Ch.**, Baniias G., Tzetzis D., Kyratsis P., Moussiopoulos N., 2014. Investing in product design education in times of economic crisis. *International Journal of Product Design*, Volume 5, Issue 1, pp 23-41.
27. **Achillas Ch.**, Aidonis D., Folinias D., Moussiopoulos N., Triantafillou D., 2014. Identifying the optimal strategy for suppliers' involvement in product design: A case study. *Agricultural Engineering International: CIGR Journal*, Special issue 2014, pp 30-41.
28. Iakovou E., Vlachos D., **Achillas Ch.**, Anastasiadis F., 2014. Design of sustainable supply chains for the agrifood sector: A holistic research framework. *Agricultural Engineering International: CIGR Journal*, Special issue 2014, pp 1-10.
29. **Achillas Ch.**, Aidonis D., Iakovou E., Thymianidis M., Tzetzis D., 2014. A methodological framework for the inclusion of modern additive manufacturing into the production portfolio of a focused factory. *Journal of Manufacturing Systems*, Volume 37, pp. 328-339.
30. Aidonis D., Folinias D., **Achillas Ch.**, Triantafillou D., Malindretos G., 2014. Multicriteria assessment of policy-makers and experts' views for the prioritization of the agrifood supply chains. *International Journal of Sustainable Agricultural Management and Informatics*, Vol. 1, Issue. 2, pp 106-119.
31. Vlachokostas Ch., Michailidou A.V., Matziris E., **Achillas Ch.**, Moussiopoulos N., 2014. A multiple criteria decision-making approach for selection of tree species in urban environments. *Urban Climate*, Volume 10, Issue 1, pp 105-118.
32. Tsarouhas P., **Achillas Ch.**, Aidonis D., Folinias D., Maslis V., 2015. Life Cycle Assessment of olive oil production in Greece. *Journal of Cleaner Production*, Volume 93, pp 75-83.
33. Michailidou A.V., Vlachokostas Ch., **Achillas Ch.**, Maleka D., Moussiopoulos N., Feleki E., 2016. Green tourism supply chain management based on life cycle impact assessment. *European Journal of Environmental Sciences*, Volume 6, Issue 1, pp 30-36.
34. Loulos V., **Achillas Ch.**, Aidonis D., 2016. Strategic Initiatives for Sustainability Performance Improvement of Supply Chains: Best Practices from the German Market. *International Journal Management of Innovative Business & Education Systems*, Volume 10, Issue 1, pp 93-107.
35. Feleki E., Vlachokostas Ch., **Achillas Ch.**, Moussiopoulos N., Michailidou A.V., 2016. Involving decision makers in the transformation of results into urban sustainability policies. *European Journal of Environmental Sciences*, Volume 6, Issue 1, pp 7-10.
36. Baniias G., **Achillas Ch.**, Vlachokostas Ch., Moussiopoulos N., Stefanou M., 2016. Environmental impacts in the life cycle of olive oil: A literature review. *Journal of the Science of Food and Agriculture*, Volume 97, Issue 6, pp 1686-1697.
37. **Achillas Ch.**, Tzetzis D., Raimondo M.O., 2017. Alternative production strategies based on the comparison of additive and traditional manufacturing technologies. *International Journal of Production Research*, Volume 55, Issue 12, pp 3497-3509.
38. Vlachokostas Ch., Michailidou A.V., Feleki E., Ch. **Achillas Ch.**, Moussiopoulos N., Trasanidis O., 2017. A holistic methodological approach in the urban context towards characterizing the environmental performance of buildings and promoting strategic governance and sustainability. *Procedia Environmental Sciences*, Volume 38, pp 571-577.
39. Parisi S., **Achillas Ch.**, Aidonis D., Folinias D., 2016. Conceptual design of a telecommunications equipment container for humanitarian logistics. *International Journal of Business Science and Applied Management*, Volume 11, Issue 2, pp 12-23.
40. Baniias G., Lampridi M., Padiaditi K., **Achillas Ch.**, Sartzetakis E., Bochtis D., Berruto R., Busato P., 2017. Evaluation of Environmental Impact Assessment framework effectiveness. *Chemical Engineering Transactions*, Volume 58, pp 805-810.

Papers under review in Journals (in expected order for publication)

1. Manes N., **Achillas Ch.**, Baniias G., Aidonis D., Moussiopoulos N., 2017. End-of-life photovoltaic panels: An emerging waste stream. *Fresenius Environmental Bulletin*.
2. Baniias G., Lampridi M., Padiaditi K., **Achillas Ch.**, Sartzetakis E., Bochtis D., Berruto R., Busato P., 2017. Evaluation of the Greek EIA System.

Papers in Greek Journals

1. Moussiopoulos N., **Achillas Ch.**, Koroneos C., Vlachokostas Ch., 2009. Integrated Product Policy: End of life management of an ISDN network terminal as a case study of electrical and electronic product. *Journal of Hellenic Association of Mechanical and Electrical Engineers*, Volume 423, pp 6-14 (in Greek).
2. Moussiopoulos N., Baniias G., Aidonis D., Anastaselos D., Vlachokostas Ch., **Achillas Ch.**, Iakovou E., Papadopoulos A., 2011. DeconRCM: Internet-based tool for the management of waste from construction activities. *Journal of Hellenic Association of Mechanical and Electrical Engineers*, Volume 436, pp 40-44 (in Greek).
3. Baniias G., Moussiopoulos N., **Achillas Ch.**, Vlachokostas Ch., 2011. Construction and demolition waste management in the Region of Central Macedonia with the use of a web-based tool. *Technology* (in Greek).
4. Moussiopoulos N., **Achillas Ch.**, Baniias G., 2012. Recovery of energy from solid wastes. *Environment and Law*. Year 2012, Volume 1, pp 27-35.

Books (in progress)

1. Achillas C., Aidonis D., Bochtis D., Folinias D., 2017. *Green Supply Chain Management*. Taylor & Francis, UK.

Articles in Books

1. Moussiopoulos N., **Achillas Ch.**, Dourala N., Kamarianos A., Krestenitis I., Bais A., Sartzetakis E., 2004. Technological Foresight in Central Macedonia – Central Macedonia towards 2018. Chapter 5: Environment”, ISBN 960-88503-0-4, pp 165-414 (in Greek).
2. Moussiopoulos N., Koutitas Ch., Nastis A., Nikolaou K., **Achillas Ch.**, Dermisis V., Koukoura Z., Tsiouvaras K., Papadopoulos A., Abraham E., Karatasiou M., Parisi Z., Anastaselos D., Apsilidis N., Vlachokostas Ch., Dermisi S., Kalogeropoulos K., Kalognomou E.-A., Karmiris I., Poullos K., Samaras A., Spyridi D., 2008. System of indicators for the environment and sustainability in Thessaloniki. Organisation for the Master Plan and Environmental Protection of Thessaloniki, ISBN 978-960-98642-0-6 (in Greek).
3. Moussiopoulos N., Iakovou E., Papadopoulos A., **Achillas Ch.**, Aidonis D., Anastaselos D., Banias G., 2009. Exploitation of construction and demolition waste. Aristotle University of Thessaloniki, Polytechnic School, in “Ydrogaia”, Honourable issue for Professor Tzimopoulos Ch., ed. Giannopoulos S., Ziti, Thessaloniki, pp 413-423, ISBN 978-960-243-659-2 (in Greek).
4. Vlachokostas Ch., Moussiopoulos N., **Achillas Ch.**, Douros G., 2009. Health impacts and social costs of particulate and photochemical air pollution in the Greater Thessaloniki Area. National Technical University of Athens, Honourable issue for Professor Spirellis N., ed. Gyftou P., pp 329-336 (in Greek).
5. Vlachokostas Ch., Moussiopoulos N., **Achillas Ch.**, 2010. Combined assessment of health impacts and emission abatement strategies. Chapter 15F of AIR QUALITY MODELING - Theories, Methodologies, Computational Techniques, and Available Databases and Software. Vol. III – Special Issues (P. Zannetti, Editor). Published by The EnviroComp Institute (<http://www.envirocomp.org/>) and the Air & Waste Management Association (<http://www.awma.org/>), pp 303-315.
6. Moussiopoulos N., Papadopoulos A., Banias G., Anastaselos D., **Achillas Ch.**, Vlachokostas Ch., 2011. Web-based application for the optimal management from construction activities. Honourable issue for Professor Lekkas Th.
7. Aidonis D., **Achillas Ch.**, Voulgarakis N., Triantafillou D., Moussiopoulos N., 2012. Selection of the Third / Fourth Party Logistics Provider: A multicriteria approach. Outsourcing Management for Supply Chain Operations and Logistics Services, IGI Global.
8. Anastasiadis F., Archontakis F., Banias G., **Achillas Ch.**, 2014. Consumers' perception of wastewater usage in agriculture: Evidence from Greece. Decision Making for Agricultural and Environmental Policy - Developing Integrated and Reliable Modelling Tools, Springer.

Studies

1. Assael M., Melas D., Karatzas K., **Achillas Ch.**, Kakosimos D., 2008. Development of a network of measuring devices for the assessment of spatial distribution of particulates in Thessaloniki - Phase A. Technical Chamber of Greece - Section of Central Macedonia, Working group “Air pollution”, Thessaloniki, July (in Greek).
2. Assael M., Melas D., Karatzas K., **Achillas Ch.**, Kakosimos D., 2009. Development of a network of measuring devices for the assessment of spatial distribution of particulates in Thessaloniki - Phase B. Technical Chamber of Greece - Section of Central Macedonia, Working group “Air pollution”, Thessaloniki, April (in Greek).
3. Antonopoulos I.-S., Karagiannidis A., Tsatsarelis T., Perkoulidis, G., **Achillas Ch.**, 2015. Waste to energy strategies in Sparta municipality in the context of life cycle. Waste Management, A Glance at the World, ed. Cerminara G., Volume 34, pp 711-713.

Contributions in Conference Proceedings

1. Koroneos C., **Achillas Ch.**, Moussiopoulos N., 2005. Environmental tools for sustainable production. Proceedings of the 1st Panhellenic Conference of Mechanical - Electrical Engineers, Panhellenic Society of Mechanical - Electrical Engineers, Athens, Greece, 28-30 March, CD-ROM edition (in Greek).
2. Moussiopoulos N., **Achillas Ch.**, Avramidis A., Boudouvas D., Giama E., Karagiannidis A., Papadopoulos A., Perkoulidis G., Sioris K., 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, Ed. Lekkas T.D., Rhodes island, Greece, 1-3 September, pp 1032-1037.
3. Koroneos C., **Achillas Ch.**, Moussiopoulos N., Kikis V., 2005. Sustainability in production - The application of environmental tools. Proceedings of the 9th Conference on Environmental Science and Technology, Ed. Lekkas T.D., Rhodes island, Greece, 1-3 September, pp 455-460.
4. Koroneos C., **Achillas Ch.**, Moussiopoulos N., 2005. Life cycle management in electrical and electronic equipment. Proceedings of the 2nd International Conference on Life Cycle Management - LCM, Barcelona, Spain, 5-7 September, CD-ROM edition.
5. Koroneos C., Moussiopoulos N., **Achillas Ch.**, Dompros A., Bouzakis K.-D., Michailidis N., Iakovou E., Xanthopoulos A., 2005. Implementation of recycling aspects' Integrated Product Policy in electrical and electronic equipment. Proceedings of the 2nd International Conference on Manufacturing Engineering – ICMEN, ICMEN and EUREKA Brokerage Event, Ed. Bouzakis K.D., Kallithea, Chalkidiki, Greece, pp 855-865, 5-7 October.
6. Koroneos C., Moussiopoulos N., **Achillas Ch.**, Kikis V., 2005. The application of environmental tools on industrial products. Proceedings of the 13th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, MESAEP, Ed. Nikolaou K., Thessaloniki, Greece, p 280, 8-12 October.
7. Moussiopoulos N., **Achillas Ch.**, Avramidis A., Boudouvas D., Giama E., Karagiannidis A., Papadopoulos A., Perkoulidis G., Sioris K., 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, MESAEP, Ed. Nikolaou K., Thessaloniki, Greece, p 166, 8-12 October.
8. Moussiopoulos N., **Achillas Ch.**, Avramidis A., Boudouvas D., Giama E., Karagiannidis A., Papadopoulos A., Perkoulidis G., Sioris K., Vlachos D., 2005. Cost analysis of the management of electrical and electronic products at the end of their useful life. Proceedings of the XV International Conference Transport 2005, Sofia, Bulgaria, pp 174-189, 10-11 November.

9. Moussiopoulos N., **Achillas Ch.**, Koroneos C., 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 Association, Athens, Greece, 3-4 February, CD-ROM edition.
10. Karagiannidis A., Moussiopoulos N., **Achillas Ch.**, Sioris K., 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 Association, Athens, Greece, 3-4 February, CD-ROM edition.
11. Moussiopoulos N., **Achillas Ch.**, Koroneos C., 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, Eds. Gidarakos E. et al., Chania, Greece, 3-7 July, pp 659-660.
12. Moussiopoulos N., Bouzakis K.-D., Iakovou E., Koroneos C., **Achillas Ch.**, Michailidis N., Xanthopoulos A., Chantzipanagiotti 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, Ed. WEEE/RoHS, Vienna, Austria, 13-16 November, CD-ROM edition.
13. Moussiopoulos N., Koroneos C., **Achillas Ch.**, Kikis V., 2007. Integrated Product Policy - The case study of managing an ISDN network terminal as waste of electrical and electronic equipment. Proceedings of the 2nd Panhellenic Conference of Mechanical - Electrical Engineers, Panhellenic Society of Mechanical - Electrical Engineers, Athens, Greece, 16-18 May, p 55 (in Greek).
14. Moussiopoulos N., Iakovou E., Papadopoulos A., **Achillas Ch.**, Aidonis D., Anastaselos D., Baniias G., 2007. User requirements for the development of an information system on the management of building materials at the end of their useful life. Proceedings of the 2nd Panhellenic Conference of Mechanical - Electrical Engineers, Panhellenic Society of Mechanical - Electrical Engineers, Athens, Greece, 16-18 May, p 58 (in Greek).
15. Moussiopoulos N., Papadopoulos A., Iakovou E., **Achillas Ch.**, Aidonis D., Anastaselos D., Baniias G., 2007. Legislative framework on construction and demolition waste management. Proceedings of the 1st International Conference on Environmental Management, Engineering, Planning and Economics, SECOTOX/CEMEPE, Eds. Kungolos A., Aravossis K., Karagiannidis A. and Samaras P., Skiathos island, Greece, 24-28 June, Vol.3, pp 1569-1575.
16. Moussiopoulos N., Papadopoulos A., Iakovou E., **Achillas Ch.**, Aidonis D., Anastaselos D., Baniias G., 2007. Construction and demolition waste management: State of the art trends. Proceedings of the 10th International Conference on the Environmental Science and Technology - CEST2007, Ed. Lekkas T.D., Cos island, Greece, 5-7 September, pp 1009-1016.
17. Moussiopoulos N., **Achillas Ch.**, Koroneos C., 2007. Promoting alternative end of life management of electrical and electronic equipment. Proceedings of the 10th International Conference on the Environmental Science and Technology - CEST2007, Ed. Lekkas T.D., Cos island, Greece, 5-7 September, pp 993-1000.
18. Moussiopoulos N., Iakovou E., Papadopoulos A., **Achillas Ch.**, Aidonis D., Anastaselos D., Baniias G., 2008. Methodological framework on decision making for the design and operation of a recycling facility for inert materials. Proceedings of the 3rd Environmental Conference of Macedonia, Ed. Nikolaou K., Thessaloniki, Greece, 14-17 March, p 92, CD-ROM edition (in Greek).
19. Moussiopoulos N., **Achillas Ch.**, Nikolaou K., 2008. Development of a framework of indicators for the assessment of the environment and sustainable development of the Greater Thessaloniki Area. Proceedings of the 3rd Environmental Conference of Macedonia, Ed. K. Nikolaou, Thessaloniki, Greece, 14-17 March, p 142, CD-ROM edition (in Greek).
20. Moussiopoulos N., Iakovou E., Papadopoulos A., **Achillas Ch.**, Aidonis D., Anastaselos D., Baniias G., 2008. Applications for the reuse and recycling of building materials at the end of their useful life. 1st Panhellenic Conference of Building Materials & Construction, Athens, Greece, 21-23 May, CD-ROM edition (in Greek).
21. Moussiopoulos N., **Achillas Ch.**, Vlachokostas Ch., Spyridi D., 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, SECOTOX/CEMEPE, Eds. Kungolos A., Aravossis K., Karagiannidis A. and Samaras P., Mykonos island, Greece, 21-26 June, pp 2039-2044.
22. Moussiopoulos N., Anastaselos D., Aidonis D., Baniias G., **Achillas Ch.**, Iakovou E., Papadopoulos A., 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, SECOTOX/CEMEPE, Eds. Kungolos A., Aravossis K., Karagiannidis A. and Samaras P., Mykonos island, Greece, 21-26 June, pp 1113-1119.
23. Moussiopoulos N., **Achillas Ch.**, Vlachokostas Ch., Kalognomou E.-A., Spyridi D., 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 the Environmental Science and Technology - CEST2009, Ed. Lekkas T.D., Chania, Crete island, Greece, 3-5 September, pp 946-953.
24. Moussiopoulos N., Baniias G., Aidonis D., Anastaselos D., **Achillas Ch.**, Iakovou E., Papadopoulos A., 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 the Environmental Science and Technology - CEST2009, Ed. Lekkas T.D., Chania, Crete island, Greece, 3-5 September, pp 954-961.
25. Koroneos C., **Achillas Ch.**, Astrup Jensen A., 2009. Life Cycle Management of Natural Resources: The case of Aluminum. Proceedings of the 4th International Conference on Life Cycle Management - LCM 2009, Cape Town, South Africa, 6-9 September, CD-ROM edition.
26. Koroneos C., **Achillas Ch.**, Moussiopoulos N., 2009. Life Cycle Thinking in the Use of Natural Resources. Proceedings of the 3rd International Conference Towards sustainable development: Assessing the footprint of resource utilization and hazardous waste management – AMIREG, Athens, Greece, 7-9 September, 466-471.
27. Moussiopoulos N., **Achillas Ch.**, Vlachokostas Ch., Spyridi D., Nikolaou K., 2009. System of indicators for the environment and sustainability in Thessaloniki. Proceeding of 3rd Conference of the Environmental Committee A.U.Th, Climate Change - Sustainable Development and Renewable Energy Sources, Thessaloniki, Greece, 15-17 October, pp 3-10 (in Greek).
28. Vlachokostas Ch., Moussiopoulos N., **Achillas Ch.**, Baniias G., Kalogeropoulos K., 2009. Health impacts and social costs of particulate and photochemical air pollution in the Greater Thessaloniki Area. Proceeding of 3rd Conference of the Environmental Committee A.U.Th, Climate Change - Sustainable Development and Renewable Energy Sources, Thessaloniki, Greece, 15-17 October, pp 109-115 (in greek).

29. Moussiopoulos N., Baniias G., Aidonis D., Anastaselos D., **Achillas Ch.**, Iakovou E., Papadopoulos A., 2009. Development of a web application for the management of waste from construction activities in the Region of Central Macedonia, Greece. Proceeding of 3rd Conference of the Environmental Committee A.U.Th, Climate Change - Sustainable Development and Renewable Energy Sources, Thessaloniki, Greece, 15-17 October, pp 699-705 (in Greek).
30. Moussiopoulos N., **Achillas Ch.**, Baniias G., Aidonis D., Anastaselos D., Vlachokostas Ch., Iakovou E., Papadopoulos A., 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 Association, Athens, Greece, 30-31 October, CD-ROM edition (in Greek).
31. Moussiopoulos N., **Achillas Ch.**, Vlachokostas Ch., Spyridi D., 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 Association, Athens, Greece, 30-31 October, CD-ROM edition (in Greek).
32. Moussiopoulos N., **Achillas Ch.**, Vlachokostas Ch., Baniias G., Kafetzopoulos G., 2010. Survey on social acceptance for the development of a Waste-To-Energy plant in Thessaloniki, Greece. Proceedings of the International Conference Protection and Restoration of the Environment X, Eds. Gidarakos E. et al., Corfu island, Greece, 5-9 July, CD-ROM edition.
33. Moussiopoulos N., Baniias G., **Achillas Ch.**, Vlachokostas Ch., Tsatsanias Ch., 2010. Environmental impacts from the operation of alternative construction and demolition waste management facilities. Proceedings of the International Conference Protection and Restoration of the Environment X, Eds. Gidarakos E. et al., Corfu island, Greece, 5-9 July, CD-ROM edition.
34. Moussiopoulos N., Baniias G., Aidonis D., Anastaselos D., **Achillas Ch.**, Vlachokostas Ch., Iakovou E., Papadopoulos A., 2010. Estimating costs for the integrated management of waste from construction activities. Proceedings of the 1st International Conference on Supply Chains (ICSC), Katerini, Greece, 1-2 October.
35. **Achillas Ch.**, Aidonis D., Vlachokostas Ch., Baniias G., Iakovou E., Moussiopoulos N., 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 International Conference on Supply Chains (ICSC), Katerini, Greece, 1-2 October.
36. Moussiopoulos N., Koroneos C., **Achillas Ch.**, Vlachokostas Ch., 2010. Hazardous waste minimisation through redesign of industrial products. Proceedings of the 2nd International Hazardous and Industrial Waste Management Conference, Chania, Crete, Greece, 5-8 October.
37. **Achillas Ch.**, Vlachokostas Ch., Moussiopoulos N., Baniias G., 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, Ed. K. Nikolaou, Thessaloniki, Greece, 18-20 March (in Greek).
38. Vlachokostas Ch., Moussiopoulos N., **Achillas Ch.**, Michailidou A.B., 2011. Decision Support System for the evaluation of urban air pollution control options: Application for the case of the Greater Thessaloniki Area, Greece. Proceedings of the 4th Environmental Conference of Macedonia, Ed. K. Nikolaou, Thessaloniki, Greece, 18-20 March (in Greek).
39. Baniias G., Moussiopoulos N., **Achillas Ch.**, Vlachokostas Ch., 2011. Management of waste from construction activities in the Region of Central Macedonia with the application of an online tool. Proceedings of the 4th Environmental Conference of Macedonia, Ed. K. Nikolaou, Thessaloniki, Greece, 18-20 March (in Greek).
40. **Achillas Ch.**, Aidonis D., Folinias D., Moussiopoulos N., Vlachokostas Ch., Triantafillou D., 2011. Application of multiple objective linear programming as a tool to improve eco-design of industrial products. Proceedings of the International Conference "Management of Technology - Step to Sustainable Production" (MOTSP 2011), Bol, Brac, Croatia, 8-10 June.
41. **Achillas Ch.**, Moussiopoulos N., Karagiannidis A., 2011. Willingness to pay for the optimal management of e-waste: A contingent valuation study for Greece. Proceedings of the International Conference on Integrated Urban Solid Waste Management, Piza, Italy, 14-15 June.
42. Baniias G., Moussiopoulos N., **Achillas Ch.**, 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, SECOTOX/CEMEPE, Skiathos island, Greece, 19-24 June.
43. Kasampalis T., Karagiannidis A., **Achillas Ch.**, Perkoulidis G., 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, SECOTOX/CEMEPE, Skiathos island, Greece, 19-24 June.
44. Vlachokostas Ch., **Achillas Ch.**, Moussiopoulos N., Baniias G., 2011. Combined air quality and noise exposure assessment in Thessaloniki, Greece. Proceedings of the 12th International Conference on the Environmental Science and Technology - CEST2011, Rhodes island, Greece, 8-10 September.
45. **Achillas Ch.**, Moussiopoulos N., 2011. Integrated end-of-life management of electrical and electronic equipment. United Nations University Institute for Sustainability and Peace, StEP E-waste Summer School 2011, Eindhoven, Netherlands - Antwerp, Belgium - Davos - Switzerland, 11-23 September.
46. Aidonis D., **Achillas Ch.**, Voulgarakis N., Triantafillou D., Moussiopoulos N., 2011. Outsourcing service logistics providers for the transportation of hazardous materials with the use of multicriteria analysis. 15th Panhellenic Logistics Conference, Thessaloniki, Greece, 11-12 November.
47. **Achillas Ch.**, Moussiopoulos N., Karagiannidis A., 2012. Willingness to pay for e-waste management in Greece. Protection and Restoration of the Environment XI, Thessaloniki, Greece, 3-6 July.
48. **Achillas Ch.**, Aidonis D., Karagiannidis A., Moussiopoulos N., Loulos V., 2012. Optimal depth of industrial products' disassembly. Electronics Goes Green 2012+, Berlin, Germany, 9-12 September.
49. **Achillas Ch.**, Aidonis D., Vlachokostas Ch., Karagiannidis A., Moussiopoulos N., Antonopoulos I., Loulos V., 2012. Recycling industrial products: A cost-benefit approach. 4th International Conference on Engineering for Waste and Biomass Valorisation, Porto, Portugal, 10-13 September.
50. Thymianidis M., **Achillas Ch.**, Tzetzis D., Iakovou E., 2012. Modern Additive Manufacturing Technologies: An Up-to-Date Synthesis and Impact on Supply Chain Design. 2nd Olympus International Conference on Supply Chains, Katerini, Greece, 5-6 October.
51. Iakovou E., Vlachos D., **Achillas Ch.**, Anastasiadis F., 2012. A methodological framework for the design of green supply chains for the agrifood sector. 2nd Olympus International Conference on Supply Chains, Katerini, Greece, 5-6 October.

52. **Achillas Ch.**, Aidonis D., Folinis D., Moussiopoulos N., Triantafillou D., 2012. Decision making support system for supplier involvement in new product design: A real world case in the agrifood sector. 2nd Olympus International Conference on Supply Chains, Katerini, Greece, 5-6 October.
53. 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.
54. 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.
55. **Achillas Ch.**, Moussiopoulos N., Karagiannidis A., 2012. Choosing among alternative WEEE management schemes: The optimal scenario for Greece. 4th International Symposium on energy from biomass and waste, San Servolo, Venice, Italy, 12-15 November.
56. **Achillas Ch.**, Malamakis A., Karagiannidis A., Moussiopoulos N., Papantoniou G., 2012. Business plan for the development of a Reuse Centre for Electrical and Electronic Equipment. 4th International Conference and Exhibition of the Hellenic Solid Waste Management Association, Athens, Greece, 30 November-1 December.
57. Anastasiadis F., Archontakis F., Baniias G., **Achillas Ch.**, Vlachos D., 2013. Wastewater usage in Agriculture: a consumer perspective. 133rd EAEE Seminar – Developing integrated and reliable modelling tools for agricultural and environmental policy analysis, Chania, Greece, 15-16 June.
58. Aidonis D., Folinis D., **Achillas Ch.**, Triantafillou D., Malindretos G., 2013. Multicriteria assessment of policy-makers and experts' views for the prioritization of the agrifood supply chains. Commission Internationale de l'Organisation Scientifique du Travail en Agriculture XXXV, Billund, Denmark, 3-5 July.
59. Manikas I., **Achillas Ch.**, Ieromonachou P., Moussiopoulos N., 2013. Assessment of Green Supply Chain Management practices in the Greek Agrifood sector. Commission Internationale de l'Organisation Scientifique du Travail en Agriculture XXXV, Billund, Denmark, 3-5 July.
60. Baniias G., Anastasiadis F., Archontakis F., **Achillas Ch.**, Takolas K., 2013. Public acceptance of recycled water for irrigation use in the Agri-food sector. Commission Internationale de l'Organisation Scientifique du Travail en Agriculture XXXV, Billund, Denmark, 3-5 July.
61. **Achillas Ch.**, Baniias G., Moussiopoulos N., Vlachokostas Ch., Stefanou M., 2013. Review of the environmental impacts in the life cycle of olive oil. 3rd International Exergy, Life Cycle Assessment, and Sustainability Workshop & Symposium (ELCAS3), Nisyros, Greece, 7-9 July.
62. Vlachokostas Ch., Baniias G., Athanasiadis A., Akylas V., **Achillas Ch.**, Moussiopoulos N., 2013. A software for assessing personal exposure in urban areas based on combined dose and exposure indicators. 13th International Conference on Environmental Science and Technology (CEST2013), Athens, Greece, 5-7 September.
63. Baniias G., **Achillas Ch.**, Vlachokostas Ch., Aidonis D., Moussiopoulos N., 2013. The use of multi criteria decision aid in waste management problems. 10th Meeting of Multiple criteria Decision Analysis, Thessaloniki, 21-23 November.
64. Aidonis D., Baniias G., **Achillas Ch.**, Moussiopoulos N., 2013. DeconRCM: A web-based tool for the optimal management of waste from construction activities. 1st Logistics International Conference (LOGIC), Belgrade, Serbia, 28-30 November.
65. Moussiopoulos N., Schäfer K., Iakovou E., Fragkou E., Kalognomou E.-A., Tsegas G., **Achillas Ch.**, 2014. Green-AgriChains Project: Interactions between air quality, climate change and agriculture. Air Quality 2014, Garmisch-Partenkirchen, Germany, 24-28 March.
66. Vlachokostas Ch., Baniias G., Athanasiadis A., Akylas V., **Achillas Ch.**, Moussiopoulos N., 2014. A multi-stressor, multi-modal approach to bridge the gap between chemical and physical health stressors in urban areas. Air Quality 2014, Garmisch-Partenkirchen, Germany, 24-28 March.
67. **Achillas Ch.**, Feleki E., Moussiopoulos N., Segura I.L., 2014. Urban Empathy: An EU funded project towards the promotion of a sustainable urban model at the European level. 2nd Symposium on Urban Mining, Bergamo, Italy, 19-21 May.
68. Baniias G., **Achillas Ch.**, Moussiopoulos N., Roidi P., Karkanias Ch., 2014. Assessment of alternative strategies for the management of waste from the construction industry. 2nd International Conference on Sustainable Solid Waste Management, Athens, Greece, 12-14 June.
69. Manes N., **Achillas Ch.**, Aidonis D., Baniias G., Moussiopoulos N., 2014. End-of-life photovoltaic panels: An emerging waste stream. 12th International Conference on Protection and Restoration of the Environment, Skiathos island, Greece, 29 June -3 July.
70. Vlachokostas Ch., Baniias G., Athanasiadis A., Akylas V., **Achillas Ch.**, Moussiopoulos N., Feleki E. 2014. Characterization of urban microenvironments in terms of their sustainability with the use of environmental assessment software. 2nd International Conference on ICT for Sustainability, Stockholm, Sweden, 24-26 August.
71. Baniias 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. 4th International Conference on Industrial and Hazardous Waste Management, Chania, Greece, 2-5 September.
72. **Achillas Ch.**, Tzetzis D., Aidonis D., Iakovou E., Thymianidis M., 2014. Comparing production costs and lead times of traditional and modern manufacturing techniques. 5th ICMEN International Conference, Thessaloniki, Greece, 1-3 October.
73. Moussiopoulos N., Feleki E., **Achillas Ch.**, Vlachokostas Ch., 2015. Towards energy efficiency solutions and low carbon economy in urban areas: The Sustainable Urban MOdel (SUMO) Toolkit. Energy Science Technology (EST) International Conference & Exhibition, Karlsruhe, Germany, 20-22 May.
74. Aidonis D., **Achillas Ch.**, Folinis D., Triantafillou D., 2015 Multicriteria Analysis Approach for Humanitarian Preparedness Operations. 2nd Logistics International Conference (LOGIC), Belgrade, Serbia, 21-23 May.
75. Diamantis V., Aivasidis A., **Achillas Ch.**, Mimides K., Pliakas F., 2015. Agro-industrial residuals for enhanced food production in geothermal greenhouses. International Conference on Industrial Waste & Wastewater Treatment & Valorization, Athens, Greece, 21-23 May.

76. Mouchlia D., Baniias G., **Achillas Ch.**, Archontakis F., Sartzetakis E., Moussiopoulos N., 2015. Comparing supermarkets & green groceries: Determining factors of the organic waste. 1st International Conference of Agrifood SCM and Green Logistic, Porto Carras, Chalkidiki, Greece, 27-30 May.
77. Michailidou A., Vlachokostas Ch., **Achillas Ch.**, Moussiopoulos N., 2015. Green Tourism Supply Chain Management based on Life Cycle Impact Assessment. 1st International Conference of Agrifood SCM and Green Logistic, Porto Carras, Chalkidiki, Greece, 27-30 May.
78. Feleki E., Michailidou A.V., Achillas Ch., Vlachokostas Ch., Moussiopoulos N., 2015. A tool towards environmental urban sustainability through effective EU policy implementation. 11th Regional Conference "Environment to Europe" EnE15 – ENV.net, Belgrade, Serbia, 5 June.
79. Baniias G., Mouchlia D., **Achillas Ch.**, Archontakis F., Sartzetakis E., Moussiopoulos N., 2015. Identification of best environmental waste management practices in the retail sector: The case study of Greek retailers. 5th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE), Mykonos, Greece, 14-18 June.
80. Feleki E., **Achillas Ch.**, Moussiopoulos N., 2015. An interactive knowledge centre on urban sustainability: Transferring scientific results into policies. 5th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE), Mykonos, Greece, 14-18 June.
81. Vlachokostas Ch., Tsegas G., Michailidou A., **Achillas Ch.**, Baniias G., Moussiopoulos N., Chatzibousios D.A., 2015. Assessment of health impacts from the incineration of municipal solid waste in Thessaloniki, Greece. 14th International Conference on Environmental Science and Technology (CEST 2015), Rhodes, Greece, 3-5 September.
82. Feleki E., **Achillas Ch.**, Moussiopoulos N., Michailidou A.V., 2015. Involving decision-makers in the transformation of results into urban sustainability policies. 14th International Conference on Environmental Science and Technology (CEST 2015), Rhodes, Greece, 3-5 September.
83. Parisi S., **Achillas Ch.**, Aidonis D., Folinas D., 2015. Conceptual design of a telecommunications equipment container for humanitarian logistics. 3rd Olympus International Conference on Supply Chains, Athens, Greece, 7-8 November.
84. Loulos V., **Achillas Ch.**, Aidonis D., 2015. Strategic initiatives for performance improvement of sustainable supply chains: from a conceptual framework to best practices from the German market. 3rd Olympus International Conference on Supply Chains, Katerini, Greece, 7-8 November.
85. Feleki E., Vlachokostas Ch., Michailidou A., **Achillas Ch.**, Moussiopoulos N., 2016. Climate change and urban sustainability: Enhancing governance and policy modeling. 12th Regional Conference EnE16-ENV.net, Belgrade, Serbia, 6 June.
86. Aidonis D., Loulos V., **Achillas Ch.**, 2016. Sustainability in the area of Industry 4.0: A comparison between German and Greek Logistics Service Providers. 8th International Scientific Symposium on Logistics, Karlsruhe, Germany, 15-16 June.
87. Vlachokostas Ch., Michailidou A., Feleki E., **Achillas Ch.**, Moussiopoulos N., Trasanidis O., 2016. A holistic methodological approach in the urban context towards characterizing the environmental performance of buildings and promoting strategic governance and sustainability. International Conference on Sustainable Synergies from Buildings to the Urban Scale - SBE16, Thessaloniki, Greece, 17-19 October.
88. **Achillas Ch.**, Baniias G., Karkania Ch., 2017. Assessment of environmental problems in the Greater Thessaloniki Area and prioritization of mitigation strategies. 6th Environmental Conference of Macedonia, Thessaloniki, Greece, 5-7 May.
89. Boden M., Haegeman K.H., Marinelli E., Ranga M., Dos Santos P., **Achillas Ch.**, Bartzanas Th., Lainevu A., Chaniotou N., 2017. Increasing the effectiveness of RIS3 implementation through research-to-industry interactions. 2017 University-Industry Interaction Conference, Dublin, Ireland, 7-9 June.
90. Lampridi M., Baniias G., Pediaditi K., **Achillas Ch.**, Sartzetakis E., 2017. Effectiveness evaluation of Environmental Impact Assessment studies. 6th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE), Thessaloniki, Greece, 25-30 June.
91. Bochtis D., **Achillas Ch.**, Lampridi M., Vasileiadis G., Berruto R., 2017. ICT applications in agricultural fleet management. 2017 European Federation for Information Technology in Agriculture, Food and the Environment World Congress on Computers in Agriculture (EFITA 2017), Montpellier, France, 2-6 July.
92. Papadaki S., Baniias G., **Achillas Ch.**, Folinas D., Aidonis D., Bochtis D., 2017. Refugees: The humanitarian logistics of a crisis situation. 3rd International Conference on Dynamics of Disasters, Kalamata, Greece, 5-9 July.
93. Baniias G., **Achillas Ch.**, Moussiopoulos N., Ch. Karkania Ch., Tsairelis A., Skampeltzis P., Psathas M., 2017. Environmental Product Declaration in the cement industry. 5th International Exergy, Life Cycle Assessment, and Sustainability Workshop & Symposium, Nisyros island, Greece, 9-11 July.
94. Bartzanas Th., **Achillas Ch.**, Chaniotou N., 2017. Bridging competence infrastructure gaps and speeding up regional growth. 10th International Conference for Entrepreneurship, Innovation and Regional Development, Thessaloniki, Greece, 31 August - 1 September.
95. Vlachokostas Ch., Tsegas G., **Achillas Ch.**, Moussiopoulos N., 2017. Health impacts attributed to the operation of a municipal solid Waste-to-Energy facility in the Greater Thessaloniki Area, Greece. 9th International Conference on Environmental Engineering and Management (ICEEM09), Bologna, Italy, 6-9 September
96. Bochtis D., **Achillas Ch.**, Aidonis D., Tamvakidis S., Vasileiadis G., 2017. Improvement of agricultural productivity with the use of advanced ICT tools. 8th International Conference on Information and Communication Technologies in Agriculture, Food & Environment (HAICTA 2017), Chania, Crete, Greece, 21-24 September.
97. Bochtis D., **Achillas Ch.**, Aidonis D., Lampridi M., Vasileiadis G., 2017. Fleet management for agricultural equipment: The case of V-Agrifleet. 10th National Conference of the Hellenic Society of Agricultural Engineers, Athens, Greece, 28-29 September.
98. Moussiopoulos N., Vlachokostas Ch., Malamakis A., Kontogianni S., **Achillas Ch.**, Feleki E., 2017. Regional circular economy models and best available technologies for biological streams. 18th European Roundtable for Sustainable Consumption and Production, Skiathos island, Greece, 1-5 October.
99. Moussiopoulos N., Kontogianni S., Malamakis A., **Achillas Ch.**, 2017. Circular bio-economy: Innovation in the regional policy and business opportunities. 6th Agrotechnology Conference, American-Hellenic Chamber of Commerce. Climate Change: Challenges and adaptation. Thessaloniki, Greece, 15 December (in Greek).

Contributions in Conference Proceedings accepted for presentation

1. Baniias G., **Achillas Ch.**, Bochtis D., Batsioulas M., 2018. Life Cycle Assessment of Municipal Solid Waste Management Practices in Central Macedonia. Protection and Restoration of the Environment XIV, Thessaloniki, Greece, 3-6 July.

Conferences

Participation in Conferences

1. 1st Panhellenic Conference of Mechanical - Electrical Engineers, Athens, Greece, 28-30 March 2005.
2. 9th Conference on Environmental Science and Technology - 2005, Rhodes island, Greece, 1-3 September 2005.
3. 2nd International Conference on Life Cycle Management - LCM 2005, Barcelona, Spain, 5-7 September 2005.
4. 2nd International Conference on Manufacturing Engineering - ICMEN 2005, Kassandra, Chalkidiki, Greece, 5-7 October 2005.
5. 13th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Thessaloniki, Greece, 8-12 October 2005.
6. XV International Conference Transport, Sofia, Bulgaria, 10-11 November 2005.
7. 2nd International Conference and Exhibition organised by the Hellenic Solid Waste Management Association, Athens, 3-4 February 2006.
8. Protection and Restoration of the Environment VIII, Chania, Crete island, Greece, 3-7 July 2006.
9. Going Green CARE INNOVATION 2006, Vienna, Austria, 13-16 November 2006.
10. 2nd Panhellenic Conference of Mechanical - Electrical Engineers, Athens, Greece, 16-18 May 2007.
11. 1st International Conference on Environmental Management, Engineering, Planning and Economics - CEMEPE, Skiathos island, Greece, 24- 28 June 2007.
12. 10th International Conference on the Environmental Science and Technology – CEST 2007, Cos island, Greece, 5-7 September 2007.
13. 3rd Environmental Conference of Macedonia, Thessaloniki, Greece, 14-17 March 2008.
14. 1st Panhellenic Conference of Building materials, Athens, 21-23 May 2008.
15. 2nd International Conference on Environmental Management, Engineering, Planning and Economics - CEMEPE, Mykonos island, Greece, 21-26 June 2009.
16. 11th International Conference on the Environmental Science and Technology – CEST 2009, Chania, Crete island, Greece, 3-5 September 2009.
17. 4th International Conference on Life Cycle Management - LCM 2009, Cape Town, South Africa, 6-9 September 2009.
18. 3rd International Conference Towards sustainable development: Assessing the footprint of resource utilization and hazardous waste management - AMIREG 2009, Athens, Greece, 7-9 September 2009.
19. 3rd Conference of the Environmental Committee A.U.Th, Climate Change - Sustainable Development and Renewable Energy Sources, Thessaloniki, Greece, 15-17 October 2009.
20. 3rd International Conference and Exhibition of the Hellenic Solid Waste Management Association, Athens, Greece, 30-31 October 2009.
21. Protection and Restoration of the Environment X, Corfu island, Greece, 5-9 July 2010.
22. 1st International Conference on Supply Chains (ICSC), Katerini, Greece, 1-2 October 2010.
23. 2nd International Hazardous and Industrial Waste Management Conference, Chania, Crete island, Greece, 5-8 October 2010.
24. 4th Environmental Conference of Macedonia, Thessaloniki, Greece, 18-20 March 2011.
25. International Conference "Management of Technology - Step to Sustainable Production" (MOTSP 2011), Bol, Brac, Croatia, 8-10 June 2011.
26. International Conference on Integrated Urban Solid Waste Management, Piza, Italy, 14-15 June.
27. 3rd International Conference on Environmental Management, Engineering, Planning and Economics, SECOTOX/CEMEPE, Skiathos island, Greece, 19-24 June 2011.
28. 12th International Conference on the Environmental Science and Technology - CEST2011, Rhodes island, Greece, 8-10 September 2011.
29. United Nations University Institute for Sustainability and Peace, StEP E-waste Summer School 2011, Eindhoven, Netherlands - Antwerp, Belgium – Davos, Switzerland, 11-23 September 2011.
30. World Resources Forum - Shaping the Future of Natural Resources - Towards a Green Economy (WRF 2011), Davos, Switzerland, 19-21 September 2011.
31. 15th Panhellenic Logistics Conference, Thessaloniki, Greece, 11-12 November 2011.
32. Protection and Restoration of the Environment XI, Thessaloniki, Greece, 3-6 July 2012.
33. Electronics Goes Green 2012+, Berlin, Germany, 9-12 September 2012.
34. 4th International Conference on Engineering for Waste and Biomass Valorisation, Porto, Portugal, 10-13 September 2012.
35. 2nd Olympus International Conference on Supply Chains, Katerini, Greece, 5-6 October 2012.

36. 4th International Symposium on energy from biomass and waste, San Servolo, Venice, Italy, 12-15 November 2012.
37. 4th International Conference and Exhibition of the Hellenic Solid Waste Management Association, Athens, Greece, 30 November-1 December 2012.
38. 133rd EAAE Seminar – Developing integrated and reliable modelling tools for agricultural and environmental policy analysis, Chania, Greece, 15-16 June 2013.
39. Commission Internationale de l'Organisation Scientifique du Travail en Agriculture XXXV, Billund, Denmark, 3-5 July 2013.
40. 3rd International Exergy, Life Cycle Assessment, and Sustainability Workshop & Symposium (ELCAS3), Nisyros, Greece, 7-9 July 2013.
41. 13th International Conference on Environmental Science and Technology (CEST2013), Athens, Greece, 5-7 September 2013.
42. 10th Meeting of Multiple criteria Decision Analysis, Thessaloniki, 21-23 November 2013.
43. 1st Logistics International Conference (LOGIC), Belgrade, Serbia, 28-30 November 2013.
44. Air Quality 2014, Garmisch-Partenkirchen, Germany, 24-28 March 2014.
45. 2nd Symposium on Urban Mining, Bergamo, Italy, 19-21 May 2014.
46. 2nd International Conference on Sustainable Solid Waste Management, Athens, Greece, 12-14 June 2014.
47. 12th International Conference on Protection and Restoration of the Environment, Skiathos island, Greece, 29 June -3 July 2014.
48. 2nd International Conference on ICT for Sustainability, Stockholm, Sweden, 24-26 August 2014.
49. 4th International Conference on Industrial and Hazardous Waste Management, Chania, Greece, 2-5 September 2014.
50. 5th ICMEN International Conference, Thessaloniki, Greece, 1-3 October 2014.
51. Energy Science Technology (EST) International Conference & Exhibition, Karlsruhe, Germany, 20-22 May 2015.
52. 2nd Logistics International Conference (LOGIC), Belgrade, Serbia, 21-23 May 2015.
53. International Conference on Industrial Waste & Wastewater Treatment & Valorization, Athens, Greece, 21-23 May 2015.
54. 1st International Conference of Agrifood SCM and Green Logistic, Porto Carras, Chalkidiki, Greece, 27-30 May 2015.
55. 11th Regional Conference "Environment to Europe" EnE15 – ENV.net, Belgrade, Serbia, 5 June 2015.
56. 5th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE), Mykonos, Greece, 14-18 June 2015.
57. 14th International Conference on Environmental Science and Technology (CEST 2015), Rhodes, Greece, 3-5 September 2015.
58. 3rd Olympus International Conference on Supply Chains, Athens, Greece, 7-8 November 2015.
59. 12th Regional Conference EnE16-ENV.net, Belgrade, Serbia, 6 June 2016.
60. 8th International Scientific Symposium on Logistics, Karlsruhe, Germany, 15-16 June 2016.
61. SBE16 Thessaloniki - Sustainable Synergies from Buildings to the Urban Scale, Thessaloniki, Greece, 17-19 October 2016.
62. 6th Environmental Conference of Macedonia, Thessaloniki, Greece, 5-7 May 2017.
63. 2017 University-Industry Interaction Conference, Dublin, Ireland, 7-9 June 2017.
64. 6th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE), Thessaloniki, Greece, 25-30 June 2017.
65. 2017 European Federation for Information Technology in Agriculture, Food and the Environment World Congress on Computers in Agriculture (EFITA 2017), Montpellier, France, 2-6 July 2017.
66. 3rd International Conference on Dynamics of Disasters, Kalamata, Greece, 5-9 July 2017.
67. 5th International Exergy, Life Cycle Assessment, and Sustainability Workshop & Symposium, Nisyros island, Greece, 9-11 July 2017.
68. 10th International Conference for Entrepreneurship, Innovation and Regional Development, Thessaloniki, Greece, 31 August - 1 September 2017.
69. 9th International Conference on Environmental Engineering and Management (ICEEM09), Bologna, Italy, 6-9 September 2017.
70. 8th International Conference on Information and Communication Technologies in Agriculture, Food & Environment, Chania, Crete, Greece, 21-24 September 2017.
71. 10th National Conference of the Hellenic Society of Agricultural Engineers, Athens, Greece, 28-29 September 2017.
72. 18th European Roundtable for Sustainable Consumption and Production, Skiathos island, Greece, 1-5 October 2017.
73. 6th Agrotechnology Conference, American-Hellenic Chamber of Commerce. Climate Change: Challenges and adaptation. Thessaloniki, Greece, 15 December 2017.

Programmed participation in Conferences

1. Protection and Restoration of the Environment XIV, Thessaloniki, Greece, 3-6 July 2018.

Participation in Research Projects

1. Technological Foresight in Central Macedonia: Application of the Delphi Method to evaluate various scenaria for technology-led regional development. Coordinator: Prof. I.N. Tsoukalas, Research Leader: Head of WG Environment: Prof. N. Moussiopoulos, Budget for AUT: 375.000 €, Funded by: ERDF's Innovative Actions, "Excellence in Central Macedonia 2002-2003" Programme, 2003.
2. Sustainable urban transportation SUTRA, Coordinator: ESS, Research Leader: AUT, Budget for AUT: 156.000 €, Funded by: CEC, Environment and Sustainable Development Programme, 2003.
3. Environmentally viable electronic city (ENV-e-CITY), Coordinator: AUT, Research Leader: AUT, Budget for AUT: 402.600 €, Funded by: CEC, e-Content-European digital content on global networks, 2003.
4. Integrated environmental assessment and management, Coordinator: AUT, Research Leader: AUT, Budget for AUT: 30.000 €, Funded by: General Secretariat of Research and Technology, 2004.
5. Photocatalytic innovative coverings applications for depollution assessment, Coordinator: GTM Construction S.A., Research Leader: AUT, Funded by: CEC, 2004.
6. Cost Analysis of the Management of Electrical and Electronic Products at the End of Their Useful Life, Coordinator: AUT, Research Leader: AUT, Budget for AUT: 16.700 €, Funded by: Recycling of Appliances S.A., 2004.
7. Optimum management of industrial products at the end of their useful life (MIPEL), Coordinator: EPEAEK, Research Leader: AUT, Budget for AUT: 90.000 €, Funded by: Ministry of Education, Pythagoras programme, 2004-2006.
8. Integrated Product Policy in the Telecommunication Sector (IPPTTEL), Coordinator: INTRACOM S.A. Hellenic Telecommunications and Electronic Industry, Research Leader: AUT, Budget for AUT: 51.694 €, Funded by: European Commission, DG Environment, LIFE-Environment Programme, 2005-2007.
9. Social and professional reinstatement of people with disable and Greek gypsies through recycling programme for waste from electric an electronic equipment in Greece (EQUAL), Coordinator: ARVIS, Research Leader: AUT, Budget for AUT: 123.061 €, Funded by: European Social Fund (EQUAL program), Hellenic Ministry of Employment and Social Protection, 2006.
10. Information System for Demolition Waste Management (DEWAM), Coordinator: AUT, Research Leader: AUT, Budget for AUT: 155.440 €, Funded by: General Secretariat for Research & Technology, Ministry of Development, Reinforcement Programme of Human Research Manpower (PENED), 2007.
11. An Environmental and Sustainable Development Indicators System for Thessaloniki, Coordinator: AUT, Research Leader: AUT, Budget for AUT: 124.790 €, Funded by: Organisation for the Master Plan and Environmental Protection of Thessaloniki, 2007-2008.
12. Reconstructing of undergraduate mechanical engineering courses at the Aristotle University of Thessaloniki, Coordinator: AUT, Research Leader: AUT, Budget for AUT: 176.150 €, Funded by: Ministry of Education, 2008.
13. Diesel particulate nickel foam based filter, Coordinator: Laboratory of Applied Thermodynamics (LAT), Research Leader: AUT, Funded by: INCO, 2008.
14. Clean air for health-research needs for sustainable development policies, Coordinator: University of Hertfordshire, Research Leader: AUT, Budget for AUT: 44.820 €, Funded by: European Commission-Research Directorate General, 2008.
15. European topic center on air and climate change, Implementation Plan 2008, Coordinator: Netherlands Environmental Assessement Agency, Research Leader: AUT, Budget for AUT: 93.600 €, Funded by: European Environment Agency, 2008.
16. New energy externalities developments for sustainability (NEEDS), Coordinator: ISIS, Research Leader: AUT, Budget for AUT: 99.700 €, Funded by: CEC, 2008-2009.
17. Supply of services for the development of an emission inventory that will include the creation of an air emission database and the provision of software tools for simulating ambient air quality in Cyprus, Coordinator: AUT, Research Leader: AUT, Budget for AUT: 42.400 €, Funded by: Cyprian Ministry of Labour and Social Security, 2009.
18. European topic center on air and climate change, implementation plan 2009, Coordinator: Netherlands Environmental Assessement Agency, Research Leader: AUT, Budget for AUT: 114.630 €, Funded by: European Environment Agency, 2009.
19. The development of pay-as-you-throw systems in Hellas, Estonia, Cyprus, Coordinator: AUT, Research Leader: AUT, Budget for AUT: 127.570 €, Funded by: European Commission-Directorate-General Environment, 2009-2010.
20. Megapoli-Megacities: Emissions, urban, regional and Global atmospheric pollution and climate effects, and integrated tools for assessment and mitigation, Coordinator: AUT, Research Leader: AUT, Budget for AUT: 145.710 €, Funded by: European Commission, 2009-2010.
21. Low-Cost Zero-Waste Municipality, Coordinator: AUT, Research Leader: AUT, Budget for AUT: 29.000 €, Funded by: Secretariat Technique Conjoint du Programme Med, 2010.
22. European topic center on air and climate change, implementation Plan 2010, Coordinator: Netherlands Environmental Assessement Agency, Research Leader: AUT, Funded by: European Environment Agency, Budget for AUT: 98.200 €, 2010.
23. Demonstration of photocatalytic remediation processes on air quality, Coordinator: Centre National de la Recherche Scientifique, Research Leader: AUT, Budget for AUT: 98.200 €, Funded by: European Commission – Environment Directorate General, 2010-2012.
24. Integration of end-of-life tires in the life cycle of road construction, Coordinator: AUT, Research Leader: AUT, Budget for AUT: 187.209 €, Funded by: European Commission - Environment, 2011.
25. Empowering Policies on Urban Sustainability, Coordinator: Malaga City Council, Research Leader: AUT, Budget for AUT: 67.500 €, Funded by: European Commission - Programme MED, 2013-2014.
26. Innovation Capacity Building by Strengthening Expertise and Research in the Design, Planning and Operations of Green Agrifood Supply Chains (Green AgriChains), Coordinator: AUT, Research Leader: AUT, Budget for AUT: 1.570.878 €, Funded by: European Commission, 2013-2016.
27. Securing Transit Containers (SETRACON), Coordinator: TEI Thessalonikis, Research Leader: TEI Thessalonikis, Budget for TEITH: 323.425 €, Funded by: European Commission, Black Sea Basin Joint Operational Programme, 2013-2015.

28. Voice-driven fleet management system for agricultural operations (V-AgriFleet), Coordinator: MLS S.A., Budget for AUT: 146.720 €, Funded by: European Commission, 2015-2016.
29. Prometheas - Corridor of Sustainable Technologies – An integrated approach to the supply chain: Energy carriers - Transformation Processes - Transport and storage networks - Sustainable applications / smart use - Impact on the environment, health and economy, Coordinator: CERTH, Research Leader: CERTH, Budget for CERTH: 770.000 €, Funded by: General Secretariat of Research and Technology, 2016-2017.
30. Addressing underachievement in STEAM education through real product design and making practices (MakeITReal), Coordinator: Politechnika Warszawska, Research Leader: AUT, Budget for AUT: 28.040 €, Funded by: European Commission, Erasmus+ Knowledge Alliances Programme, 2016-2017.
31. Alternative tourist strategies to enhance the local sustainable development of tourism by promoting Mediterranean Identity (ALTERECO), Coordinator: Valencia Institute of Building, Research Leader: AUT, Budget for AUT: 269.068 €, Funded by: European Commission, MED Programme, 2017.
32. Bridging competence infrastructure gaps and speeding up growth and jobs delivery in regions (BRIDGES), Coordinator: Kainuun Etu Oy, Research Leader: CERTH, Budget for CERTH: 196.530 €, Funded by: European Commission, ERDF, Interreg Europe Programme, 2017.
33. Regional circular economy models and best available technologies for biological streams (BIOREGIO), Coordinator: Lahti University of Applied Sciences, Research Leader: AUT, Budget for AUT: 196.451 €, Funded by: European Commission, ERDF, Interreg Europe Programme, 2017.
34. Electromobility in urban transport: a multi-dimensional innovation (socio-economic and environmental effects) (eMOBILITA), Coordinator: University of National and World Economy, Research Leader: AUT, Budget for AUT: 310.500 €, Funded by: European Commission, Horizon 2020, Marie Skłodowska-Curie Research and Innovation Staff Exchange Programme, 2017.
35. Metropolitan Agriculture for Developing an innovative, sustainable and Responsible Economy (MADRE), Coordinator: Agency for Sustainable Mediterranean Cities and Territories, Research Leader: AUT, Budget for AUT: 152.850 €, Funded by: European Commission, Interreg Mediterranean Programme, 2017.
36. Pathways of accessible heritage tourism (Access2Heritage), Coordinator: Management Body of Rodopi Mountain-Range National Park Leader: TEICM, Budget for TEICM: 103.000 €, Funded by: Interreg Greece-Bulgaria 2014-2020 Programme, 2018.
37. Integrated Operations Center for Providing Humanitarian Assistance (HELP), Coordinator: TEI of Central Macedonia, Leader: TEICM, Budget for TEICM: 447.290 €, Funded by: Interreg Greece-FYROM 2014-2020 Programme, 2018.
38. Zero-waste energy-efficient agricultural communities in the GR-FYROM cross-border area (ZEFFIROS), Coordinator: Municipality of Serres, Leader: AUT, Budget for AUT: 278.164 €, Funded by: Interreg Greece-FYROM 2014-2020 Programme, 2018.

Diploma theses' supervisor

1. Palaskas L., 2005. Key aspects in the management of Waste Electrical and Electronic Equipment. Aristotle University Thessaloniki, Department of Mechanical Engineering, October.
2. Tarsenis S., 2008. Application of multicriteria analysis the optimal location of a construction and demolition waste management facility. Aristotle University Thessaloniki, Department of Mechanical Engineering, July.
3. Kafetzopoulos G., 2008. Thermal treatment of municipal solid waste with focus on Waste Electrical and Electronic Equipment. Aristotle University Thessaloniki, Department of Mechanical Engineering, October.
4. Mastropavlos M., 2008. Estimation of Waste Electrical and Electronic Equipment alternative management cost in Greece. Aristotle University Thessaloniki, Department of Mechanical Engineering, October.
5. Tsatsanias Ch., 2009. Environmental impacts from the operation of a Construction and Demolition Waste Management facility. Aristotle University Thessaloniki, Department of Mechanical Engineering, July.
6. Skerletidou E., 2010. Multicriteria assessment of improvement strategies to confront environmental deterioration in the Greater Thessaloniki Area. Aristotle University Thessaloniki, Department of Mechanical Engineering, July.
7. Karamitsios A., 2010. Energy exploitation of forest biomass for the tele-heating of the city of Grevena, Greece. Aristotle University Thessaloniki, Department of Mechanical Engineering, September.
8. Tsobanakis V., 2011. Evaluation of alternative locations for the development of a wind farm in Greece. Aristotle University Thessaloniki, Department of Mechanical Engineering, March.
9. Tzomaa A., 2011. Environmental and economic comparative assessment of PE, PP and PVC products. Aristotle University Thessaloniki, Department of Mechanical Engineering, March.
10. Thymianidis M., 2011. Use of mathematical programming tools for the eco-design of industrial products. Aristotle University Thessaloniki, Department of Mechanical Engineering, July.
11. Dellis G., Zarkada V., 2011. Willingness to pay for the enforcement of recycling programmes of electrical and electronic equipment at the end of their useful life. Aristotle University Thessaloniki, Department of Mechanical Engineering, July.
12. Iosifidou M., 2011. Selection of location and technology for the development of a Waste-To-Energy plant with the application of multicriteria analysis. Aristotle University Thessaloniki, Department of Mechanical Engineering, July.
13. Loulos V., 2011. Recycling of waste electrical and electronic equipment cost-benefit analysis. Aristotle University Thessaloniki, Department of Mechanical Engineering, July.
14. Zisakis Ch., 2011. Environmental impact assessment of the lignite-based steam power plant at Kardias, Ptolemaida, Greece – Comparison with a natural gas-based steam power plant. Aristotle University Thessaloniki, Department of Mechanical Engineering, October.
15. Theodosiadis Ch., 2012. Port Facility Security Systems Management: How the ISPS code impacts port facility operations and activities. Case Study: Thessaloniki Port Authority SA. International Hellenic University, School of Economics and Business Administration, January.

16. Chrysoulidou A., 2012. Multicriteria assessment for the identification of the optimal alternative treatment management technique for Waste Electrical and Electronic Equipment in Greece. Aristotle University Thessaloniki, Department of Mechanical Engineering, July.
17. Papadoniou G., 2012. Business plan for the development of an ICT equipment reuse company. Aristotle University Thessaloniki, Department of Mechanical Engineering, October.
18. Thymianidis M., 2012. Modern additive manufacturing technologies: Merit and impact on supply chain design. International Hellenic University, School of Economics and Business Administration, MSc in Management, November.
19. Tottas K., 2013. The role of social enterprises in the management of Waste Electrical and Electronic Equipment. Aristotle University Thessaloniki, Department of Mechanical Engineering, February.
20. Stefanou M., 2013. Environmental impacts from supply chains in the agrifood sector. The case of the olive oil. Aristotle University Thessaloniki, Dept. Mechanical Engineering, February.
21. Kondilopoulos G., 2013. Supply and reverse supply chains in the agricultural sector. Aristotle University Thessaloniki, Department of Mechanical Engineering, July.
22. Chatzibousios D., 2013. Health impact assessment and external costs of air pollution attributed to mass burn incineration in the Greater Thessaloniki Area. Aristotle University Thessaloniki, Department of Mechanical Engineering, July.
23. Manes N., 2014. Reverse logistics of the photovoltaics sector. International Hellenic University, School of Economics and Business Administration, MSc in Sustainable Development, November.
24. Parisi S., 2014. Preparedness for Disaster Management: Design of a Telecommunication Equipment Container for Humanitarian Logistics. International Hellenic University, School of Economics and Business Administration, MSc in Strategic Product Design, November.
25. Papagaki A., 2014. Decision Making Techniques for Eco-Design. International Hellenic University, School of Economics and Business Administration, MSc in Strategic Product Design, November.
26. Molozis P., Ktenidis A., 2014. Reverse logistics of building materials. TEI of Central Macedonia, Department of Logistics, July.
27. Fotiou I., 2014. Assessment of strategies for the optimal construction and demolition waste management with the use of AHP. Aristotle University Thessaloniki, Department of Mechanical Engineering, July.
28. Raimondo M.O., 2015. Inclusion of modern additive manufacturing into the production portfolio of a focused factor. International Hellenic University, School of Economics, Business Administration and Legal Studies, Executive Master in Business Administration, January.
29. Lemonis K., 2015. Managing fast paced construction projects using innovative project management techniques. International Hellenic University, School of Economics, Business Administration and Legal Studies, MSc in Strategic Product Design, January.
30. Bakarozos I., 2015. Estimation of waste quantities of personal computers and TVs in Greece. Aristotle University Thessaloniki, Department of Mechanical Engineering, March.
31. Tsikou M., 2015. Project Management Office & Project Portfolio Management Office: Application in a Greek company - Case study: TIF-HELEXPO SA. International Hellenic University, School of Economics, Business Administration and Legal Studies, MSc in Management, October.
32. Tzika D., 2016. Designing a role playing game for project management education. International Hellenic University, School of Economics, Business Administration and Legal Studies, MSc in Strategic Product Design, January.
33. Karaolis A., 2016. Comparison of food waste production between large and small retailers. Aristotle University Thessaloniki, Department of Mechanical Engineering, March.
34. Dellis G., 2016. Green Packaging. International Hellenic University, School of Economics, Business Administration and Legal Studies, MSc in Strategic Product Design, December.
35. Chatzinikolakis F., 2017. Last mile logistics with the use of drones. TEI of Central Macedonia, Department of Logistics, MSc in Logistics, February.
36. Karagia E., 2017. Evaluation of city's "smartness" – Characteristics, available solutions, governance approaches and citizens' needs. International Hellenic University, School of Economics, Business Administration and Legal Studies, MSc in Environmental Management and Sustainability, February.
37. Karkania Ch., 2017. Exploitation of confiscated materials MSc insurance companies. International Hellenic University, School of Economics, Business Administration and Legal Studies, Master in Environmental Management and Sustainability, February.
38. Margaritis I., 2017. Optimization of Supply Chain Processes. International Hellenic University, School of Economics, Business Administration and Legal Studies, Ma MSc ster in Strategic Product Design, February.
39. Moulgianni Ch., 2017. Potentials of biomass production in the region of Central Macedonia. International Hellenic University, School of Economics, Business Administration and Legal Studies, MSc in Environmental Management and Sustainability, February.
40. Panoutsou K., 2017. Sustainability Reports: The world leaders' perspective of sustainability. International Hellenic University, School of Economics, Business Administration and Legal Studies, MSc in Environmental Management and Sustainability, February.
41. Papadaki S., 2017. Refugees: the humanitarian logistics of a crisis situation. International Hellenic University, School of Economics, Business Administration and Legal Studies, MSc in Environmental Management and Sustainability, February.
42. Skampeltzis P., 2017. Social Impact Assessment. International Hellenic University, School of Economics, Business Administration and Legal Studies, MSc in Environmental Management and Sustainability, February.
43. Tekidou S., 2017. Project management gamification. International Hellenic University, School of Economics, Business Administration and Legal Studies, MSc in Strategic Product Design, February.
44. Tsairelis A., 2017. Methods and tools for the assessment of urban sustainability. International Hellenic University, School of Economics, Business Administration and Legal Studies, MSc in Environmental Management and Sustainability, February.

-
45. Patsea E., 2017. Packaging design for a food product based on marketing, logistics and environmental criteria. International Hellenic University, School of Economics, Business Administration and Legal Studies, MSc in Strategic Product Design, in progress.
 46. Karamichali E., 2018. Packaging design for supply chain efficiency. International Hellenic University, School of Economics, Business Administration and Legal Studies, MSc in Strategic Product Design, in progress.
 47. Leina E., 2018. Moving towards sustainability in transportation industry - Current standards and initiatives aiming to shrink the carbon footprint. International Hellenic University, School of Economics, Business Administration and Legal Studies, MSc in Environmental Management and Sustainability, in progress.
 48. Tsikos P., 2018. Design of a cluster of containers for emergency relief preparedness and provision of humanitarian aid. International Hellenic University, School of Economics, Business Administration and Legal Studies, MSc in Strategic Product Design, in progress.
 49. Mpitos A., 2018. Business Process Reengineering. TEI of Central Macedonia, Department of Logistics, MSc in Logistics, in progress.
 50. Xolias S., 2018. Reverse logistics. TEI of Central Macedonia, Department of Logistics, MSc in Logistics, in progress.
 51. Katsantoni S., 2018. Green supply chain in the hotel industry – The case of hotels in Pieria, Greece. TEI of Central Macedonia, Department of Logistics, MSc in Logistics, in progress.
 52. Spyroudis I., 2018. Accessible tourism. International Hellenic University, School of Economics, Business Administration and Legal Studies, MSc in Environmental Management and Sustainability, in progress.