

PERSONAL INFORMATION



Paraskevas Nikolaos GEORGIU

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Sex Male | Date of birth 27/02/1980 | Nationality Hellenic

WORK EXPERIENCE

December 2013 – February 2015

Center of Renewable Energy Sources & Saving (CRES), Division of Development Programmes

Research Associate

- Planning, management, implementation and monitoring of research programs and projects in Energy, Renewable Energy Sources (RES), Energy Saving (ES) and environment (see Annex I)
- Elaboration of energy, environmental and techno-economic analyses and studies

Business or sector Private Legal Entity

May 2012 – March 2015

Innovation & Entrepreneurship Unit (IEU), National Technical University of Athens (NTUA)

Research Associate

- Development of economic and technological information infrastructure for students and graduates
- Supporting entrepreneurial teams in technology, innovation and entrepreneurship issues
- Design, development, implementation and maintenance of IEU NTUA portal
- Structuring file of entrepreneurial stories
- Technical support of entrepreneurship workshops

Business or sector University

July 2004 – today

Freelancer

Project manager

- Elaboration of energy, environmental and techno-economic analyses and studies (see Appendix I)
- Planning, management, implementation and monitoring of various projects in power sector, Energy Planning, RES, ES, Information and Communication Technologies (ICT) (see Annex I)

Business or sector Public & Private Sector projects (Energy, Environment, Education, ICT)

October 2003 – today

Laboratory of Industrial & Energy Economics (LIEE), School of Chemical Engineering, National Technical University of Athens (NTUA)

Research Associate

- Planning, management and implementation of research programs and projects (environment, power sector, RES, ES, ICT) (see Annex I)
- Experience in decision support and management systems
- Administrative and technical support of LIEE NTUA
- Participation in academic activities (courses, workshops, dissertations)

Business or sector University

- June 2012 – today **Quality Network**
Research Associate, Expert
- Reviewer of sustainability reports (corporate responsibility reports) according to sustainability index (Bravo awards)
 - Brief reports with comments and suggestions on sustainability reports and criteria coverage
- Business or sector** Non-Profit Organization
- October 2013 – today **Small Enterprises' Institute of the Hellenic Confederation of Professionals, Craftsmen and Merchants (IME GSEVEE)**
Associate, Expert
- Auditing and benchmarking of the technological and organizational needs of small enterprises on innovation aspects
- Business or sector** Non-Profit Organization
- January 2013 **Center of Renewable Energy Sources and Saving (CRES)**
Scientific expert
- Reviewing proposals for the "Rural and Insular Communities - New Development Model" Program
- Business or sector** Private Legal Entity
- February – November 2011 **Hellenic Army, Army Aviation, 2nd Airport Support Battalion (2nd TYAD), Oil Analysis Department (TAO)**
Special Scientist - Chemical Engineer
- Compliance with ISO procedures according to ELOT EN ISO 17025
 - Issuing commands for the allowable flight hours of flying machines
 - Analysis of mineral oils, hydraulic fluids and aviation fuels of aircrafts and helicopters
 - Providing technical guidelines about mineral oils to the pilots & engineers of the flying machines
- Business or sector** Army
- April 2004 – January 2011 **National Technical University of Athens (NTUA)**
Webmaster & e-learning manager
- Design, construction and maintenance of the website and e-learning platform of LIEE NTUA
 - Design, construction and maintenance of the portal "Epixeirein – Supporting the young engineer" and e-learning platform supporting entrepreneurship courses in NTUA
 - Design, construction and maintenance of the website of Association of Teaching and Research Staff
- Business or sector** University
- July – August 2001 **MISKO-BARILLA**
Trainee assistant production manager
- Supervision of product lines and bottlenecks detection
 - Conducting projects dealing with products' traceability, biological treatment unit's operation, silos' filling times and capacity, and palletizing programs
 - Measurement of production performance indicators
- Business or sector** Food Industry
- July – August 2000 **Coca Cola –Hellenic Bottling Company**
Quality Control Microbiologist
- Chemical and microbiological analysis of raw materials, water and wastewater
 - Microbiological analysis of plant's full product line (beverages & juices)
- Business or sector** Food Industry

July 1999 **A.G. Petzetakis**

Internship

- Design of process flow, cooling water and drainage network diagrams
- Study and analysis of polymers production procedure and conditions

Business or sector **Plastics Industry**

EDUCATION AND TRAINING

December 2004 –
December 2010

Ph.D. in Energy Strategy and Energy Planning (Grade: 10)
Thesis Title: Development of a Mathematical Programming Model & Construction of an Information Decision Support System for the Long-term Energy Planning of the Greek Power sector

National Technical University of Athens (NTUA), School of Chemical Engineering, Laboratory of Industrial & Energy Economics (LIEE)

- Energy planning of power systems
- Study and modeling of interconnection possibilities of Aegean islands
- Gathering, compiling and analyzing energy and environmental data of the Greek power sector
- Development of a detailed mathematical energy planning model
- Construction of a decision support system
- Development of evolution scenarios for the Greek power sector

September 2002 –
November 2004

MBA (Grade: 8,37)
Thesis Title: Evaluating investment opportunities in Balkan countries under the Kyoto Protocol's Clean Development Mechanism

National Technical University of Athens (NTUA) & Athens University of Economics & Business (AUEB)

- Description of Greenhouse effect. Presentation of Kyoto Protocol's context.
- Design and selection of projects under Clean Development Mechanism along with evaluation criteria
- Multicriteria and techno-economic analysis of eligible investment projects

October 1997 –
July 2002

Diploma of Chemical Engineer (Grade: 8,23)
Thesis Title : Water characteristics, treatment, uses and requirements in food industry

National Technical University of Athens (NTUA), School of Chemical Engineering, Laboratory of Food Chemistry and Technology

- Physicochemical and microbiological characteristics of water
- Methods and techniques used in water treatment
- Overview of water legislation and standards

PERSONAL SKILLS

Mother tongue **Greek**

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C1
Certificate of Proficiency in English (CPE) University of Michigan					
French	A2	A2	A2	A2	A2
Diplôme d'études en langue française (DEL F)1					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
 Common European Framework of Reference for Languages

- Communication skills**
- Advanced communication skills obtained through professional and academic activities
 - Ability to act as interface among people of different background and varying degrees of expertise
 - Team spirit

- Organisational / managerial skills**
- Organization, coordination and management skills
 - Very good knowledge of Project Management (professional and academic experience)
 - Adaptability and flexibility
 - Taking initiatives

- Job-related skills**
- Strong ability in problem solving and finding optimal solutions
 - Research and analytical skills paying great attention to detail and focus on accuracy
 - Ability to gather, compile and process data efficiently
 - High sense and quality control of projects' implementation
 - Experience in management and implementation of projects and research programs
 - Experience in decision support systems on energy and environmental aspects
 - Knowledge of techno-economic analysis and evaluation methods

- Computer skills**
- Excellent knowledge of PC hardware & software
 - Excellent knowledge of Operating Systems: MS Windows, MS-DOS
 - Good knowledge of Programming Languages: Fortran, Basic, HTML, PHP
 - Excellent Knowledge of software packages/applications/tools: MS Office (Word, Excel, Access, PowerPoint, Publisher, Visio, Project), MS Expression Web, Corel Paint Shop Pro, Primavera, Matlab, Mathematica, dBase, Decision Lab, Electre Tri, Electre III-IV, Actrix Technical, GAMS, Joomla, Liferay, Aris Collaborative Suite, Adobe Captivate, Moodle, Crystal Ball, Decision Tools Suite

Other skills Basketball, Soccer, Music, Excursions, Computers

Driving licence B class

ADDITIONAL INFORMATION

- Publications**
- **6** papers in international peer reviewed journals (see Annex II)
 - **22** announcements in scientific conferences (see Annex II)

Academic work	2012 – today	Teaching “Systems and Tools for Environmental Management (Corporate Responsibility)” in “Master of Organization & Administration of Industrial Systems”, with specialization in “Systems of Energy Management and Environmental Protection” of the University of Piraeus & NTUA
	2012 – today	Teaching “Economics of the enterprise - Entrepreneurship” in School of Applied Mathematical and Physical Science NTUA
	2004 – today	Teaching assistant in courses of School of Chemical Engineering NTUA: “Innovation, Technology & Entrepreneurship”, “Economic Analysis of Industrial Decisions”, “Project Management and Decision Support”, “Simulation of entrepreneurial decisions”, “Operations Research”
	2006 – 2009	Teaching ‘Business Game’ in Department of Management Science & Technology AUEB
	2004 – 2011	Supervision of 17 diploma thesis

Conferences	<ul style="list-style-type: none"> ▪ 3rd, 5th, 6th, 7th, 9th Pan-Hellenic Scientific Conference of Chemical Engineering ▪ 3rd, 4th, 5th, 10th Student Conference of Management Science & Technology ▪ 6th, 7th, 8th, 15th National Energy Conference “Energy and Development” ▪ 9th, 11th Conference on Environmental Science and Technology ▪ 3rd International Conference on Renewable Energy Sources & Energy Efficiency, ENERTECH 2008 ▪ DIME Entrepreneurship, knowledge, learning & the evolution of industrial/territorial clusters & regions ▪ 64th Meeting of the European Group ‘Multiple Criteria Decision Aiding’
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Seminars	<ul style="list-style-type: none"> ▪ Centre for Research and Technology Hellas/Chemical Process Engineering Research Institute, HELECTOR SA, NTUA: Energy technologies for sustainable development: Production of electric power from waste and biomass <i>(Duration: 46 hrs.)</i> ▪ McKinsey & Company, Hellenic Federation of Enterprises, Greek Union of Enterprises, NTUA: Creation and Development of a Business Plan - Venture 2002: Business Plan Competition <i>(Duration: 14 hrs.)</i> ▪ NTUA, School of Chemical Engineering: Biological aspects of Environmental Biotechnology and Bioremediation Applications <i>(Duration: 20 hrs.)</i>
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Honours and awards	2012	Best PhD thesis award in NTUA from the “I. Sarafi” endowment for the academic year 2010-2011
	2011	Best PhD thesis in School of Chemical Engineering NTUA for the year 2010 and nomination for the “Thomaidio” award
	2006 – 2009	Fellowship from Bodossaki Foundation for the PhD thesis elaboration
	2006 – 2008	“Thomaidio” award on the advance of science and art, for the publication of papers in peer refereed scientific journals
	2005	Fellowship from NTUA for the PhD thesis elaboration
	2001 – 2002	Scholarship “Aglaias Koufodimou”
	1998 – 1999	Academic award “Christos Papakiriakopoulos” for having the highest grades in Mathematics courses in School of Chemical Engineering NTUA
	1997	Scholarship from State Scholarships Foundation (IKY) for entering the School of Chemical Engineering NTUA in the top five

Memberships	<ul style="list-style-type: none"> ▪ Technical Chamber of Greece (No.R.: 99206) ▪ Economic Chamber of Greece (No.R.: 0086871/99) ▪ Hellenic Association of Chemical Engineers ▪ Institute of Energy for South-East Europe
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References	Available upon request
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ANNEXES

- Annex I: Projects and Research programs list
- Annex II: Publications list

Annex I: Projects and Research programs list

From – To	Employer	Position	Project Description – Funding
December 2013 – February 2015	CRES	Project Team Member	<p>“Sustainable Energy Development at Regional, Interregional and Transboundary Level – ENERGEIN” <i>Implementation of Regional and Macro-Regional/Transboundary Action Plans for Sustainable Energy Development. Design of demonstration projects for Sustainable Energy Development.</i> Funded by European Territorial Cooperation Programme “Greece-Cyprus 2007-2013”, the ERDF and by national funds of Greece and Cyprus</p>
December 2013 – February 2015	CRES	Project Team Member	<p>“Financial Mechanism of European Economic Area (EEA) 2009-2014. Programme Area: Renewable Energy” <i>Supporting the whole tendering and management procedures.</i> Funded by EEA-EFTA states: Iceland, Lichtenstein, Norway under the framework of EEA Financial Mechanism for the period 2009-2014 (85%) and the Public Investment Program of Hellenic Republic (15%)</p>
December 2013 - February 2015	CRES	Project Team Member	<p>“Adriatic IPA: Energy Sustainability for Adriatic Small Communities – Alterenergy” <i>Elaboration of Sustainable Energy Development Plan for the Municipal Community of Igoumenitsa.</i> Funded by European Union</p>
November 2014 – December 2014	Hulla & Co. Human Dynamics KG	Project Team Member	<p>“Capacity Building of the State Agency for Energy Efficiency and Energy Conservation in Ukraine” <i>Preparation and elaboration of National Energy Efficiency Action Plan of Ukraine. Incorporation of financial schemes, mechanism and tools, legislative framework and energy policies related to energy efficiency. Barrier analysis and gap analysis for the Ukrainian energy market.</i> Funded by European Union (Europeaid).</p>
July 2014 – November 2014	NTUA	Project Team Member, Technical Coordinator	<p>“Utilization of red mud as alternative resource of rare earths (REEs)” <i>Responsible for the final report. Elaboration of feasibility study and market research. Gathering of techno-economic data and literature review.</i> Funded by II-VI Incorporated.</p>
November 2011 – May 2012	EnerCoRD	Project Team Member, Research Fellow	<p>“Development of methodology for the evaluation of a hydro-pumped storage power plant participating both in the Day-Ahead and Balancing Market mechanisms in Switzerland and European market in a medium-term horizon” <i>Writing research proposal. Literature review. Methodology development. Design of work packages.</i> Funded by EnerCoRD</p>
March 2011 – February 2012	Information Training Local Development (PETA)	Project Team Member	<p>“Creating certification schemes. Specialized training for the employees of Primary Local Authorities in Information & Communication Technologies (ICT), towards the modern municipality (Regions of Central Macedonia, Western Macedonia and Attica)” <i>Capability and competency analysis of candidates. Adaptation preparation for the evaluation system. Creation of question tests for the subject area of RES.</i> Funded by OP “Public Administration Reform 2007-2013” NSRF</p>
February 2012 October 2010 – January 2011	NTUA	Project Team Member	<p>“Research among enterprises in order to predict the changes into the regional production systems and local labour markets” <i>Writing the report of forecasting changes in industrial sectors. Gathering and compiling data from panels on energy and environment topics.</i> Funded by House of Greek Industries (Hellenic Federation of Enterprises) under the OP “Human resources development” NSRF</p>
October – December 2010	NTUA	Project Team Member	<p>“Advancing Knowledge-Intensive Entrepreneurship and Innovation for Economic Growth and Social Well-being in Europe: AEGIS” <i>Participation in field survey. Statistical processing.</i> Funded by European Commission under 7th Framework Programme</p>

From – To	Employer	Position	Project Description – Funding
October – November 2009	Information Training Local Development (PETA)	Technical Manager, Research Fellow, Project Team Member,	<p>“Specialized training for the employees of Primary Local Authorities in Information & Communication Technologies (ICT), towards the modern municipality. Topic: Energy Management & Exploitation of Renewable Energy Sources using ICT”</p> <p><i>Writing and editing educational material. Coordination of project team members. Production and technical support of audiovisual educational material. Management, supervision and quality control of the produced audiovisual material.</i></p> <p>Funded by OP “Information Society” 3rd CSF</p>
October 2009	Institute of Local Government	Technical Manager, Research Fellow, Project Team Member	<p>“Training and Certification in basic skills and Training in advanced skills in using Information & Communication Technologies for the employees of local government. Topic: ICT Project Management”</p> <p><i>Writing and editing educational material. Coordination of project team members. Production and technical support of audiovisual educational material. Management, supervision and quality control of the produced audiovisual material.</i></p> <p>Funded by OP “Information Society” 3rd CSF</p>
April – August 2009	NTUA	Technical Manager. Project Team Member	<p>“Development of methodology for the calculation of weighting factors for the evaluation criteria of National Energy Strategy and its implementation”</p> <p><i>Creation of questionnaire. Determination of criteria set. Development of methodology estimating weighting factors. Construction of decision support tool. Conducting interviews with academics, MPs, Mayors, NGOs etc.</i></p> <p>Funded by Council of National Energy Strategy</p>
November 2008 – August 2009	NTUA	Project Team Member	<p>“Unified internet environment of municipalities and communities for supplying services to citizens and enterprises – Digital Municipality”</p> <p><i>Supporting the Central Union of Municipalities & Communities of Greece in ICT.</i></p> <p>Funded by Central Union of Municipalities & Communities of Greece under OP “Digital Convergence” NSRF</p>
June – September 2008 October 2006 – May 2007	NTUA	Project Team Member	<p>“Assessment of external cost and profit in the Greek power system”</p> <p><i>Assessment of employment and energy security externalities for the Greek power system. Calculating external costs of PPC’s power plants. Sensitivity and uncertainty analyses for the assessment of external cost-benefit. Writing deliverables.</i></p> <p>Funded by Public Power Company</p>
May 2007 – September 2008 April – September 2006	NTUA	Project Team Member	<p>“CASES: Cost Assessment for Sustainable Energy Systems”</p> <p><i>Gathering and processing data of the Greek and Cypriot power sector. Development and implementation of evaluation methods on environmental policies. Examination of case studies.</i></p> <p>Funded by European Commission under 6th Framework Programme</p>
January – April 2008 June – December 2004	NTUA	Technical Manager	<p>“Fostering & Support of Entrepreneurship for students & graduates through the NTUA Career Office”</p> <p><i>Design and construction of website supporting entrepreneurship actions in NTUA.</i></p> <p>Funded by NTUAT under OPEIVT II, 3rd CSF</p>
October 2007 – March 2008	NTUA	Technical Manager	<p>“NTUA Career Office – 2nd phase”</p> <p><i>Technical report on software requirements. Responsible for software and hardware maintenance.</i></p> <p>Funded by NTUA under OPEIVT II, 3rd CSF</p>
October – November 2007	SPEED Development Consultants	Project Team Member	<p>“Relations between power companies and local communities”</p> <p><i>Study for the social responsibility of electricity utilities on behalf of ANKO (West Macedonia Development Company).</i></p> <p>Funded by Special Development Programme of Kozani prefecture 2007-2011</p>

From – To	Employer	Position	Project Description – Funding
February – June 2006 October 2004 – March 2005	NTUA	Technical Manager	<p>“Development and introduction of entrepreneurship courses and accompanying actions in NTUA – Portal Development” <i>Design and development of portal and e-learning platform both supporting NTUA courses.</i> Funded by NTUA under OPEIVT II, 3rd CSF</p>
October – November 2005	NTUA	Project Team Member	<p>“The emergence of new industrial activities: Fusing services and manufacture” <i>Editing final report.</i> Funded by European Commission under the 5th Framework Programme</p>
April – August 2005	AUEB	Technical Manager	<p>“Fostering entrepreneurial actions, innovative applications and undergraduate courses in AUEB” <i>Setting up educational material on e-learning platform (e-Class).</i> Funded by AUEB under OPEIVT II, 3rd CSF</p>
January 2004 – July 2005	NTUA	Project Team Member	<p>“Development and implementation study of flexible mechanisms of Kyoto Protocol in selected countries of Europe and Eastern Mediterranean” <i>Development of multicriteria analysis methodology. Data gathering and processing. Studying and building projects like forestation/reforestation, power generation, industrial process modernization, CHP, RES, ES. Techno-economic analysis of eligible investment projects. Writing deliverables.</i> Funded by Hellenic Ministry for the Environment, Physical Planning & Public Works with subcontractor the National Observatory</p>
June – August 2004	NTUA	Project Team Member	<p>“Courses upgrade of School of Chemical Engineering NTUA incorporating information technology” <i>Developing software applications for courses’ needs.</i> Funded by NTUA</p>
March – August 2004	NTUA	Project Team Member	<p>“SusTools - Tools for sustainability: Development and application of integrated framework” <i>Development of multicriteria analysis methodology. Meetings with industry representatives. Data processing. Writing final report.</i> Funded by European Commission under the 5th Framework Programme</p>
October 2003 – April 2004	NTUA	Project Team Member, Technical Manager	<p>“Externalities of Energy: Extension of Accounting Framework and Policy Applications” <i>Technical and computational support.</i> Funded by European Commission under the 5th Framework Programme</p>

Annex II: Publications list

International Scientific Journals (peer reviewed)

1. P. N. Georgiou, 2016. A bottom-up optimization model for the long-term energy planning of the Greek power supply sector integrating mainland and insular electric systems. *Computers & Operations Research* 66, pp. 292-312
Impact Factor (2014): 1.861 *Citations: 4*
2. P. N. Georgiou, G. Mavrotas, D. Diakoulaki, 2011. The effect of islands' interconnection to the mainland system on the development of renewable energy sources in Greek power sector. *Renewable & Sustainable Energy Reviews* 15/6, pp. 2607-2620
Impact Factor (2014): 5.901 *Citations: 16*
3. G. Mavrotas, D. Diakoulaki, K. Florios, P. Georgiou, 2008. A mathematical programming framework for the energy planning in services' sector buildings under uncertainty in load demand: The case of a hospital in Athens. *Energy Policy* 36/7, pp. 2415-2429
Impact Factor (2014): 2.575 *Citations: 72*
4. Georgiou P., Tourkolias C., Diakoulaki D., 2008. A roadmap for selecting host countries of wind energy projects in the framework of the Clean Development Mechanism. *Renewable & Sustainable Energy Reviews* 12, pp. 712-731
Impact Factor (2014): 5.901 *Citations: 32*
5. Diakoulaki D., Georgiou P., Tourkolias C., Georgopoulou E., Lalas D., Mirasgedis S., Sarafidis Y., 2007. A multicriteria approach to identify investment opportunities for the exploitation of the Clean Development Mechanism. *Energy Policy* 35/2, pp. 1088-1099
Impact Factor (2014): 2.575 *Citations: 36*
6. Mavrotas G., Florios K., Georgiou P., 2006. Energy planning in buildings under uncertainty in fuel costs: The case of a hospital in Greece. *Computer Aided Chemical Engineering* 21, pp. 1735-1740
Citations: 6

Conferences' proceedings (peer reviewed)

1. P. Georgiou, O. Megalooikonomou, 2014. Study of the methodological approach of Stakeholders and Materiality from leading companies in the cement industry under their Strategy for Corporate Sustainability, 11th Student Conference of Management Science & Technology
2. P. Georgiou, 2013. Economic, energy and environmental benefits of interconnecting Greek islands to the mainland electrical system. 9th Pan-Hellenic Scientific Conference of Chemical Engineering
3. P. Georgiou, 2013. Investigation of the factors that influence the range and the coverage level of sustainability criteria through the corporate responsibility reports. 10th Student Conference of Management Science & Technology
4. P. Georgiou, G. Mavrotas, D. Diakoulaki, 2010. The challenge of interconnecting the Aegean islands to the mainland system in the context of the long-term energy planning of the Greek power sector. 15th National Conference "Energy & Development 2010"
5. Georgiou P., Mavrotas G., Diakoulaki D., 2009. Effective integration of environmental policy constraints into the long-term planning of the Greek power system. 11th Conference on Environmental Science and Technology-2009
6. P. Georgiou, G. Mavrotas, D. Diakoulaki, 2009. Long-term planning of Greek power sector using Mathematical Programming. 7th Pan-Hellenic Scientific Conference of Chemical Engineering
7. Mavrotas G., Georgiou P., Florios K., Diakoulaki D., 2009. Integrated energy optimization of buildings for the effective incorporation of new energy technologies. EnergyReS '09 – 3rd International Exhibition of Energy Efficiency and Renewable Energy Sources
8. C. Tourkolias, P. Georgiou, D. Diakoulaki, 2008. Renewable Energy Sources penetration and its impact on the social costs of power generation. 3rd International Conference on Renewable Energy Sources and Energy Efficiency – ENERTECH 2008
9. G. Mavrotas, D. Diakoulaki, P. Georgiou, K. Florios, 2007. Energy planning in buildings under demand uncertainty using Multi-Objective programming and the minimax regret criterion: An implementation in GAMS. 22nd European Conference on Operational Research EURO XXII
10. G. Mavrotas, D. Diakoulaki, K. Florios, P. Georgiou, 2007. A mathematical programming approach in energy planning for Services' sector buildings under uncertainty in load demand. Power Systems Modelling 2007 Conference
11. Georgiou P., Florios K., Mavrotas G., 2007. Exploring and evaluating investment opportunities under the Kyoto Protocol's Flexible Mechanisms framework combining Multi-Objective Programming and Multicriteria Analysis. 4th Student Conference of Management Science & Technology
12. Mavrotas G., Florios K., Georgiou P., Diakoulaki D., 2007. Energy planning in tertiary sector by using Mathematical Programming. 6th Pan-Hellenic Scientific Conference of Chemical Engineering
13. Theofanopoulou G., Tourkolias C., Georgiou P., Diakoulaki D., Theofilaktos K., 2007. Techno-economic study and cost-benefit analysis of Combined Heat and Power system in a food industry. 6th Pan-Hellenic Scientific Conference of Chemical Engineering
14. Georgiou P., Diakoulaki D., 2007. Feasibility study of investments of Combined Heat and Power systems in industry under the Kyoto Protocol's Flexible Mechanisms. 6th Pan-Hellenic Scientific Conference of Chemical Engineering
15. Diakoulaki D., Tourkolias C., Georgiou P., 2006. Treatment of uncertainty in the assessment of investment opportunities on wind energy in the framework of the Clean Development Mechanism. 19th Mini-EURO Conference / Operation Research Models & Methods in the Energy Sector (ORMMES 2006)
16. G. Mavrotas, K. Florios, P. Georgiou, D. Diakoulaki, 2006. A MOMILP model for hospitals energy rehabilitation handling uncertainty in load profiles. 19th Mini-EURO Conference / Operation Research Models & Methods in the Energy Sector (ORMMES 2006)
17. Florios K., Georgiou P., Mavrotas G., 2006. Energy planning of hospital's energy needs under uncertainty. 3rd Student Conference of Management Science & Technology
18. Mavrotas G., Florios K., Georgiou P., 2006. Energy planning in buildings under uncertainty in fuel costs: The case of a hospital in Greece. 16th European Symposium on Computer Aided Process & 9th International Symposium on Process Systems Engineering
19. Diakoulaki D., Dimitropoulos G., Georgiou P., Tourkolias C., Georgopoulou E., Mirasgedis S., Sarafidis Y., Lalas D., 2006. Promoting wind energy through the flexible mechanisms of the Kyoto Protocol. European Wind Energy Conference & Exhibition 2006
20. Georgiou P., Tourkolias C., Diakoulaki D., Georgopoulou E., Mirasgedis S., Sarafidis Y., Lalas D., 2005. Multicriteria evaluation of

- investment opportunities for the exploitation of the flexible mechanisms of the Kyoto Protocol. 9th Conference on Environmental Science and Technology-2005
21. Georgiou P., Tourkolias C., Diakoulaki D., Georgopoulou E., Mirasgedis S., Sarafidis Y., 2005. Investigation and multicriteria analysis of investment opportunities under the Kyoto Protocol's Flexible Mechanisms framework. 5th Pan-Hellenic Scientific Conference of Chemical Engineering
 22. Mavrotas G., Georgiou P., 2005. The implementation of multi-objective mathematical programming in process optimization. 5th Pan-Hellenic Scientific Conference of Chemical Engineering
 23. Georgopoulou E., Mirasgedis S., Sarafidis G., Diakoulaki D., Georgiou P., Tzoura D., 2003. Multicriteria analysis of investment opportunities in Balkan countries under the Kyoto Protocol's Flexible Mechanisms framework. 1st Meeting of Multicriteria Decision Analysis

Reviewer in Scientific Journals

1. Energy – The International Journal (Elsevier)
2. European Journal of Operational Research (Elsevier)
3. Renewable & Sustainable Energy Reviews (Elsevier)
4. Computers & Operations Research (Elsevier)
5. Annals of Operations Research (Springer)
6. Carbon Balance and Management Journal (BioMed Central)
7. Environment, Development and Sustainability (Springer)
8. Sustainability (MDPI)
9. African Journal of Agricultural Research (Academic Journals)

Educational Material

1. Paraskevas Georgiou, 2012. Feasibility Study, Business Plan, Business Game. Teaching notes for the 9th semester undergraduate course "Economics of the enterprise - Entrepreneurship" of School of Applied Mathematical and Physical Science NTUA
2. Paraskevas Georgiou, 2013. Corporate Responsibility. Teaching notes for the 3rd semester postgraduate course "Systems and Tools for Environmental Management" in "Master of Organization & Administration of Industrial Systems" with specialization in "Systems of Energy Management and Environmental Protection" of the University of Piraeus and NTUA
3. Paraskevas Georgiou et al. 2009. ICT Project Management. Educational material for the project "Training and Certification in basic skills and Training in advanced skills in using ICTs for the employees of local government"
4. Paraskevas Georgiou et al. 2009. Energy Management & Exploitation of Renewable Energy Sources using ICT. Educational material for the project "Specialized training for the employees of Primary Local Authorities in Information & Communication Technologies (ICT), towards the modern municipality"
5. George Mavrotas, Paraskevas Georgiou, 2007. Section IV: Simulation of investment & entrepreneurial decisions. Business Game. Educational material for the 9th semester undergraduate course "Simulation of investment & entrepreneurial decisions" of School of Chemical Engineering NTUA