



Charalampos Tziogas


DATE OF BIRTH:

4 Sep 1984

CONTACT

Nationality: Greek

Gender: Male

 Pontou 46, Kalamaria,
Thessaloniki
55131 Thessaloniki, Greece

Ol. Diamanti 20, Thessaloniki,
Centre
54624 Thessaloniki, Greece

 tziogas.babis@gmail.com

ctziogas@auth.gr

ctziogas@komvos.edu.gr

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(+30) 6941599974

 <https://www.ctziogas.gr>



ABOUT ME

Dr. Charalampos Tziogas studied Mechanical and Industrial Engineering at Polytechnic School, Democritus University of Thrace, (D.U.Th.). He holds a M.Eng. in Construction Management and an M.B.A. focused in Marketing in Digital Era. In 2019, Mr. Tziogas received the Ph.D. diploma in Mechanical Engineering at School of Mechanical Engineering, Faculty of Engineering, Aristotle University Thessaloniki (A.U.Th.). Dr. Tziogas has long teaching experience in university lectures and distance learning courses as well as the preparation of teaching material. During his employment in Aristotle University of Thessaloniki, Greece he was involved in the undergraduate courses: Industrial Management and Reengineering Procedures, System Dynamics, Forecasting, Investment Analysis and Evaluation, Simulation Architecture and Development, Product and Life Cycle Analysis, Entrepreneurship and Project Management. Novel, innovative educational tools and tailored material were developed so as to successfully serve each course and meet the students' needs. Innovative teaching platforms (custom CRM systems, online simulations and spreadsheets) have been developed under his supervision so as to serve the best in the teaching experience and students' engagement. Beyond his scientific interests in the areas of energy systems management, business organization and management, sustainable development, innovative entrepreneurship and investment tool development, and sustainable supply chain management, he has established useful methods that were efficiently applied in training schemes that organized and customized according to the young and early career entrepreneurs (via Young Entrepreneurs-NE and YES for Europe). Since 2009, Dr. Tziogas runs and maintains a Technical Company, (C.A.Tziogas & Associates – Consulting Engineers), with technical and research projects oriented mainly in Thessaloniki and Central Macedonia areas. As an active citizen, he has an active engagement in numerous research communities, charitable and non-profit organizations, such as: System Dynamics Society, Youth Entrepreneurship – NE, European Confederation of Young Entrepreneurs (Yes for Europe), Technical Chamber of Greece, Project Management Institute, e.t.c., serving in vital positions, such as: lecturer, Vice President, member of the executive committee of Innovation, Competitiveness and Entrepreneurship, and ambassador for the A.U.Th, respectively.

EDUCATION AND TRAINING

23 APR 2011 – 19 OCT 2019 – Polytechnic School, Department of Mechanical Engineering, , Laboratory of Business Administration, Building D, 7th floor, Thessaloniki, Greece

Doctorate of Philosophy

Aristotle University of Thessaloniki

Ph.D. Thesis submitted in the Department of Mechanical Engineering, Laboratory of Business Administration, Polytechnic School, title: "Sustainable development and electricity production: development of dynamic simulation prototypes for the improvement of energy efficiency", (<https://www.didaktorika.gr/eadd/handle/10442/46584>).

Abstract: The aim of the thesis is to highlight the importance of the dimensions of sustainability and the development of dynamic simulation models to improve energy efficiency in the power sector, in line with the requirement of sustainability towards sustainable development at global scale. The initial bibliographic research aims at outlining, classifying and evaluating the basic parameters taken into account in the development and management of an electricity system based on their environmental, economic, social and strategic performance. At a second stage, the development of a transition system model from conventional forms of energy to renewable sources is attempted through various adoption policies, according to the methodological approach of Dynamic Systems. One of the examples of the three(3) simulation models implemented along the doctoral thesis is achieved by modeling, simulating and evaluating the business operation and promoting the services and solutions offered by the Energy Services Companies in terms of the impact of various promotional practices on the overall rate of adoption of green energy to replace conventional generating energy in a certain market. The monitoring and evaluation of a typical example of energy-saving program follows that emphasize not only at the improvement of energy efficiency in the residential housing sector at national level, but also at the calibration of the simulation models and insights provided regarding real data. Last but not least, significant conclusions are extracted regarding the adoption of specific policy decisions on the performance and sustainability of an electricity system and the current trends and prospects that should be taken into account in the development of efficient, sustainable policies.

Field(s) of study

- Engineering, manufacturing and construction : *Electricity and energy* | *Environmental protection technology* | *Engineering, manufacturing and construction not elsewhere classified*
- Business, administration and law : *Management and administration* | *Marketing and advertising* | *Business and administration not further defined*

A+ | Submitted | EQF level 8 | Ph.D. | <http://lba.meng.auth.gr>
<https://www.didaktorika.gr/eadd/handle/10442/46584>

OCT 2012 – JUN 2014 – American College of Thessaloniki, P.O. Box 21021, 17 Sevenidi St., Pylaia, Thessaloniki, Greece

Master of Business Administration (M.B.A.)

AMERICAN COLLEGE OF THESSALONIKI (A.C.T.)

- Awarded the Diploma of M.B.A., with the overall grade of B+.
- **Title of the submitted thesis:** *"The Role of Marketing in Promoting Sustainability of the Electricity Sector: A System Dynamics Approach for the Diffusion of Renewable Energy Technologies in the Residential Sector"*. Supervisor: Dr. Nikolaos L. Hourvouliaides.

Field(s) of study

- Business, administration and law : *Management and administration* | *Marketing and advertising*

B+ | Submitted | EQF level 7 | Post Graduate Studies (Master of Business Administration (M.B.A.)) | <https://www.act.edu>

10 OCT 2008 – 8 NOV 2009 – ARISTOTLE UNIVERSITY OF THESSALONIKI (A.U.Th.), Polytechnic School, Civil Engineering Department, University Campus, Thessaloniki, Greece

Master of Science (M.Sc.)

ARISTOTLE UNIVERSITY OF THESSALONIKI (A.U.Th.)

- Awarded the Diploma of Master of Science in "Engineering Project Management", with the overall grade of 9.18/10.00 (EXCELLENT).
- Submission of the thesis to the Department of Civil Engineering, School of Engineering, Aristotle University of Thessaloniki, Greece on November 2009 for the Master of Science in Engineering Project Management (MSc.), with the title: "Strategic Financing of Astypalea Island in the Sections of Tourism and Sustainable Development". Supervisor: prof. Demos C. Angelides. http://www.civil.auth.gr/dep/angelides/en/tziogas_msc.html.

Field(s) of study

- Engineering, manufacturing and construction : *Engineering and engineering trades not elsewhere classified* | *Building and civil engineering* | *Engineering, manufacturing and construction not elsewhere classified*

A- | Submitted | EQF level 7 | Post Graduate Studies (Master of Science (M.Sc.)) | <https://www.eng.auth.gr/en>
http://www.civil.auth.gr/dep/angelides/en/tziogas_msc.html

2002 – 2008 – Department of Production Engineering and Management, V. Sofias 12, Building Block 1, Xanthi, Greece

Diploma in Production and Management Engineering

Democritus University of Thrace (D.U.Th.)

- Awarded the Diploma of the Department of Production and Management Engineering, School of Engineering.
- Submission of the thesis to the Department of Production and Management Engineering, School of Engineering, Democritus University of Thrace, Greece on March 2008 for the Diploma in Production and Management Engineering (Dipl. Eng.), with the title: "Time and Cost Management: Constructing the Forestation of Thessaloniki Metro Station - "New Railway Station". Supervisor: Assist. Prof. K. P. Anagnostopoulos.

Field(s) of study

- Engineering, manufacturing and construction : *Engineering, manufacturing and construction not further defined* | *Manufacturing and processing not further defined*
- Business, administration and law : *Management and administration* | *Business and administration not further defined*

B- | Submitted | EQF level 6 | Diploma in Production and Management Engineering | <https://pme.duth.gr>
<https://www.researchgate.net/publication/282973977> TIME AND COST MANAGEMENT CONSTRUCTING THE FOR ESTATION OF THESALLONIKI METRO%27S STATION - NEW RAILWAY STATION

2002 – 12th km Highway Thessaloniki - N. Moudania , Thermi, Thessaloniki, Thessaloniki, Greece

High School Diploma (Apolitirio)

Madoulides School

EQF level 4 | High School Diploma (Apolitio) | <https://mandoulides.edu.gr>

WORK EXPERIENCE

1 APR 2019 – CURRENT – Thessaloniki, Greece

Chief Developing Officer (C.D.O.) (External Consultant)

CENTRE FOR THE GREEK LANGUAGE (Supervised by the Ministry of Education and Religious Affairs)

Research Division for the Support & Promotion of the Greek Language

- Strategic Planning
- Technology Transfer & Continuous Improvement
- Digital transformation and e-learning projects
- Agile Management and Operational Analysis
- Organization of the exams for the Certification of Attainment in Greek
- Project Management and Coordination of research projects for the teaching of Modern Greek as a foreign/second language
- Digital Marketing and Social Media Promotion

Financial Department

- Public Investment Planning (Πρόγραμμα Δημοσίων Επενδύσεων - ΠΔΕ)
- Accountant for the Public Investment scheme

Division for the Support & Promotion of the Greek Language / Education / ctziogas@komvos.edu.gr / <https://greeklanguage.gr/> / 1 Karamaouna Str.-Skra Sq., Kalamaria, 55132, Thessaloniki, Greece

21 AUG 2009 – CURRENT – Thessaloniki, Greece

Founder and Chief Executive Officer (C.E.O.)

CHARALAMPOS ATH. TZIOGAS & ASSOCIATES – CONSULTING ENGINEERS

Technical Services, Integrated Consulting Services

- Technical Studies and Surveys
- Licensing and evaluation of existing structures
- Energy Studies and Inspections
- Technical Safety Inspection and Reporting
- Project & Construction Management
- Business Plan – Feasibility Studies – Sustainability Assessment – Risk Management

Construction Services

- Renovations of internal and external areas, audited demolition, retrofitting, restoration of residential, industrial and public and municipality sector.

Specialized Consulting Services

- Business Modelling – Data Analysis – Simulation – Prototyping,
- Designing - Management - Implementation for sustainable projects,
- Design & Management of European and National programs,
- Development and implementation of optimal forecasting techniques,
- Statistical analysis and development of aggregated reports,
- Development of dynamic decision-making models at operational, tactical and strategic level,
- Design, development and monitoring of business restructuring for organizational change and continuous improvement,
- Development of applications and software,
- Design and Implementation of strategic communication plan and targeted advertising.

Professional, scientific and technical activities / Ol. Diamanti 20, thessaloniki, Centre, 54626, Thessaloniki, Greece

20 SEP 2016 – CURRENT – Thessaloniki, Greece

Higher education advisor

VENTURE GARDEN - AMERICAN COLLEGE OF THESSALONIKI (A.C.T.)

Delivering Training courses and seminars from the business perspective

Mentor: 4 teams

Lessons: Entrepreneurship

Entrepreneurship / Education / admissions@act.edu / <https://www.act.edu> / American College of Thessaloniki, P.O. Box 21021, Vasiliou Sevenidi 17, Pilea, 55535, Thessaloniki, Greece

10 OCT 2013 – 2019 – Thessaloniki, Greece

Degree program advisor

ICBS BUSINESS COLLEGE

- Delivering Training courses and Seminars at a postgraduate business program (M.B.A.)
- Lesson: Operations Management

Business Administration - Entrepreneurship / Education / icbs@icbs.gr / <http://www.icbs.gr/> / Galini108,, Oraiokastro, P.O. Box 46, P.C., 57013, Thessaloniki, Greece

23 APR 2011 – 19 OCT 2019 – Thessaloniki, Greece

Researcher – Ph.D. Candidate

ARISTOTLE UNIVERSITY OF THESSALONIKI (A.U.Th.)

Research and Teaching Assistant, Department of Mechanical Engineering, Industrial Management Division, Polytechnic School.

Teaching Assistant:

1. Operations Management (academic years 2010-present, compulsory course of the 6th semester in the Department of Mechanical Engineering, Polytechnic School, Aristotle University of Thessaloniki). (<https://qa.auth.gr/en/class/1/600059681>).
2. System Dynamics (academic years 2011-present, elective course offered by the Industrial Management Division of the 9th semester in the Department of Mechanical Engineering, Polytechnic School, Aristotle University of Thessaloniki). (<https://qa.auth.gr/en/class/1/20051658>).
3. Investment Planning and Analysis (academic years 2010-2012, 2017-2020 elective course offered by the Industrial Management Division of the 9th semester in the Department of Mechanical Engineering, Polytechnic School, Aristotle University of Thessaloniki). (<https://qa.auth.gr/en/class/1/20053404>).
4. Production Planning and Control (academic years 2010-2014, elective course offered by the Industrial Management Division of the 7th semester in the Department of Mechanical Engineering,

Polytechnic School, Aristotle University of Thessaloniki). (<https://ga.auth.gr/en/class/1/20051655>).

Ph.D. Thesis submitted in the Department of Mechanical Engineering, Laboratory of Business Administration, Polytechnic School, title: "Sustainable development and electricity production: development of dynamic simulation prototypes for the improvement of energy efficiency", (<https://www.didaktorika.gr/eadd/handle/10442/46584>).

Mechanical Engineering Department, Laboratory of Business Administration / Education / ctziogas@auth.gr / <http://lba.meng.auth.gr> / Aristotle University of Thessaloniki, University Campus, Department of Mechanical Engineering Building D, 7th floor EL-P.O. Box 461, 54124, Thessaloniki, Greece
<https://www.didaktorika.gr/eadd/handle/10442/46584>

8 JUN 2008 – 24 OCT 2008 – Thessaloniki, Greece

Mechanical Engineer (Production and Industrial Engineer)

SAMARAS AND ASSOCIATES - CONSULTANTING ENGINEERS

- Studying and supervising of electromechanical facilities and technical projects,
- Licensing industrial facilities,
- Imprinting architectural and mechanical designs - Extensive use of design software (AutoCad, ArchiCad, Architectural, AutoFine 4M, Visio and MS Project),
- Assisting in the external affairs of the company (site engineer, electromechanical equipment inspections used in industries and gas stations),
- Assisting in the licensing of industrial and technical projects,
- Developing feasibility and risk assessment studies,
- Developing certifications according to the International Standards Organization (ISO).

Industrial Division / Professional, scientific and technical activities / info@samaras-co.gr / <https://www.samaras-co.gr/en/> / 26 October 43 Commerce and Business Centre, "LIMANI CENTER", 54627, Thessaloniki, Greece

5 AUG 2007 – 25 FEB 2008 – Thessaloniki, Greece

Assistant Project Manager (Site Engineer)

ATTIKO METRO S.A.

- Time and financial scheduling of a section of the New Railway Station of Thessaloniki - Forestation.
- Recording and monitoring the processes, the workflow and assisting in the coordination of the procedures in the worksite.

Completion of my dissertation thesis for the diploma in Production and Management Engineering, with the title: "Time and Cost Management: Constructing the Forestation of Thessaloniki Metro Station - "New Railway Station"".

Construction / <http://www.ametro.gr> / 191-193 Messogeion Ave Athens , 11525, Athens, Greece

1 JUL 2004 – 31 AUG 2004 – Thessaloniki, Greece

Assistant Project Manager

METESYSM-THEMELIODOMI

- Extensive use of MS-Project, Primavera, Microsoft Office and Visio for portfolio and project management,
- Process monitoring and controlling - tracking changes in the project schedules,
- Linear programming and optimization (developed mainly for personnel shifts in car stations).

Procurement & Budgeting / Construction / <https://metesysm.gr> / Leontos Sofou 20, Thermi , 57001, Thessaloniki, Greece

1 JUL 2003 – 31 JUL 2003 – Thessaloniki, Greece

Assistant Production and Industrial Engineer

TITAN CEMENT INDUSTRY

- Daily monitoring the production line and the general supply chain,
- Recording the composition of the cement mills - creating weekly reports,
- Assisting the production manager in a daily basis schedule.

Quality Management / Mining and quarrying / <http://www.titan.gr/>
/ 22A Halkidos Str., 11143, Athens, Greece

LANGUAGE SKILLS

MOTHER TONGUE(S): Greek

OTHER LANGUAGE(S):

English

Listening C2	Reading C2	Spoken production B2	Spoken interaction B2	Writing C1
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COMMUNICATION AND INTERPERSONAL SKILLS

Communication skills

As far as the communication skills both in business and personal life are concerned. Mr. Tziogas considers himself as sociable and extroversive person who interacts with his interlocutors in a successful and efficacious way. In particular, his social skills have been developed at an early age during his juvenile years, since he had held the position of class president and there after vice president of the student council in Lyceum. Furthermore, as a university student he was honored with the duty of university administrator regarding student committee. At present, as a licensee himself, he interacts with clients and co-workers in a daily basis. However, his social activities do not end here, as he is engaged in other fraternities as well, where he interacts with people for promotional, advertising and technology transfer reasons as networking expresses him the most.

Teaching experience & Distance learning

Charalampos has long teaching experience in university lectures and distance learning courses as well as the preparation of teaching material. During his employment in Aristotle University of Thessaloniki, Greece he was involved in the undergraduate courses: Industrial Management and Reengineering Procedures, System Dynamics, Forecasting, Investment Analysis and Evaluation, Simulation Architecture and Development, Product and Life Cycle Analysis, Entrepreneurship and Project Management. Novel, innovative educational tools and tailored material were developed so as to successfully serve each course and meet the students' needs. Innovative teaching platforms (custom CRM systems, online simulations and spreadsheets) have been developed under his supervision so as to serve the best in the teaching experience and students' engagement. Beyond his scientific interests in the areas of energy systems management, business organization and management, sustainable development, innovative entrepreneurship and investment tool development, and sustainable supply chain management, ha has established useful methods that were efficiently applied in training schemes that organized and customized according to the young and early career entrepreneurs (via Young Entrepreneurs-NE and YES for Europe).

SOCIAL AND POLITICAL ACTIVITIES

2016 – CURRENT

Member of the Presidential team and Vice-President | European Confederation of Young Entrepreneurs (YES for Europe)

1, Av. de la Renaissance B-1000 Brussels Belgium

With Europe being the hub of some of the business capitals of the world, it is therefore fitting for **YES for Europe – The European Confederation of Young Entrepreneurs** to provide an active platform for young entrepreneurs across the continent to connect their resources, leverage of each other's network and strengths and pave their way to success.

Founded in 1988, YES for Europe is the most influential voice of young entrepreneurs in Europe, connecting and representing the interests of the most important national associations across the continent. Through our members we are speaking up for 100,000 and counting of the most dynamic entrepreneurs under the age of 45 and aim at improving the economic and social performance of the entrepreneurial ecosystem in Europe.

YES Members are a think tank of robust and aspirational entrepreneurs from 15 of the 28 EU countries representing Albania, Bulgaria, Cyprus, France, Germany, Greece, Hungary, Italy, Malta, Poland, Spain, Sweden, Turkey and the United Kingdom.

In addition, we are honored to welcome as **YES Affiliated Members** associations from neighboring countries such as Armenia, Georgia, Switzerland and Russia.

<https://www.yesforeurope.eu>

2020 – CURRENT

Member of the Connect International

Brussels

CONNECT International is a Brussels based international network of organizations formed with a mission to create innovative European projects ensuring mainstreaming of digital rights and digital agenda with young people and other active citizens.

Within its innovative European projects and activities, CONNECT bring together individuals and organizations focused on 4 pillars of work with young people:

- **Citizenship** – working on strengthening of digital democracy, citizens participation, decision making, freedom of assembly;
- **Rights** – educating and fighting for the protection of human rights of internet users and equal application of HR charter in the digital world;
- **Access** – supporting free and open access to the internet, education resources, improving digital literacy, skills, bridging the digital divide, etc;
- **Progress** – introducing innovative practices and ICT development.

Organizations gathered within CONNECT believes that partnerships and networks are an important driver of change and that young people are key to this. The network is run by a young but experienced team, and it gathers members working together in the above-mentioned fields. Based on their point of interest, all organizations are assigned and responsible for implementation of activities in their area of expertise. Even though this is the newly registered organization it has existed as an informal network for already several years with gathered experience and human resources.

<http://www.connect-international.org/en/>

2014 – CURRENT

Member of the standing committees of the Entrepreneurship and Competitiveness of the Technical Chamber of Greece, Division of Central Macedonian (TCG/DCM)

Thessaloniki

2010 – CURRENT

Treasurer of the board of Mandoulides Alumni

Thessaloniki

<http://www.alumni-mandoulides.gr/>

2009 - CURRENT

Co-founder of the Youth Entrepreneurship

Thessaloniki

- Co-founder of the Youth Entrepreneurship (<http://clubne.com>). Organization, located in Thessaloniki from 2009 until now, having great influence and potentials in Thessaloniki city and a large portfolio to show with events - lectures - meeting - workshops - mentoring and philanthropic events. He held the position of Treasurer, from the year 2009-2010, 2011-2012 and from 2013 he holds the position of Vice President. His main responsibilities among others are the following:

Organizing, communicating, and managing series of the events, seminars and workshops and business trip.

- Mentoring and training
- Fundraising
- Raising social awareness and promoting the business culture in Thessaloniki.

Standing committee of the 1st International NE Conference.

<http://clubne.com>

2014 - 2019

President of the Association of postgraduate and future Ph.D. holders of the Mechanical Engineering Department

Aristotle University of Thessaloniki (A.U.Th.), Thessaloniki

DRIVING LICENCE

Driving Licence: B

MILITARY SERVICE

9 FEB 2010 - 4 NOV 2010

Airmobile Artillery Squadron Soldier (Lance Corporal)

- 116th Airmobile Artillery Squadron (Hellenic Army), Kilkis (Greece)
- Completion of all the predicted military schools with "Excellence" during the military service.
- Awarded the rank of "Corporal".

REVIEWER

2019 - CURRENT

European Commission

Interreg, Erasmus+, Horizon 2020 / SMEs Instrument

2015 - CURRENT

Academic Consultant | Technical - IT Consultant

- Public and Municipality Sector
- Private sector

2014 - CURRENT

International Journals

- Ecological Indicators (Elsevier) (Recognized Reviewer)
- Renewable and Sustainable Energy Reviews (Elsevier)
- International Journal of Sustainable Energy (Taylor & Francis)
- International Journal of Strategic Innovation and Marketing
- Energies - Open Access Energy Research, Engineering and Policy Journal (MDPI AG)
- System Dynamics Conference Proceedings
- Chemical Engineering Transactions

PUBLICATIONS

- **Policy implementation and energy-saving strategies for the residential sector: The case of the Greek Energy Refurbishment program**
2021 <https://www.sciencedirect.com/journal/energy-policy/vol/149/suppl/C>
Energy Policy
Tziogas C., Papadopoulos A, Georgiadis P. (2021). Policy implementation and energy-saving strategies for the residential sector: The case of the Greek Energy Refurbishment program. Energy Policy, Vol. 149, p.p. 51-56., DOI: 10.1016/j.enpol.2020.112100.
- **Fostering the Transition to Sustainable Electricity Systems: A Hierarchical Analysis Framework**
2019 <https://www.sciencedirect.com/science/article/abs/pii/S0959652618328373>
Journal of Cleaner Production
Tziogas C., Georgiadis P., Papadopoulos A. (2018). Fostering the Transition to Sustainable Electricity Systems: A Hierarchical Analysis Framework. Journal of Cleaner Production, Vol. 206, p.p. 51-56.
- **Sustainability dynamics in electricity sector: the role of marketing**
2015 https://www.researchgate.net/publication/289193363_Sustainability_dynamics_in_the_electricity_sector_the_role_of_marketing
International Journal of Strategic Innovative Marketing
Tziogas C., Georgiadis P., Tsolakis N., Yakinthos C., (2015). Sustainability dynamics in electricity sector: the role of marketing. International Journal of Strategic Innovative Marketing, Vol. 02, pp. 65-81, DOI: 10.15556/IJSIM.02.04.005.
- **Sustainability and the Social Aspect of Energy Systems: A System Dynamics Approach**
2015 https://www.researchgate.net/publication/282973231_Sustainability_and_the_Social_Aspect_of_Energy_Systems_A_System_Dynamics_Approach
European Journal of Sustainable Development
Tziogas C., Georgiadis P., Tsolakis N. (2015). Sustainability and the Social Aspect of Energy Systems: A System Dynamics Approach. European Journal of Sustainable Development, Vol. 4, 4, pp. 285-292, DOI: 10.14207/ejsd.2015.v4n4p285.
- **Sustainable energy security: critical taxonomy and system dynamics decision making methodology**
2015 <https://www.cetjournal.it/index.php/cet/article/view/CET1543326>
Chemical Engineering Transactions
Tziogas C., Georgiadis P. (2015). Sustainable energy security: critical taxonomy and system dynamics decision making methodology. Chemical Engineering Transactions, Vol. 43, pp. 1951-1956, DOI: 10.3303/CET1543326.
- **Investigating the Causalities for Cleaner and Affordable Electricity Production Mix: A System Dynamics Methodological Approach**
2013 <https://www.cetjournal.it/index.php/cet/article/view/CET1335108>
Chemical Engineering Transactions
Tziogas C., Georgiadis P. (2013). Investigating the Causalities for Cleaner and Affordable Electricity Production Mix: A System Dynamics Methodological Approach. Chemical Engineering Transactions, Vol. 35, pp. 649-654, DOI: 10.3303/CET1335108
- **Indicators for buildings' energy performance**
https://link.springer.com/chapter/10.1007/978-3-319-20831-2_5
Springer International Publishing
Boemi, S.-N., **Tziogas, C.**, (2015). "Indicators for buildings' energy performance", Energy Performance of Buildings: Energy Efficiency and Built Environment in Temperate Climates, pp. 79-93, Springer

CONFERENCES AND SEMINARS

2015 – 2015

International Conferences with peer-reviewed Proceedings (2015)

- **Tziogas Charalampos**, Georgiadis Patroklos, Tsolakis Naoum, Yakinthos Charalampos, *“Electricity Pricing Mechanism in a Sustainable Environment: A Review and a System Dynamics Modeling Approach”*, 4th International Conference of Strategic Innovation and Marketing, 24-27 September 2015, Mykonos, Greece.
- **Tziogas Charalampos**, Tsolakis Naoum, Georgiadis Patroklos, Yakinthos Charalampos, *“The Role of Marketing Interventions in Fostering the Diffusion of Green Energy Technologies”*, 4th International Conference of Strategic Innovation and Marketing, 24-27 September 2015, Mykonos, Greece.
- **Charalampos Tziogas**, Maria Besiou, Patroklos Georgiadis, Reinhard Angelmar, *“A Dynamic Analysis of Chronic Diseases in Health Supply Chains”*, 1st International Conference on Agrifood SCM & Green Logistics, May 23-25, 2015, Halkidiki, Greece.
- Athanasios Bozinis, **Charalampos Tziogas** *“Smart Cities for the Economic and Social Development”*, 6th International Conference on International Business (ICIB), 22 – 24 May 2015, Thessaloniki, Greece. (in Greek)
- Sofia-Natalia Boemi, **Charalampos Tziogas**, Athanasios Bozinis, *«Energy Poverty and Economic Development within the Global Economic Crisis: «The Case study of Greece»»*, 6th International Conference on International Business (ICIB), 22 – 24 May 2015, Thessaloniki, Greece. (in Greek)
- **Charalampos Tziogas** and Patroklos Georgiadis, *“Sustainable Energy Security: Critical Taxonomy and System Dynamics Decision-making Methodology”*, 12th International Conference on Chemical & Process Engineering, 19-22 May 2015, Milano, Italy.

2014 – 2014

International Conferences with peer-reviewed Proceedings (2014)

- **Tziogas C.**, Georgiadis P., *«Exploring the Social Dimension of Pricing Mechanism in the Electricity Sector: A System Dynamics Approach»*, 10th National Conference of Renewable Energy Technologies, 26-28 November 2014, Thessaloniki, Greece. (in Greek)
- Naoum Tsolakis and **Charalampos Tziogas**, *“Loyalty Marketing Entrepreneurial Opportunities in Greece: A Grocery Retailers’ Perspective”*, 5th International Conference on International Business (ICIB), 23 – 25 May 2014, Thessaloniki, Greece.
- Athanasios Bozinis, **Charalampos Tziogas**, *«Multinational Corporations and Economic Diplomacy in International Politics. A Modern Theoretical Approach»*, 5th International Conference on International Business (ICIB), 23 – 25 May 2014, Thessaloniki, Greece. (in Greek).
- **Charalampos Tziogas**, Maria Besiou, Patroklos Georgiadis and Reinhard Angelmar, *“Patients with Chronic Disease: A System Dynamics Approach”*, Informs Annual Meeting, November 9-12, 2014, San Francisco, California.

2012 – 2013

International Conferences with peer-reviewed Proceedings (2012-2013)

- **Charalampos Tziogas** and Patroklos Georgiadis, *“Investigating the Causalities for Cleaner and Affordable Electricity Production Mix: A System Dynamics Methodological Approach”*, 16th Conference Process Integration, Modelling and Optimization for Energy Saving and Pollution Reduction, 29 September - 2 October 2013, Rhodes, Greece.

- Athanasios Bozinis, **Charalampos Tziogas**, «*Energy Sources and Economic-Political Development within the Global Financial Crisis: The Case Study of the Electricity Sector in Greece*», 4th International Conference on International Business (ICIB), 16 – 18 May 2013, Thessaloniki, Greece. (in Greek).
- **Charalampos Tziogas**, Stella Sotiriadou, «*Sustainable Development and Environment*», 1st Panhellenic Youth Conference for the Parliamentary System and Democracy, 20 – 22 December 2013, Athens, Greece.
- **Charalampos Tziogas** and Patroklos Georgiadis, "*Investigating the Causalities for Cleaner and Affordable Electricity Production Mix: A System Dynamics Methodological Approach*", 16th Conference Process Integration, Modelling and Optimization for Energy Saving and Pollution Reduction, Chemical Engineering Transactions, 29 September - 2 October 2013, Rhodes, Greece.
- **Charalampos Tziogas** (2012). "*Aristotle University of Thessaloniki and Entrepreneurship*". Invited speaker by the non-profit organization COMVOS (Cooperation and Motivation of Students), held in the Aristotle University Research Dissemination Center, 7 December, Thessaloniki, Greece.

PROJECTS

2017 – CURRENT

Aurora the Lost Medallion

<http://noemagames.com>

Bring alive the first 2D, hand drawn, sci-fi, fantasy, point & click adventure game. In short, it is a family space adventure, about a girl's quest to find her identity. Inspired by old classics of the genre, the game blends comedy and drama to form a story that challenges your brain and teases your heart.

2016 – CURRENT

Project APPARATUS/vClavis (Pressure Vessel Analysis & Design Cloud based Software.

<http://www.vclavis.com>

An innovative engineering software for the design, calculation and analysis of pressure vessels, the cornerstone component of modern industry.

1 JUL 2020 – 31 DEC 2020

Organizational and Operational activities of the Centre for the Greek Language

1 JAN 2020 – 30 JUN 2020

Services offered to the Centre for the Greek language for operational and organizational purposes

24 DEC 2019 – 24 JAN 2020

Pre-feasibility study of the Museum of the History of Health & Medicine

2 MAY 2019 – 31 DEC 2019

Services offered to the Centre for the Greek language for operational and organizational purposes

2014 – 2015

“Lifelong learning Program in Product Design”. International Hellenic University (I.H.U.).

2 SEP 2013 – 30 JUL 2015

Update-digitization of research programs and upgrade of educational material

2013 – 2014

Develop a dynamic simulator for patients with chronic disease.

Partners for the development of the project was the following Universities:

- Aristotle University of Thessaloniki, Polytechnic School, Department of Mechanical Engineering, Industrial Management Division, Laboratory of Business Administration.
- Kühne Logistics University – Germany and
- INSEAD – France (leader of the project).

2013 – 2014

Cooperation Project Greece–Bulgaria 2007-2013 with the acronym “TRIGGER”

Cooperation Project Greece–Bulgaria 2007-2013 with the acronym “TRIGGER”. "Transnational Initiative for Guidance of Graduated and Entrepreneurship"

2 OCT 2012 – 31 AUG 2013

Organizing and filing research programs in electronic format and upgrading educational materials

1 MAR 2012 – 30 JUN 2012



NETWORKS AND MEMBERSHIPS

2016 - CURRENT

● **European Confederation of Young Entrepreneurs (YEs for Europe)**

1, Av. de la Renaissance B-1000 Brussels Belgium <https://www.yesforeurope.eu>

2020 - CURRENT

● **Connect International**

Brussels <http://www.connect-international.org/en/>

2016 - CURRENT

● **Society of Macedonian Studies**

<http://www.ems.gr/>

2015 - CURRENT

● **Charity Brotherhood of Men of Thessaloniki**

<http://www.faath.org.gr/>

2014 - CURRENT

● **Institute of Solar Technology**

<https://solarinstitute.gr>

2014 - CURRENT

● **Entrepreneurship and Competitiveness of the Technical Chamber of Greece, Division of Central Macedonian (TCG/DCM)**

2014 - CURRENT

● **Institute of Electrical and Electronics Engineers - IEEE**

<https://www.ieee.org>

2013 - CURRENT

● **Association of IT Companies of Northern Greece**

<http://www.sepve.org>

2012 - CURRENT

● **American Society of Mechanical Engineers - ASME**

<https://www.asme.org/>

2012 - CURRENT

● **Association of Export companies of Northern Greece**

<http://www.seve.gr>

2012 - CURRENT

● **System Dynamics Society**

<http://www.systemdynamics.org/>

2012 - CURRENT

● **Greek Association of Supply Chain Management**

<http://www.logistics.org.gr>

2010 - CURRENT

● **Project Management Institute (P.M.I.)**

<http://www.pmi.org/>

2008 - CURRENT

● **Technical Chamber of Greece, Division of Central Macedonian (TCG/DCM)**

www.tee.gr

2010

● **International Project Management Association (I.P.M.A.)**

<http://ipma.ch/>

HONOURS AND AWARDS

2014

● **Scholarship of excellence** – Aristotle University of Thessaloniki
Scholarship of excellence from the Research Committee of Aristotle University of Thessaloniki for Ph.D. Candidates and Post Ph.D. Students for the year 2014-2015

2014

● **Voluntary participation in the welcoming committee and ceremony (2011-2014)** – Department of Studies of the Aristotle University of Thessaloniki
Award from the Department of Studies of the Aristoteles University of Thessaloniki for the voluntary participation in the welcoming committee and ceremony (2011-2014).

2009

● **Meritorious Military Service** – 116th Airmobile Artillery Squadron

1999

● **Excellent Performance in Maths Olympiad** – Socrates Programme Comenius Action 1
Excellent Performance in Maths Olympiad held in Taranto at Liceo Aristosseno on 16th of February, within the European Education Project Skyline Network under Socrates Programme Comenius Action 1 (1999).

SEMINARS, LIFELONG LEARNING & PERSONAL DEVELOPMENT

● General info

1. Attended a large number of notably seminars both inside and outside of the country.
2. Holder of more than 40 certificate of attendance.
3. Professional accreditation for:
 - Instructor (47686)
 - Data Protection Officer (Vellum - pending)
 - Product Design (Certified by I.H.U.)
 - Project Management (no. 1180731)
 - Risk Assessment – Agile Management (no. 1180731)
 - Safety Engineer (50871/1500/12-11-2015)
 - Energy Inspector & Designer for the industrial sector (no. 8983)
 - Energy Designer - Consultant for boiler installation and air conditioning systems (6834/05-10-12).
 - Energy Designer for residential sector (6309/12-04-12)
 - Qualitative Computing (Certified by A.C.T. & A.U.Th.)

HOBBIES AND INTERESTS

● In a nutshell...

Innovation, Modelling, Robotics & Mechatronics, Networking, Travelling, Blogging, Photography, Design, Reading, Creative Writing, Walking, Site Seeing.