



Europass Curriculum Vitae

PERSONAL INFORMATION

Name	CONSTANTINOS S. PSOMOPOULOS
Address	250, Thivon St., Egaleo, GR-12244, ATHENS, GREECE
Telephone	+30 2105381182, +30-6974509948
Fax	+30-210-5381321
E-mail	cpsomop@uniwa.gr , cpsomop@gmail.com
Nationality	Hellenic
Marital Status	Married with two children
Date of birth	16/ 07/1973

WORK EXPERIENCE

- Dates (from – to) 02/03/2018-present
- Name and address of employer University of West Attica
- Type of business or sector Electrical and Electronics Engineering Department
- Occupation or position held Professor
- Main activities and responsibilities Professor - Director of the High Voltage and Energy Systems Research Lab
Head of EcoDesign and Sustainable Resource Management Research team.
Head of the postgraduate studies Committee in PhD level of the Department.
Erasmus Coordinator of the Faculty of Engineering of the University.

- Dates (from – to) 04/09/2014-02/03/2018
- Name and address of employer Piraeus University of Applied Science (TEI of Piraeus)
- Type of business or sector Electrical Engineering Department
- Occupation or position held Professor - Vice President
- Main activities and responsibilities Vice President of the Department
President of the Quality Assurance Committee of the Department

- Dates (from – to) 08/03/2016-02/03/2018
- Name and address of employer Piraeus University of Applied Science (TEI of Piraeus)
- Type of business or sector Electrical Engineering Department
- Occupation or position held Professor (full)
- Main activities and responsibilities
 - Courses:
 - Energy and Environment (2016- 2018)*
 - High Voltage Engineering (2016 - 2018)*
 - Electric Measurements (2016 - 2018)*
 - Surge and Overvoltage Protection in Buildings (2016 - 2018)*
 - Director of the High Voltage and Power Systems Research Lab
 - Head of High Voltage Laboratory
 - Director of the Electric Power Division of the Electrical Engineering Department
 - Vice Director of the M.Sc. Program “Optimization and Energy Management of Systems”
 - MSc Courses coordinator and instructor :
 - Modern Measuring Techniques and Sensors (2014 – 2018)*
 - Energy Efficiency Optimization in the Industrial Sector and Procedures (2014 – 2018)*
 - Ecodesign of Energy Related Systems (2014 – 2018)*
 - Small Scale Combined Heat and Power and RES Applications (2014 – 2018)*
 - MSc Courses instructor :
 - Power Installations & Equipment Maintenance (2014 – 2018)*

- Member of Electrical Engineering Department Council
 - Head of environmental and recycling actions of the Electrical Engineering Department
 - Erasmus Council and Departmental Representative (2014 – 2018)
- Dates (from – to) 06/2016-07/2016
- Name and address of employer University d' Auvergne, Clermont Ferrant France
- Type of business or sector LAEPT Laboratory, Institute, of Technology - Engineering Sciences
 - Occupation or position held Visiting Professor
- Main activities and responsibilities
- Research Professor in LAEPT focusing on Fuse operation
 - Development of a Conference in Fuse operation and cooperative research activities
- Dates (from – to) 04/07/2012-08/03/2016
- Name and address of employer TEI of Piraeus
- Type of business or sector Electrical Engineering Department
 - Occupation or position held Associate Professor
- Main activities and responsibilities
- Courses:
 - Electromagnetic fields for Engineers (2012- 2013)*
 - Energy and Environment (2012- 2016)*
 - High Voltage Engineering (2012 - 2016)*
 - Electric Measurements (2012 - 2016)*
 - Surge and Overvoltage Protection in Buildings (2012 - 2016)*
 - Head of High Voltage Laboratory
 - Director of the Electric Power Division of the Electrical Engineering Department
 - Vice Director of the M.Sc. Program "Optimization and Energy Management of Systems"
 - MSc Courses coordinator and instructor :
 - Modern Measuring Techniques and Sensors (2014 – 2016)*
 - Energy Efficiency Optimization in the Industrial Sector and Procedures (2014 – 2016)*
 - Ecodesign of Energy Related Systems (2014 – 2016)*
 - Small Scale Combined Heat and Power and RES Applications (2014 – 2016)*
 - MSc Courses instructor :
 - Power Installations & Equipment Maintenance (2014 – 2016)*
 - Member of Electrical Engineering Department Council
 - Head of environmental and recycling actions of the Electrical Engineering Department
- Dates (from – to) September 2011 - present
- Name and address of employer Earth Engineering Centre, Columbia University, NY
- Type of business or sector University Research Centre
 - Occupation or position held Associate Researcher
- Main activities and responsibilities
- Scientific Research on energy and materials recovery from wastes, sustainable resources management, energy recovery optimization from WTE facilities
- Dates (from – to) 4/10/2007- 3/07/2012
- Name and address of employer TEI of Piraeus
- Type of business or sector Electrical Engineering Department
 - Occupation or position held Assistant Professor
- Main activities and responsibilities
- Courses:
 - Electromagnetic fields for Engineers (2011-2012)*
 - Energy and Environment (2011-2012)*
 - High Voltage Engineering (2007 - 2012)*
 - Special Issues in High Voltage Engineering (2007-2011)*
 - Electric Power Systems I (Power Generation and Energy Economics) 2007-2011*
 - Electric Measurements (2010)*
 - Head of High Voltage Laboratory
 - Director of the Electric Power Division of the Electrical Engineering Department
 - Member of Electrical Engineering Department Council
 - Head of environmental and recycling actions of the Electrical Engineering Department
- Dates (from – to) 05/2007-2009
- Name and address of employer NRG-Orion-Thomas Matopoulos SA
- Type of business or sector Energy Savings & Photovoltaic's
 - Occupation or position held Energy and Infrastructure Consultant
- Main activities and responsibilities
- Consultant in issues regarding

- *Design, construct and installation of customized electrical – electronic components for Energy Saving Systems in industry*
 - *Overvoltage protection systems for photovoltaic parks*
 - *Earthing systems*
- Dates (from – to) 2003-2007
- Name and address of employer EPTA Ltd
- Type of business or sector Environmental Engineers - Consultants
 - Occupation or position held Electromechanical Installations - Energy Consultant
- Main activities and responsibilities Consultant in issues and facilities design and operation regarding
- *Electromechanical Works*
 - *Energy management and efficiency systems, EcoDesign*
 - *Solid and Liquid Wastes Management*
 - *Energy and materials recovery from wastes*
- Dates (from – to) 2003-2007
- Name and address of employer TEI of Piraeus
- Type of business or sector Electrical Engineering Department
 - Occupation or position held Visiting Professor
- Main activities and responsibilities
- Courses:
 - Special Issues in High Voltage Engineering
 - High Voltage Laboratory
- Dates (from – to) 2003-2006
- Name and address of employer Thyssen Krupp Marine Systems, Hellenic Shipyards Co Skaramanga Yard
- Type of business or sector – Electrical Maintenance Department
 - Yard Operations, Infrastructure Projects
- Occupation or position held Electrical Engineer
- Main activities and responsibilities Yard Operations – Department of New Projects and Infrastructure Extension, Head Electrical Engineer : Electrical Installations Erection for the Submarines Construction Facilities and Works executed for the Extension of HSY Infrastructures
Yard Operations – Department of Electrical Maintenance, Head of Electrical Maintenance II : electromechanical equipment (cranes, crane bridges, overhead cranes, heavy and light machinery and automatic machines and tools)
- Dates (from – to) 2001-2003
- Name and address of employer National Technical University of Athens
- Type of business or sector School of Electrical and Computer Engineering
 - Occupation or position held Researcher
- Main activities and responsibilities Development Program of the Electrical and Computer Engineering School, Division of Industrial Electric Devices and Decision Systems. Activities :
- a) Development of a Tool for Digital Measurements, Software Development, Test and Measurement Processes, Measurements System's Accuracy Verification.
 - b) Technical and Administrative Support of the Development Program
- Dates (from – to) 2001-2002
- Name and address of employer NRG-ORION Ltd.
- Occupation or position held Technical Manager in South Greece
- Main activities and responsibilities Activities: Design, construct and installation of customized electrical – electronic components for Energy Saving Systems in industry.
- Dates (from – to) 2000-2002
- Name and address of employer P.C. Insula Trade Ltd
- Occupation or position held Post in the Technical Department
- Main activities and responsibilities Activities: Design of special or customized electrotechnical components.
- Dates (from – to) 1997-2007
- Name and address of employer Electrical & Computers Engineer, Consultant
- Main activities and responsibilities Participation in the Design and/or supervision in a significant number of Electromechanical, Environmental and Energy projects. Major Projects are :

- 5,1MW Wind Park in Evia Island
- Military Campus and Solid Waste Landfills Installations in Samos Island
- N. Epidavros Sewage Treatment Plant
- Purnari II Hydroelectric Power Plant
- FGD Plant at Megalopolis III Power Station
- Energy Audits in Public Buildings of N. Penteli and Egaleo Municipalities.
- Energy Audits and Electricity Consumption Reduction Measures in Industrial Processes : Implementation in Mouzakis S.A. (Textiles Industry), Gioula S.A. (Greek Glass Industry).
- Energy Audits and detailed Engineering for Reduction of the Energy Consumption in Public Buildings at municipalities of Ag. Varvara, Kamatero and Petroupoli.
- Construction of Solid Waste Mechanical Biological Treatment Plant at A. Liosa Area
- Electromechanical Works for the Laser and Nuclear Physics Laboratory of The Physics Building in NTUA Campus
- Rehabilitation of the Solid Waste Deposit Areas In Manolada & N. Manolada Municipals, in Samos Island and Nafpaktos Area.
- Design of Municipal Solid Waste Management Infrastructure in Mykonos, Kos, Ios, Syros, Xios and Kythnos islands.
- Construction Design of Municipal Solid Waste Management Infrastructure in Samos, Mykonos, Zakyntos and Alonissos islands
- Consultant for The Construction of Municipal Solid Waste Management Infrastructure in Astypalaia Island
- Design of Municipal Solid Waste Management Infrastructure in Volos Area
- Design of Waste Water Treatment Plant Upgrade in Mykonos Island
- Design of Municipal Solid Waste Transfer Station for the City of Athens and Attica Region.
- Design and Supervision of the Extension and Upgrade of the Facilities of EMEK S.A. (Steel Infrastructures Construction Company)
- A significant number of Electromechanical Projects (Design and/or Construction) in the Field of Environmental Protection, Waste Water Management Infrastructures, Energy Savings and CO₂ Emissions Reduction, etc.

EDUCATION AND TRAINING

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|--|---|
| <ul style="list-style-type: none"> • Dates (from – to) | 1998-2002 |
| <ul style="list-style-type: none"> • Name and type of organisation providing education and training | National Technical University of Athens,
School of Electrical and Computer Engineering |
| <ul style="list-style-type: none"> • Principal subjects/occupational skills covered | Post-graduate studies |
| <ul style="list-style-type: none"> • Title of qualification awarded | Ph.D. on Electrical and Computer Engineering |
| | |
| <ul style="list-style-type: none"> • Dates (from – to) | 1992-1997 |
| <ul style="list-style-type: none"> • Name and type of organisation providing education and training | National Technical University of Athens,
School of Electrical and Computer Engineering |
| <ul style="list-style-type: none"> • Principal subjects/occupational skills covered | Electrical and Computer Engineering |
| <ul style="list-style-type: none"> • Title of qualification awarded | Diploma |

PERSONAL SKILLS AND COMPETENCES

Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.

MOTHER TONGUE

Hellenic

OTHER LANGUAGES

	English	German	French
• Reading skills	Excellent	Basic	Moderate
• Writing skills	Excellent	Basic	Moderate
• Verbal skills	Excellent	Basic	Moderate

SOCIAL SKILLS

AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

ORGANISATIONAL SKILLS AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

Participation in research projects

- EPEAEK 94-99 part 2.1.c. "Recreation of the education programs of the preliminary professional training" Organization of Professional Education and Training. Training Guide of the Specialty : Electrical Technician of Electrical Installations, of O.P.E.T. as a professional (manager P.D. Bourkas Prof. NTUA)
- PENED 61/0972/ program entitled : "Development of new methods for the evaluation of molecules with antioxidise properties", with program manager the Prof. of the University of Ioannina Mr. D. Galari and manager for the NTUA the Prof. N.J. Theodorou. Activities : Measurements of the Electrical Resistivity of Blood Cells and Antioxidise Molecules.
- Development Industrial Research (PABE) 99BE415 entitled : "Estimation of the lifetime of the distribution network transformers of the Public Power Corporation" with program manager P.D. Bourkas Prof. NTUA and manager from the P.P.C. Dr. P. Raitsios.
- Senior Expert, "Dissemination of Energy Efficiency Measures in the Public Buildings Sector, Intelligent Energy Europe, 2005-2007
- Senior Expert, "Climate Alliance for Mediterranean Cities – MedClima", LIFE-Environment Project, 2002-2005
- Senior Expert, "EMAS and Information Technology in Hospitals" – e-HospitalEMAS, LIFE - Environment Project, 2004 – 2007.
- Project Manager and Senior Expert, Study for preparing the first Working Plan of the EcoDesign Directive, ENTR/06/026". Service Contract for EU/DG ENTR, 2007.
- Senior Expert for the project SEELight, (South-East European Lambda Network Facility for Research and Education), HiPERB, MFA, 2009-2013.
- Preparation and Certification Material for the Technical occupations in Greece, Jan - Feb 2012.
- Expert Trainer in EU Legislation Directive 96/57/EC και EcoDesign Directive 2005/32/EC for the Project: "Technical Assistance to Ukrainian Quality Infrastructure in Ukraine - EuropeAid/126112/C/SER/UA/8", 2010.
- Vice Project Manager and Senior Researcher in the project "Investigation of the Possibility of Energy Saving in Existing DC Motor Drive Systems in the Hellenic Territory and the Quality of Electric Power in These Systems" under the call Archimedes III, funded by EU Structural funds and Hellenic Ministry of Education
- Certification of PhotoVoltaic Installations DQS HELLAS Ltd, December 2012 - December 2013.
- Senior Expert in the evaluation of the insulation condition of the oil-insulated traction transformers in line 1 of Athens Metro August – November 2013
- Referee for the European Metrology Research Programme (EMRP) Sector Energy 2013
- Referee for the European Metrology Research Programme (EMPIR) Sector Industry 2014
- Evaluation of the condition of the machinery and equipment of the kitchens in Agios Savvas AntiCancer Hospital of Athens September 2014.
- Consultation on the development of new maintenance procedures of the electromechanical equipment of the Agios Savvas AntiCancer Hospital of Athens. August 2015 – January 2016.
- Referee for the European Metrology Research Programme (EMRP) Sector Energy, Normative, 2016
- Senior Researcher in the industrial research project entitled : "Development of a Systems for Remote Management of an Illumination Network using M2M technologies and Expansion in Smart Grids", March – November 2015
- Evaluation Committee Member of the ClimateKIC –Malta June 2017
- Member of the Experts committee for the revision of the Ecodesign Regulation EU 548/2014 on Power Transformers (2015 – today)
- Member of the experts Committee for the Development of the EU Green Public Procurement (GPP) Criteria for Data Centres (2017 – today)
- Scientific Director and Senior Expert on the Research Programme Diagnostics and Evaluation of the Operational Condition of Transformers and Electric Machines and Special Measurements 01/2016 – today.
- External Senior Expert for ECOS in the EU Funded Project INTAS Industrial and Tertiary Product Testing and Application of Standards, 2018
- External Senior Expert represented ECOS in the 3rd Stakeholder Meeting for the Ecodesign Preparatory Study on PV modules, inverters and PV systems for the Tasks 6 and 7 and the proposed methods for efficiency evaluation, July 2019.

- External Expert and Instructor in Montenegro for the HERE Seminar “The Positioning and Distinguishing of Applied Studies in Montenegrin Higher Education Reforms”
- Researcher in the Greek Secretariat for Research and Technology, and the EU, project HealthSign: Analysis of Sign Language on mobile devices with focus on health services T1EΔK-01299.
- Senior Researcher in the EU funded project “ASSET - A holistic and Scalable Solution for research, innovation and Education in Energy Transition” May 2019 – May 2021
- Project Manager and Senior Researcher in the Project : SF6 and fluorinated gasses in Electrical Infrastructure, funded by IPTO, Greece

Cooperation with Research Institutes

- Research Associate in Earth Engineering Center, Columbia University, New York NY 10027, U.S.A. (Sept 2011 – present)
- Universite Clermont Auvergne, Plasma Physics Lab, Clermont Ferrant, France (June 2016 – today)

**TECHNICAL SKILLS
AND COMPETENCES**
*With computers, specific kinds of
equipment, machinery, etc.*

Excellent level of Microsoft Office (Word, Excel, PowerPoint, Access), Microsoft Publisher, Visio, Microsoft Project, AutoCAD, Primavera Project Planner, 4M Software (Specialized Software for Electromechanical Installations Calculations), DIALUX, CALCULUX. OpenLCA, MEErP

**OTHER SKILLS
AND COMPETENCES**
Competences not mentioned above.

Reviewer in Scientific Journals

- Energy, Elsevier Science
- Electric Power Systems Research, Elsevier Science
- International Journal of Electrical Power and Energy Systems, Elsevier Science
- IET Renewable Power Generation, IET.
- Waste Management & Research, Sage Publishing
- The Energy Journal, International Association for Energy and Economics
- Journal of Engineering Science and Technology Review
- Energy Efficiency, Springer Publishing
- Waste Management, Elsevier Science
- Journal of Cleaner Production, Elsevier Science
- Journal of Engineering Science and Technology Review
- Resources, Recycling and Conservation, Elsevier Science
- Energies, MPDI
- Sustainability, MPDI
- Recycling, MPDI
- Social Sciences, MPDI
- Applied Sciences, MDPI
- Processes, MDPI
- Sensors, MDPI
- Materials, MDPI

Member of the Editorial Board of Scientific Journals

- Global Journal of Environmental Science and Technology, Simplex Academic Publishers

Guest Editor

1. Journal “Sensor and Transducers” Special Issues : Sustainable and Smart Resources’ Management in Cities: Role of Sensors and Measuring Procedures
2. Journal “Sensor and Transducers” Special Issues: Sensors and Metering Procedures in Power Generation, Transmission and Distribution
3. Journal “Sensor and Transducers” Special Issues : Sensors and Measurements in Critical Infrastructure Protection
4. Journal “Sensor and Transducers” Special Issues : Sensors and Measuring Procedures in Industrial Processes and Applications
5. Social Sciences MDPI : Social and Economic Aspects of Waste Management
6. Applied Sciences MDPI : Advances in Industrial Waste Reduction
7. Energies MDPI : Big Data and Advanced Analytics in Energy Systems and Applications
8. Sensors MDPI : Smart Sensor Networks for Smart Grids

Seminars – Education Programs

- From October 1997 to June of 2000, participation as a member of the teaching team (under Prof. Bourkas) in 15 seminars/education programs to the technical personnel of the Public Power Corporation of Greece. The seminars concerned the equipment and apparatus of

P.P.C. which are installed in the high and low voltage network (transformers, insulators, electric contacts and switches, etc).

- Participation as a member of the teaching team (under Prof. Bourkas) in one seminars/education program to the Organization of Professional Education and Training in Corfu, July 1999.
- Scientific Coordinator and Rapporteur in 2 seminars of the Training Center of the Hellenic Society of Chemical Engineers : “Energy Audit Procedures in Industry and Buildings –Energy Saving Measures”
- Rapporteur in one seminar to the Technical Personnel of Municipality of Athens : “Project Management”.
- Rapporteur in the seminars of Technical Chamber of Greece for engineers : “Energy Performance Studies in the Building Sector”, November 2010 – February 2011.
- Rapporteur in the seminar of Technical Chamber of Greece - Evritania Prefecture Department: “Energy Performance Studies and Energy Audits in the Building Sector”, February 2011.
- Member of the authors’ team and editing team for the “Guides for Energy Auditing in Buildings and Tertiary Sector”, Technical Chamber of Greece Publication for the preparation and examination of the authorized energy auditors, 2011.
- Scientific Director and Rapporteur in the seminars of T.E.I. Piraeus : “Training of the candidate energy auditors in buildings sector, heating and cooling equipment”, February 2012 – today.

Other scientific activities

- Member of the Technical Chamber of Greece with membership No. 77853.
- Member of CIGRE since 1997.
- Member of the IET since 2000.
- Member of WTERT – Greece since 2009
- Vice President of WTERT – Greece since 2012
- Member of the Technical Committee of the Institute of Accelerating Systems and Applications that select and received special electromechanical equipment (2000-2001).
- CS. Psomopoulos, C.G. Karagiannopoulos, P.D. Bourkas, Electric magnitudes measurements in high voltage equipment and apparatus during their electric stress, through A/D converters, “Monthly Technical Inspection”, No 102, October 2000, p.p. 18-27.
- One presentation in the 1998 Conference of Cigre in Rhodes, 14-15 May 1998.
- One presentation in the 2000 Conference of Cigre in Volos, 18-19 May 2000.
- One presentation on Energy Efficiency and Energy Saving Measures in Hospital and Medical Facilities in 2nd Hellenic Conference on Management, Economics and Health Policies, Athens 13-16 November 2006
- One presentation on Energy Efficient Illumination Systems during the Green Procurement in Public Sector Workshop, Athens 26 January 2007
- One speech about «Energy Savings in daily actions and Energy Behavior» in the Forum «Discussing about Energy, Energy Savings – Everyone Wins» Ag. Varvara December 19th 2011.
- One speech about «The role of product’s EcoDesign perspective in achieving sustainability» in the 4th innoFORUM 2012 – GREEN INNOVATION, AIT, Athens May 25th 2012.
- Member of the team (under Prof P.D. Bourkas) that investigated the reasons and the solution of problems caused by a lightening strike at ATTIKO METRO Installations in Sepolia, December 2000.
- Member of the team (under Prof P.D. Bourkas) that inspected the electromechanical installations of Pammakaristos Hospital Surgeries, May 2001.
- Member of the team (under Prof P.D. Bourkas) that inspected the electromechanical installations of Evangelismos Hospital Surgeries, September 2001
- Invited Speaker in the event «Towards Zero Carbon Economy Beyond 2030, Sustainable Urban Centers” on 29th of May 2017 in Malta, under the Maltese Presidency of EU
- Reviewer of the IPCC Sixth Assessment Report WGIII AR6

Other Teaching experience

Teaching experience in NTUA in exercises and laboratory exercises of the courses:

Electrical Design (1995-2002)

Electrical Measurements I (1996-2002)

Electrical Measurements II (1996-2002)

Electromechanical Installations in Industry and Buildings (1996-2002).

Hospital Installations and Function Principles of Biomedical Machines (1997-2002)

Insulating Materials (1997-2002).

Published Papers as Invited Book chapters

1. C.S. Psomopoulos, C.G. Karagiannopoulos, Chapter 8 : Arcing and Fusion Process of Exploding Wires in Industrial Applications, in “Electric Power Research Trends”, Nova Science Publishers Inc., Editor M.C. Schmidt, New York 2007, ISBN-13:978-1-60021-978-8.
2. C.S. Psomopoulos, Chapter 6 : Can Waste-to-Energy of as-received or Pre-Processed (RDF/SRF) Municipal Solid Wastes Support the Electricity Generation Sector? EU Experience and a Case Study with Two Different Senarios for Greece, in “Waste Management: Research Advances to Convert Waste to Wealth”, Nova Science Publishers Inc., Editor A. K. Haghi, New York 2010, ISBN: 978-1-61668-414-3.
3. C.S. Psomopoulos, G.C. Ioannidis, S. Tsiolis, Chapter 8 : An Evaluation of Standby Losses Affect in Power Demand due to High Penetration of Small Electronic Devices, in: “Advances in Energy Research. Volume 9”, Nova Science Publishers Inc., Editor Morena J. Acosta, New York 2011, ISBN-978-1-61470-485-0.
4. C.S. Psomopoulos, Chapter 56 : Solar Energy: Harvesting the Sun’s Energy for Sustainable Future, in : “Handbook of Sustainable Engineering”, Editors J. Kauffman, K.-M. Lee, Springer Science & Business Media, Dordrecht, 2013, DOI 10.1007/978-1-4020-8939-8 117, ISBN 978-1-4020-8939-8
5. C.S. Psomopoulos, G. Ch. Ioannidis, S.D. Kaminaris, Chapter 6 : Electricity Production from Small-Scale Photovoltaics in Urban Areas, in “Promoting Sustainable Practices through Energy Engineering and Asset Management”, Editors Vicente González-Prida, Anthony Raman, Engineering Science Reference (IGI Global), Hershey PA, 2015, ISBN 978-1-4666-8222-1
6. C.S. Psomopoulos, G. Ch. Ioannidis, S.D. Kaminaris, Chapter 18. "Electricity Production from Small-Scale Photovoltaics in Urban Areas." In Renewable and Alternative Energy: Concepts, Methodologies, Tools, and Applications, ed. Information Resources Management Association, 618-656 (2017). doi:10.4018/978-1-5225-1671-2.ch018

Published Papers in Scientific Journal

1. C.G. Karagiannopoulos, D.P. Agoris, C.S. Psomopoulos, P.D. Bourkas: Potential measurements on electric contacts. An experimental investigation, Measurement, Journal of the International Measurement Confederation, Vol. 27 (1), 2000, 61-69.
2. D.P. Agoris, C.G. Karagiannopoulos, P.D. Bourkas, C.S. Psomopoulos: Aging effects on solid insulators concerning the form of the stressing pulse, IASTED, International Journal of Power & Energy Systems, Vol.20 (2), 2000, 86-90.
3. P.D. Bourkas, C.G. Karagiannopoulos, D.P. Agoris, C.S. Psomopoulos: The effective capacitance of a solid-liquid dielectric combination under high impulse voltages application, IASTED, International Journal of Power & Energy Systems, Vol. 27 (3), 2000, 113-118.
4. C.G. Karagiannopoulos, C.S. Psomopoulos, P.D. Bourkas: A Theoretic and Experimental Investigation in Stationary Electric Contacts, Inst. of Phys. Pub. Modelling and Simulation in Materials Science and Engineering, vol. 9, 2001, 181-192.
5. D.P. Agoris, C.G. Karagiannopoulos, A. Spinakis, C.S. Psomopoulos: Statistical treatment of insulation failure data with the application of simplified regression method in the high voltage laboratory, International Journal of Modelling and Simulation, Vol. 22 (1), 2001, 1-7
6. P.L. Mourgos, C.G. Karagiannopoulos, C.S. Psomopoulos, P.D. Bourkas, N.I. Theodorou: An evaluation method for the prediction of the maximum remaining life of measuring transformers in 150kV power systems, International Journal of Modelling and Simulation, Vol. 22 (1), 2001, 17-22
7. C.S. Psomopoulos, C.G. Karagiannopoulos: Measurements of fusible elements during current interruption and interpretation of related phenomena, Measurement, Journal of the International Measurement Confederation, Vol. 32, 2002, 15-22.
8. C.S. Psomopoulos, C.G. Karagiannopoulos: Temperature distribution of fuse elements during pre-arcing period, Electric Power Systems Research, Vol. 61, 2002, 161-167.
9. C.G. Aronis, C.S. Psomopoulos, C.G. Karagiannopoulos, P.D. Bourkas: A Model Regarding Electrical Contacts in Advance Degradation, International Journal of Modelling and Simulation, Vol. 26 (2), 2006, 169-173.
10. C.S. Psomopoulos, A. Bourka, N.J. Themelis: Waste-to-energy: A review of the status and benefits in USA, Waste Management, Vol 29, 2009, 1718-1724
11. C.S. Psomopoulos, I. Skoula, C. Karras, A. Chatzimpiros, M. Chionidis: Electricity savings and CO2 emissions reduction in buildings sector: How important the network losses are in the calculation?, Energy, Vol. 35 (1), 2010, 485-490
12. C.S. Psomopoulos, C. Stavroulakis, V. Stavropoulos, N.J. Themelis, Greenhouse gases emission reduction potential in Greece by implementing WTE facilities in strategically selected urban areas, Fresenius Environmental Bulletin, 22 (7a), 2013, 2042 – 2047

13. C.S. Psomopoulos, A.D. Papadiotis, N.J. Themelis, Evaluating the potential for energy recovery from wastes on Greek islands, *Fresenius Environmental Bulletin*, 22 (7b), 2013, 2111 - 2116
14. C.S. Psomopoulos, G.C. Ioannidis, Y. Karras. Role of low-voltage/NH fuselinks rated voltage in distribution network losses. An evaluation based on the Hellenic low-voltage distribution network. *IET Generation Transmission & Distribution*, 2014, 8 (5), pp. 803–810, DOI:10.1049/iet-gtd.2013.0520
15. C.S. Psomopoulos, Residue Derived Fuels as an Alternative Fuel for the Hellenic Power Generation Sector and their Potential for Emissions Reduction, *Energy*, 2014, 2 (3), 321–341, doi:10.3934/energy.2014.3.321
16. C.S. Psomopoulos, N. Chatziaras, G.Ch. Ioannidis, P. Karaisas, The role of the New Commission's proposal to minimize the Climate impacts of biofuel production in energy and transport sectors, *Fresenius Environmental Bulletin*, 11/2014; 23(11):2687-2694.
17. C.S. Psomopoulos, I. Venetis, N.J. Themelis, The impact from the implementation of Waste to Energy to the economy. A macroeconomic approach for the trade balance of Greece, *Fresenius Environmental Bulletin*, 11/2014; 23(11):2735-2741.
18. S.D. Kaminaris, G.C. Ioannidis, C.S. Psomopoulos: An evaluation of Standby Losses Effect in Power Demand in Greek Urban Households, *Journal of Energy and Power Engineering*, David Publishing 05/2015; 9:459-472. DOI: 10.17265/1934-8975/2015.05.005.
19. C.S. Psomopoulos, N.J. Themelis: The combustion of as-received and pre-processed (RDF/SRF) municipal solid wastes as fuel for the power sector, *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, 2015, 37(16):1813-1820 DOI:10.1080/15567036.2011.639845
20. C.S. Psomopoulos, G.Ch. Ioannidis, S.D. Kaminaris, K.D. Mardikis, N.G. Katsikas : A Comparative Evaluation of Photovoltaic Electricity Production Assessment Software (PVGIS, PVWatts and RETScreen), *Environ. Process.* (2015) 2(Suppl 1): 175-189, <https://doi.org/10.1007/s40710-015-0092-4>
21. N. Chatziaras, C.S. Psomopoulos, N.J. Themelis: Use of waste derived fuels in cement industry. A review, *Management of Environmental Quality : An International Journal*, 2016, 27 (2), 178-193
22. P. Chaliki, C.S. Psomopoulos, N.J. Themelis: WTE plants installed in European Cities. A review of success stories, *Management of Environmental Quality, Management of Environmental Quality: An International Journal*, 2016, 27(5) pp. 606 - 620
23. M. Papoutsidakis, C. Psomopoulos, G. Ioannidis and D. Tseles, 'Motion Sensors and Transducers to Navigate an Intelligent Mechatronic Platform for Outdoor Applications', *Sensors & Transducers*, Vol. 198, Issue 3, March 2016, pp. 16-24
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AWARDS

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- Vice President of the WTERT Greece June 2012 - today
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- Papers Reviewer for the "International Conference on Power and Energy Systems – EuroPES 2001", Rhodes, Greece.
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