

# ATHANASIOS T. BALAFOUTIS



AGRICULTURAL UNIVERSITY OF ATHENS

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## EDUCATION

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**2006-2012** Agricultural University of Athens

PhD in Experimental Investigation of Vegetable Oil Use as Fuel in Compression Ignition Engines of Agricultural Tractors

Degree Grade: 10/10

**2004** School of Infantry Reserve Officers (Σ.Ε.Α.Π.)

**2002-2003** Cranfield University

MSc Agricultural & Environmental Engineering

Degree Grade: 72% (Distinction)

**1997-2003** Agricultural University of Athens

Department of Natural Resources & Agricultural Engineering

Section of Agricultural Constructions & Agricultural Engineering

Degree Grade: 7.11/10

**1993-1996** 1<sup>o</sup> General Lyceum of New Halkidona, Athens, Greece

General Grade: 15/20

## SCHOLARSHIPS

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Full tuition fees bursary from Cranfield University, UK for the completion of a MSc Program named “Agricultural & Environmental Engineering”

6-month scholarship for joint work within the PhD program with University of Coimbra, Portugal by Greek National Scholarship Foundation (IKY)

*Publications in Journals*

- 1 Kyriakos Drivas, **Athanasios T. Balafoutis**, Stelios Rozakis, “Research Funding and Academic Output: Evidence from the Agricultural University of Athens”, *Promytheus*, doi: 10.1080/08109028.2016.1150575
- 2 Janusz Golaszewski, Marcel van der Voort, Andreas Meyer-Aurich, Fátima Baptista, **Athanasios Balafoutis** and Hannu Juhani Mikkola, “Comparative Analysis of Energy Efficiency in Wheat Production in Different Climate Conditions of Europe”, *Journal of Agricultural Science and Technology B* 4 (2014) 632-640, doi: 10.17265/2161-6264/2014.08.005
- 3 **A.T. Balafoutis**, E. Papageorgiou, Z. Dikopoulou, S. Fountas, G. Papadakis, “Sunflower oil fuel for diesel engines: Experimental investigation and optimum engine setting evaluation using MCDM approach”, *International Journal of Green Energy*, 11 (6), 642 – 673, 2014
- 4 Baptista, F.J., Briassoulis, D., Stanghellini, C., Silva, L.L., **Balafoutis, A.T.**, Meyer-Aurich, A. and Mistriotis, A. 2014. Energy efficiency in tomato greenhouse production – a preliminary study. *Acta Hort. (ISHS)* 1037:179-185
- 5 **Athanasios Balafoutis**, Spyros Fountas, Athanasios Natsis, and George Papadakis “Performance and emissions of sunflower, rapeseed and cottonseed oils as fuels in an agricultural tractor engine”, *ISRN Renewable Energy*, vol. 2011, Article ID 531510, 12 pages, 2011. doi:10.5402/2011/531510
- 6 R.J.Godwin, M.J. O’Dogherty, C. Saunders, **A.T. Balafoutis**, “A force prediction model for mouldboard ploughs incorporating the effects of soil characteristic properties, plough geometric factors and ploughing speed”, *Biosystems Engineering*, 97, 117-129, 2007 (AWARDED).

*Publications in International Conferences*

- 1 **A. Balafoutis**, G. Bourodimos, E. Anastasiou, S. Fountas, Inspections of in-use Pesticide Application Equipment in Greece, 6<sup>th</sup> European Workshop on Standardised Procedure for the Inspection of Sprayers in Europe, Barcelona, September 2016
- 2 S. Petropoulos, Y. Kotseridis, C. Karavas, **A. Balafoutis**, I. Paraskevopoulos, S. Fountas, S. Kallithraka, Development of a simple and reliable FLS method for objective evaluation of grape composition and quality translated in wine quality for Agiorgitiko variety, 38<sup>th</sup> World Vine and Wine Congress, Mainz, Germany, July 2015
- 3 G. Markou, M. Brulé, **A. Balafoutis**, D. Georgakakis, G. Papadakis, Energy-Crops-Based Biogas Plants in Greece: Economical Comparison of Maize and Sweet Sorghum Silages Used as Feedstock, *Proceedings of the 23rd European Biomass Conference & Exhibition*, Vienna, Austria, June 2015

- 4 S. Koundouras, S. Fountas, E. Anastasiou, **A. Balafoutis**, D. Drakoulis, D. Dres, S. Theoharis, N. Theodorou, P. Georgiou, V. Sotiroudas, S. Taskaris, I. Boskidis, M. Symeonidou, P. Symeonidis, Environmental optimization of viticulture with the use of information technologies, 19th International GÆESCO meeting, Montpellier, France, May 2015
- 5 S. Fountas, **A. Balafoutis**, E. Anastasiou, S. Koundouras, G. Kotseridis, E. Kallithraka, Site-specific variability of grape composition and wine quality, Proceedings of International Conference of Precision Agriculture, Sacramento, USA, July 2014
- 6 **Athanasios Balafoutis**, Fatima Baptista, Demetres Briassoulis, Luis Leopoldo Silva, Panagiotis Panagakis, Dina Murcho, Comparative studies on energy efficiency and GHG emissions between traditional and organic olive groves in Greece and Portugal, Proceedings of European Conference on Agricultural Engineering, Zurich, Switzerland, July 2014.
- 7 Spyros Fountas, Evaggelos Anastasiou, **Athanasios Balafoutis**, Stefanos Koundouras, Serafeim Theoharis and Nikolaos Theodorou, The influence of vine variety and vineyard management on the effectiveness of canopy sensors to predict winegrape yield and quality, Proceedings of European Conference on Agricultural Engineering, Zurich, Switzerland, July 2014.
- 8 Janusz Golaszewski, Marcel van der Voort, Andreas Meyer-Aurich, Luis L. Silva, **Athanasios Balafoutis**, Hannu J. Mikkola, Case studies and comparative analysis of energy efficiency in wheat production in different climatic conditions of Europe, Proceedings of European Conference on Agricultural Engineering, Zurich, Switzerland, July 2014.
- 9 **Athanasios T. Balafoutis**, Fatima Baptista, Demetres Briassoulis, Leopoldo Luis Silva, Panagiotis Panagakis, Jose Rafael Marques Silva, “Energy efficiency and GHG emissions alteration from traditional to organic vineyards cultivation in Greece and Portugal”, Proceedings of the International Symposium on Agricultural Engineering, Belgrade, Serbia, October 2013.
- 10 Andreas Meyer-Aurich, **Athanasios Balafoutis**, Tommy Dalgaard, Chris de Visser, Janusz Golaszewski, Hannu Mikkola, Luis Silva, “Energy efficiency in agriculture – Opportunities, constraints and research needs”, Proceedings of the International Symposium on Agricultural Engineering, Belgrade, Serbia, October 2013.
- 11 F.J. Baptista, D. Briassoulis, C. Stanghellini, L.L. Silva, **A.T. Balafoutis**, A. Meyer-Aurich, A. Mistriotis, “Energy efficiency in tomato greenhouse production. A preliminary study”, Proceedings GreenSys 2013, Jeju, Korea, September 2013.
- 12 **Athanasios Balafoutis**, Elpiniki Papageorgiou, Zoumpoulia Dikopoulou, Spyros Fountas, Athanasios Natsis, George Papadakis, “Application of expert systems to determine optimal biofuel type – engine tuning configuration”, Proceedings of the 19<sup>th</sup> European Biomass Conference & Exhibition, Berlin, Germany, June 2011.
- 13 **Athanasios Balafoutis**, Fausto Freire, George Papadakis, “Life Cycle Assessment of Sunflower oil produced in Greece and used as fuel in tractor diesel engines”,

Proceedings of the European Conference on Agricultural Engineering, Clermont-Ferrand, France, September 2010.

- 14 **Athanasios Balafoutis**, Loukia Geronikolou, Athanasios Natsis, George Papadakis, “Injection Timing and Injector Protrusion tuning in a diesel engine of an agricultural tractor for optimization of the use of sunflower oil based fuels using a multi-criterion model”, Proceedings of the 17<sup>th</sup> European Biomass Conference & Exhibition, Hamburg, Germany, June 2009.
- 15 **Athanasios Balafoutis**, Athanasios Natsis, Dimitrios Lois, George Papadakis, “Injection timing impact on an agricultural tractor engine performance using sunflower oil blends with diesel as fuel”, Proceedings of the International Conference RENEWABLE ENERGY 2008, Busan, Korea, October 2008.
- 16 Alexander Hoeldrich, Rainer Janssen, Peter Helm, Jonas Dahl, Wilfried Pichler, Michael Golser, Andre Faaij, Martin Junginger, Richard Sikkema, Stephane Senechal, Stefano Capaccioli, Katarzyna Grecka, Edmund Wach, Maria Habicht, Adrienn Csekoe, Attila Udersky, Christoph Barel, **Athanasios Balafoutis**, Stamatia Voulgaraki, George Papadakis, Sandra Hayes, Ian Byrne, “The PELLETS@LAS Project”, Proceedings of the 16<sup>th</sup> European Biomass Conference & Exhibition, Valencia, Spain, June 2008.
- 17 **Athanasios Balafoutis**, Athanasios Natsis, Dimitrios Lois, George Papadakis, “Injector protrusion impact on an agricultural tractor engine performance using sunflower oil blends with diesel as fuel”, Proceedings of the European Conference on Agricultural Engineering, Crete, Greece, June 2008.
- 18 Martin Junginger, Alexander Hoeldrich, Jonas Dahl, Richard Sikkema, Andre Faaij, Rainer Janssen, Peter Helm, Wilfried Pichler, Michael Golser, Stephane Senechal, Stefano Capaccioli, Katarzyna Grecka, Edmund Wach, Malgorzata Bastian, Maria Habicht, Adrienn Csekoe, Attila Udersky, Christoph Barel, **Athanasios Balafoutis**, Stamatia Voulgaraki, George Papadakis, Sandra Hayes, Ian Byrne, “The PELLETS@LAS Project – A comprehensive European Pellet Market Overview”, Proceedings of World Bioenergy 2008, Jonkoping, Sweden, May 2008.
- 19 **Athanasios Balafoutis**, Dionysios Melas, Athanasios Natsis, Areti Papagianopoulou, George Papadakis, “Comparison of the use of sunflower, cotton and rape seed crude oils as fuels in compression ignition engines”, Proceedings of the 3<sup>rd</sup> International Bioenergy Conference and Exhibition, Jyväskylä, Finland, September 2007.
- 20 **Athanasios Balafoutis**, Dionysios Melas, Athanasios Natsis, Areti Papagianopoulou, George Papadakis, “Experimental investigation of the use of sunflower crude oil as fuel in a compression ignition engine”, Proceedings of the 15<sup>th</sup> European Biomass Conference & Exhibition, Berlin, Germany, May 2007.
- 21 **Athanasios Balafoutis**, Dionysios Melas, Athanasios Natsis, Areti Papagianopoulou, George Papadakis, “Experimental investigation on the use of sunflower crude oil as fuel in a compression ignition engine”, Proceedings of the World Congress of Agricultural Engineering, Bonn, Germany, September 2006.

*Publications in National Conferences*

- 1 E. Anastasiou, S. Fountas, **A. Balafoutis**, S. Koundouras T. Seraphim, N. Theodorou, “The effect of vine variety and management in prediction of quality and quantity of production with the use of canopy sensors”, 1<sup>st</sup> Conference of Geographic Information Systems and Spatial Analysis in Agriculture and the Environment, Athens, 2015
- 2 A. Mikroulis, E. Anastasiou, S. Fountas, I. Travlos, Z. Tsiropoulos, **A. Balafoutis**, “Crop growth monitoring using a spectral sensor and an RGB camera”, 1<sup>st</sup> Conference of Geographic Information Systems and Spatial Analysis in Agriculture and the Environment, Athens, 2015
- 3 S. Fountas, **A. Balafoutis**, E. Anastasiou, S. Koundouras, G. Kotseridis, S. Kallithraka, D. Kalyvas, “Sit-Specific grape characteristics and wine quality variability in a vineyard with agiorgitiko variety”, 1<sup>st</sup> Conference of Geographic Information Systems and Spatial Analysis in Agriculture and the Environment, Athens, 2015
- 4 G. Kyriakongonas, S. Fountas, **A. Balafoutis**, Ch. Kassimis, A. Natsis, K. Ntanikas, E. Anastasiou, “Farm management elements and equipment with emphasis on human resources”, Proceedings of the 9<sup>th</sup> National Conference of Agricultural Engineering, Thessaloniki , 2015
- 5 A. Mikroulis, E. Anastasiou, S. Fountas, **A. Balafoutis**, T. Travlos, "Monitoring of crop growth using spectral sensor and RGB camera", Proceedings of the 9<sup>th</sup> National Conference of Agricultural Engineering, Thessaloniki, 2015
- 6 E. Anastasiou, S. Fountas, **A. Balafoutis**, S. Koundouras, T. Theocharis, N. Theodorou, A. Hatzinikos, "Evaluation of laser scanner measurement methods for mapping winter pruning in two wine grape varieties", Proceedings of the 9<sup>th</sup> National Agricultural Conference Engineering, Thessaloniki, 2015
- 7 D. Arapis, E. Anastasiou, Z. Tsiropoulos, **A. Balafoutis**, S. Fountas, "Software for georeferencing measurements of a laser scanner - use in experimental vineyard and tree crops", Proceedings of the 9<sup>th</sup> National Conference of Agricultural Engineering, Thessaloniki, 2015
- 8 N. Tsoulas, **A. Balafoutis**, E. Anastasiou, S. Fountas, "Investigation of the implementation of precision agriculture methods in a vineyard with Malagousia variety in Attica", Proceedings of the 9<sup>th</sup> National Conference of Agricultural Engineering, Thessaloniki, 2015
- 9 C. Pitikaris, **A. Balafoutis**, Z. Tsiropoulos, E. Anastasiou, S. Fountas, "Construction of the wheeled weighing system and the development of appropriate software for geospatial measuring of the output", Proceedings of the 9<sup>th</sup> National Conference of Agricultural Engineering, Thessaloniki, 2015
- 10 **Athanasios Balafoutis**, Demetres Briassoulis, Panagiotis Panagakis, George Papadakis, “Energy efficiency enhancement and GHG emissions reduction from traditional to organic olive grove and vineyard cultivations”, Proceedings of 8<sup>th</sup> National Conference on Agricultural Engineering, Volos, Greece, September 2013.

- 11 Athanasios Dedousis, **Athanasios Balafoutis**, Athanasios Natsis, “Review: Mechanical intra-row weed control”, Proceedings of 7<sup>th</sup> National Conference on Agricultural Engineering, Athens, Greece, November 2011.
- 12 **Athanasios Balafoutis**, Areti Papagiannopoulou, Loykia Geronikolou, Athanasios Natsis, George Papadakis, “Optimization of non-esterified sunflower oil as fuel in a diesel engine by adjusting injection timing and injector protrusion using a multi-criteria model”, Proceedings of 6<sup>th</sup> National Conference on Agricultural Engineering, Thessaloniki, Greece, October 2009.
- 13 **Athanasios Balafoutis**, Dionysios Melas, Athanasios Natsis, Areti Papagiannopoulou, George Papadakis, “Experimental Investigation of Sunflower oil/diesel blends as fuel in comparison to diesel fuel in a CI engine”, Proceedings of 5<sup>th</sup> National Conference on Agricultural Engineering, Larissa, Greece, October 2007.

*Thesis*

- 1 PhD Thesis : “Experimental Investigation of Vegetable Oil Use as Fuel in Compression Ignition Engines of Agricultural Tractors”
- 2 MSc Project : “Determination of the Performance of shallow high-speed mouldboard ploughs”
- 3 Diploma Thesis: “Cultivation Methods & Techniques of tobacco plantations in Greece”

*Project Reports*

- 1 Report “Identification and description of Precision Agriculture Technologies that positively contribute to farm productivity and mitigation of GHG emissions” **Balafoutis A.**, Fountas S., van der Wal T., SEMPATICO Project, July 2016
- 2 Report “Literature review on the impacts of Precision Agriculture Technologies in agriculture”, Beck B., **Balafoutis A.**, Broekaert K., Cool S., Fountas S. Maselyne J., Nuyttens D., Van De Vijver R., Vangeyte J., Zwervaeagher I., van der Wal T., SEMPATICO Project, January 2016
- 3 Report “Techno-economic analysis of a biogas plant installation in Evlalo, Greece”, G. Markou, **A. Balafoutis**, G. Papadakis, ETASA Project, October 2014
- 4 Report “Agenda for Transnational Cooperation on Energy Efficiency in Agriculture”, AGREE Project, April 2013
- 5 Report “Economic and environmental analysis of energy efficiency measures in agriculture. Case Studies and trade-offs”, AGREE Project, August 2013
- 6 Report “Country Report – Greece: Stakeholder and Driver Analysis on Energy Efficiency in Agriculture”, AGREE Project, January 2013

- 7 Report “State of the Art on Energy Efficiency in Agriculture” , AGREE Project, July 2012
- 8 Report “Energy Saving measures in Agriculture - Overview of the basis of National Reports”, AGREE Project, April 2012
- 9 Report “Synthesis and Summary Report on State of the Art Drivers and Stakeholders of Energy Efficiency in Agriculture, and Potential of Energy Saving Measures”, AGREE Project, April 2012
- 10 Report “Waste Cooking Oil (WCOs) and Animal Fats (AFs) as feedstock for biodiesel production”, Essam Sh. Mohamed, **A. Balafoutis**, G. Papadakis, HELLAS OIL Biodiesel Company Project, January 2012
- 11 Report “Life Cycle Analysis of biodiesel production in Greece from different oil crop feedstock”, **A. Balafoutis**, G. Papadakis, CATOIL Biodiesel Company Project, November 2010
- 12 Report “Feedstock for Biodiesel Production”, **A. Balafoutis**, G. Papadakis, CATOIL Biodiesel Company Project, July 2010
- 13 Report “Pellet market country report – Greece”, PELLETS@LAS Project, 2009
- 14 Report “Legal Framework for MBP Utilization”, PELLETS@LAS Project, 2009
- 15 Report “Greece – MBP pre-feasibility study”, PELLETS@LAS Project, 2008
- 16 Report “Feasibility Study for new and existing crops in Greece to be used as feedstock for biodiesel production”, **A. Balafoutis**, G. Geronikolou, S. Kyritsis, GREEK BIODIESEL Project
- 17 Progress Reports 2005 - 2007, **A. Balafoutis**, G. Papadakis, Pythagoras II Project

## WORKING EXPERIENCE

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### *Research work*

January 2016 – Today

“The contribution of Precision Agriculture technologies to farm productivity and the mitigation of greenhouse gas emissions”, Research Project of the European Commission (JRC)

March 2016 - Today

“European Agricultural Knowledge and Innovation Systems (AKIS) towards innovation-driven research in Smart Farming Technology”, Research Project of the European Commission (H2020).

December 2015 – February 2016

“Future Internet based Sustainable Irrigation Service”, FISIS, Research Project of the European Commission (FRACTALS)

November 2015 – February 2016

“Reinforcement of BioSense Center – ICT for Sustainability and Eco-Innovation”, INNONSENSE, Research program of the European Commission, (FP7).

April 2015 – April 2016

“Select public land property for developing biogas plant installation and description of the specifications of the unit using biomass produced from these lands”, Research program in collaboration with the Public Properties Company of Greece.

February 2014 – November 2015

“Innovation and Entrepreneurship – Exploitation of Research at Agricultural University of Athens”, TechTransferAUA, Research program of the structural fund authority of the Municipality of Athens.

December 2013 – June 2015

“Environmental optimization of viticulture with the use of precision agriculture technologies”, GREEN VITICULTURE, Research program of the General Secretariat for Research and Development, Greek Ministry of Development.

April 2014 – October 2014

“Enzymatic Objectives for the development of new pesticide types”, Research program of the General Secretariat for Research and Development, Greek Ministry of Development.

October 2013 – December 2013

“Research and technical cooperation for the selection of substrates and recommendation for plant formations in roof gardens”, Research program of the General Secretariat for Research and Development, Greek Ministry of Development.

October 2011 – October 2013

“Agriculture and Energy Efficiency”, AGREE, Research program of the European Commission, (FP7).

April 2011 – January 2013

“Microalgae production using Glycerol as a partial substrate”, Research program in collaboration with a biodiesel production company named CATOIL.



April 2011 – January 2012

“Used cooking oil and animal fats as feedstock for biodiesel production”, Research program in collaboration with a biodiesel production company named HELLASOIL.

May 2010 – April 2013

“Regional Networks for the development of a Sustainable Market for Bioenergy in Europe”, BIOREGIONS, Research program of the European Commission, (Intelligent Energy).

May 2010 – January 2011

“Life Cycle Analysis of biodiesel production in Greece using different vegetable oils as feedstock”, Research program in collaboration with a new established biodiesel production company names CATOIL.

February 2010 – August 2010

“Biofuel systems for transportation in Portugal: A “well-to-wheels” integrated multi-objective assessment”, Research program funded by the Portuguese Science & Technology Foundation.

November 2009 – February 2010

“Investigation of Desalination Techniques for Sea and Brackish Water”, Research program funded by Agricultural University of Athens.

October 2007 – December 2009

“Development & Promotion of a transparent European Pellets Market – Creation of a European real-time Pellets Atlas”, PELLETS@LAS, Research program of the European Commission, (Intelligent Energy).

February 2007 – August 2008

“Energy Crops – Production, Utilization & Trading of Biofuels”, Training Seminar funded by the Greek Ministry of Development.

July 2007 – September 2007

“Alternative Fuels for Gas Turbines”, AFTUR, Research program of the European Commission, (FP5)

November 2005 – June 2007

“Development of new chemical processes for the production of Greek biodiesel from biomass and its uses in Greek market”, GREEK BIODIESEL, Research program of the Greek Ministry of Development.

May 2005 – April 2007

“Experimental study of the production chain of non-esterified (crude) vegetable oils and testing them as fuels in internal combustion engines of agricultural

machinery”, PYTHAGORAS II, Research program of the Greek Ministry of Education.

October 2005 – December 2005

“Reformation of the undergraduate study program of the Department of Natural Resources & Agricultural Engineering of Agricultural University of Athens”, Program of the Greek Ministry of Education.

*Teaching Experience*

January 2006 – Today

Teaching assistant of the Laboratory of Agricultural Mechanization of Agricultural University of Athens in Field Agricultural Machinery, in Agricultural Tractors

January 2008 – August 2008

Lecturer with contract in the Laboratory of Agricultural Mechanization of Agricultural University of Athens on the subject “Agricultural machinery”

*Reserved Second Lieutenant*

April 2004 – April 2005

Obligatory military service in Greek Infantry.

After studying in School of Infantry Reserve Officers (Σ.Ε.Α.Π.) in Iraklion, Crete for four months, I served as a novice officer and I was promoted in Second Lieutenant the last month of my service.

*Part time member of staff in the Student Union of Cranfield University*

June 2003 – September 2003

Working as a bar tender in the student union.

*Internship (Valencia, Spain)*

June 2001 – August 2001

Obligatory practical training for the diploma of Agricultural University of Athens

Trainee in a EU program of Polytechnic University of Valencia “Validation of spraying machinery in the county of Valencia for environmental protection”

Measurements of spraying machinery properties in the area of Valencia aiming in the control of chemical applications according to the EU environmental legislation

*Internship (Athens, Greece)*

June 2000 – August 2000

Obligatory practical training for the diploma of Agricultural University of Athens

Trainee in the Institute of Agricultural Constructions & Machinery under the National Agricultural Research

Measurements of pump efficiency and tractor power and pull.

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**LANGUAGES**

- Greek: Mother tongue
- English: First Certificate in English (University of Cambridge)
- Spanish: Intermedio D.E.L.E. (Universidad de Salamanca)
- Portuguese: Certificate from University of Coimbra, Portugal

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**COMPUTER SKILLS**

- Operating Systems: Windows (XP, 7, 8), Linux (Ubuntu)
- Windows Office (XP, 7)
- AutoCAD
- SimaPro (novice)
- ArcGIS (novice)

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**MEMBERSHIPS**

- European Society of Agricultural Engineers (EurAgEng)
- International Society of Precision Agriculture (ISPA)
- Institute of Agricultural Engineers (IAgrE)
- Hellenic Society of Agricultural Engineers (HelAgEng)
- Geotechnical Chamber of Greece

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**OTHERS**

- Car & motorcycle driving license (1996)

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**EXTRACURRICULAR ACTIVITIES**

Better Training for Safer Food – Pesticide Application Equipment, Barcelona, 2016

6<sup>th</sup> European Workshop on Standardised Procedure for the Inspection of Sprayers in Europe, Barcelona, 2016

1<sup>st</sup> Conference of Geographic Information Systems and Spatial Analysis in Agriculture and the Environment, Athens, 2015

9<sup>th</sup> National Conference of Agricultural Engineering”, Thessaloniki, Greece, 2015

12<sup>th</sup> International Conference on Precision Agriculture, Sacramento, USA, 2014

“European Conference on Agricultural Engineering 2014”, Zurich, Switzerland,

2014

“International Symposium on Agricultural Engineering”, Belgrade, Serbia, 2013

“8<sup>th</sup> National Conference of Agricultural Engineering”, Volos, Greece, 2013

“7<sup>th</sup> National Conference of Agricultural Engineering”, Athens, Greece, 2011

“19<sup>th</sup> European Biomass Conference & Exhibition”, Berlin, Germany, 2011

“Strategies and policies of common sense – EE and RES solutions for energy independence, competitive prices and exit from the crisis”, Plovdiv, Bulgaria, 2010

“European Conference on Agricultural Engineering 2010”, Clermont-Ferrand, France, 2010

“6<sup>th</sup> National Conference of Agricultural Engineering”, Thessaloniki, Greece, 2009

“17<sup>th</sup> European Biomass Conference & Exhibition”, Hamburg, Germany, 2009

“Renewable Energy 2008”, Busan, Korea, 2008

“European Conference on Agricultural Engineering 2008”, Hersonissos, Crete, Greece, 2008

“5<sup>th</sup> National Conference of Agricultural Engineering”, Larissa, Greece, 2007

“3<sup>rd</sup> International Bioenergy Conference & Exhibition”, Jyvaskyla, Finland, 2007

“15<sup>th</sup> European Biomass Conference & Exhibition”, Berlin, Germany, 2007

“World Congress of Agricultural Engineering”, Bonn, Germany, 2006

“4<sup>th</sup> National Conference of Agricultural Engineering”, Athens, Greece, 2005

“3<sup>rd</sup> National Conference of Agricultural Engineering”, Thessaloniki, Greece, 2003

“Modern Waste Management – Together for an environmentally friendly future”, Athens, 2003.

Seminar for fast ploughing by the Head Engineer of R&D in JCB, Cranfield University, Silsoe, 2003

## INTERESTS

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- Traveling
- Volleyball, Basketball, Football
- Music