

Curriculum Vitae

Name: **Stelios P. Rozakis**
Date of Birth: 4/4/1964
Marital status: Married, two children
Work coordinates: University Campus, Kounoupidiana, 73100 Chania, GR
Tel. +30281005961 email: srozakis@isc.tuc.gr
Correspondence: Giaboudaki 111, 73134 Chania, Crete , GR

A. PROFESSIONAL EXPERIENCE

2015 - Associate Professor “Operations Research in Agriculture and Energy”, School of Environmental Engineering, Technical University of Crete

2010 - 2015 Associate Professor “Operations Research in Agriculture and Energy”, Department of Agricultural Economics and Development, Agricultural University of Athens

2004- 2010 Assistant Professor, Laboratory of Agribusiness Management, Dept. of Agricultural Economics and Rural Development, Agricultural University of Athens

2002-2004 Senior Research Fellow, National Institute of Agricultural Research (INRA), Unité Mixte de Recherche: Economie Publique, France

2001 Research fellow (Marie-Curie grant), Mediterranean Agronomic Institute of Chania (MAICh)

1997-2000 Research fellow in the National Institute of Agricultural Research, France, Training and Mobility Research Program - European Commission

1997 Financial Analyst, Greek Telecommunications Ltd (O.T.E.)

1993-1997 Research assistant, Dept of Agricultural Economics, Agricultural Univ of Athens

1991-1993 Military Service, Armored Division.

B. STUDIES AND DEGREES

2000 Ph.D. in Agricultural Economics entitled “***Biomass as a renewable energy source and an alternative use of land: A socio-economic approach***”, Agricultural University of Athens, Agricultural Economics Department. Dissertation was prepared in the period 1995-2000 including external seminars as follows:

- (1995) Sustainable Development, IAM Montpellier, Caire, Egypt
- (1996) Environmental and Conservation Policies, Agr Univ Athens, Greece
- (1998) New systemic approaches for alternative land use – Economics of Natural Resources and (1999) Multicriteria programming in agriculture, IAM Zaragoza, Spain
- (1999) Multicriteria Decision Support, LAMSADE-Dauphine, Paris, France
- (1999) GAMS software and (2000) Coping with risk in Agriculture, Wageningen NL

1991 Master’s of Public Affairs (M.P.A.) in **Public and Environmental Policy Analysis, Energy policy**, Indiana University, School of Public and Environmental Affairs

1989 D.E.A. in **Sociology**, “***Technical Innovation and Social Change***”, University of Paris I, Pantheon-Sorbonne, Department of Philosophy

1988 D.E.S.S. “*Evaluation of Projects and Industrial Development*”, University of Paris I, Institute of Economic and Social Development Studies (IEDES)

1986 Bachelor in **Economics**, Athens University of Economics and Business, Dept of Economics

Scholarships - Awards

1997-2000 Marie-Curie Fellowship Training and Mobility Research Program, DG for Science, Research and Development, European Commission

1991 Burham Foundation Grant for research work in the East-West Center

1990 Indiana University Scholarship, International Student Services

C. TEACHING EXPERIENCE

Undergraduate courses in TUC : *Project Management, Sustainable Development, Innovation and Entrepreneurship*

Graduate level: *Environmental Economics and Policy*

Undergraduate courses in AUA : *Operations Research in Agriculture, Mathematics of Finance, Investment Appraisal, Agricultural Economics and Policy, Economics of Animal Production*

Graduate level: *Operations Research, Topics in Management Science, Socio-economics of Energy*

Supervisor and/or member of the committee in undergraduate, graduate and doctoral theses in

- Master’s Integrated Rural Development & Management of Rural Space, Agr. Econ, AUA
- MBA in Agribusiness Management, collaboration: Agricultural Economics and Food Science and Technology Departments of AUA
- Master’s in Systems and Renewable Energy Sources, Agr Eng and Natural Resources, AUA
- Dynamique Territoriale et Aménagement Rural, Lab of Rural Space, University of Thessaly
- Master’s in Business Economics and Management, MAI Chania

Supervisor in doctoral dissertations:

I. M. Haque State Scholarship-IKY (2006-2011) entitled «Economic and Environmental Evaluation of Bioethanol production in the ex-Sugar Factory in Thessaly, AUA (currently with the Sugar Institute in Dhaka, Bangladesh)

A. Petsakos State Scholarship-IKY (2007- 2012) entitled «A bio-economic approach in mathematical model building of arable farms”, AUA (currently with the International Potato Institute in Lima, Peru)

D. Kremmydas (2013-) Assistant technical staff in AUA, entitled « Integrated agent based model of Greek agriculture for policy analysis”

Visiting Professor

April 2010: University Paris-Dauphine, Laboratory of Decisions Support Systems (LAMSADE).

2002-2004: University of Crete, Department of Economics, adjunct professor 407/80

Undergraduate courses: *Decision Theory and Multi-criteria Analysis, Microeconomics, Statistics*

2001-2002 Technological Education Institute of Crete, Natural Resource Systems and Management, undergraduate courses: *Energy Economics, Environmental Sociology.*

Lectures at the graduate level :

- Mediterranean Agronomic Institute of Montpellier (1998-2002)
- University of Montpellier Paul Valery (2000-2002)
- Polytechnic University of Yaoundé, Cameroun (2000)
- AgroParisTEch, Agronomic University in Paris (2002)
- Mediterranean Agronomic Institute of Chania (2009)

Involvement in the evaluation of international Higher Education and Research organisations

2005: Member of the Evaluation Committee of Biomass Division in CIRAD (Coopération Internationale en Recherche Agronomique pour le Développement) –Montpellier, FR

2010-2013: Member of the advisory board of PROFICIENCY project to foster the integration of IUNG (Institute of Soil Science and Plant Cultivation, Pulawy, Poland) within the European Research Area (ERA)

2015-2019: Member of the advisory board of BioEcon H2020-WIDESPREAD-2014-2 project

D. RESEARCH WORKS AND ACTIVITY

Research focuses on operation research subjects applied to agriculture and energy as well as Policy Analysis. Special emphasis is paid to common activities in the previous sectors, namely energy from agriculture. For this purpose mathematical modeling is implemented in models for multi-criteria analysis, also in decision support systems. Published research activity can be classified as follows:

Decision making for enterprises in the agricultural and the energy sector.

Mathematical programming at the farm level

Economic evaluation of energy crops and plantation

Economic evaluation and project appraisal of agro-energy carriers and energy systems

Policy analysis in agriculture and the energy sector

Evaluation and impacts of Common Agricultural Policy by means of sector models

Evaluation of policy measures for biofuels and the environment

Decision theory and multi-criteria analysis

Multi-criteria analysis methods

Decision support systems

Publications in refereed journals

1. Kampas, A., S.Rozakis, On the scarcity value of irrigation water: Juxtaposing two market estimation approaches, *Water Resources Management*, Article in Press
2. Escobar, N., Manrique-de-Lara-Peñate, C., Sanjuán, N., Clemente, G., Rozakis, S., 2016. An agro-industrial model for the optimization of biodiesel production in Spain to meet the European GHG reduction targets, *Energy*, . Article in Press
3. Cartalos, O., Rozakis, S., Tsiouki, D., 2016. A method to assess and support exploitation projects of university researchers, *Journal of Technology Transfer* Article in Press.
4. Carayannis, E.G., Rozakis, S., Grigoroudis, E., 2016. Agri-science to agri-business: the technology transfer dimension, *Journal of Technology Transfer*, pp. 1-7. Article in Press.

5. Drivas, K., Panagopoulos, A., Rozakis, S., 2016. Instigating entrepreneurship to a university in an adverse entrepreneurial landscape, *Journal of Technology Transfer*, Article in Press.
6. K. Drivas, A.T.Balafoutis, S. Rozakis, 2016. Research funding and academic output: evidence from the Agricultural University of Athens, *Prometheus* (United Kingdom): 1-22
7. A. Petsakos, S. Rozakis, 2015. Calibration of agricultural risk programming models, *European Journal of Operational Research* 242: 536-545
8. Georgiou, D., Mohammed, E.S., Rozakis, S., 2015. Multi-criteria decision making on the energy supply configuration of autonomous desalination units, *Renewable Energy* 75: 459-467
9. S. Rozakis, D. Kremmydas, R. Pudelko, M. Borzecka-Walker, A. Faber, 2013. Straw potential for energy purposes in Poland and optimal allocation to major co-firing power plants, *Biomass & Bioenergy* 58: 275-285
10. S.Rozakis, I.M.Haque, A. Natsis, M. Borzecka-Walker, K. Mizak, 2013. Cost-effectiveness of bioethanol policies to reduce carbon dioxide emissions in Greece, *International Journal of Life Cycle Assessment* 18: 306–318
11. A. Kampas, A. Petsakos, S. Rozakis, 2012. Price induced irrigation water saving: Unraveling conflicts and synergies between European agricultural and water policies for a Greek Water District, *Agricultural Systems* 113: 28–38
12. D.Kremmydas, A.Petsakos, S. Rozakis, 2012. Parametric Optimization of Linear and Non-Linear Models via Parallel Computing to Enhance Web-Spatial DSS Interactivity, *International Journal of Decision Support System Technology*, 4(1): 14-30
13. S. Rozakis , A. Sintori, K. Tsiboukas, 2012. Estimating utility functions of Greek dairy sheep farmers: A multicriteria mathematical programming approach, *Agricultural Economics Review* 13 (1): 111-120
14. Stelios Rozakis, 2011. Positive multicriteria models in agriculture for energy and environmental policy analysis, *Int. J. Multicriteria Decision Making* 1(3): 321-337
15. Stelios Rozakis, 2011. Impacts of flatter rates and environmental top-ups in Greece: A novel mathematical modeling approach, *Agricultural Economics Review* 12(2): 30-39
16. Kyriakarakos, G., Dounis, A.I., Rozakis, S., Arvanitis, K.G., Papadakis, G., 2011. *Polygeneration microgrids: A viable solution in remote areas for supplying power, potable water and hydrogen as transportation fuel*, *Applied Energy* 88: 4517-4526
17. A. Sintori, S. Rozakis, C. Tsiboukas, 2010. *Utility-derived supply function of sheep milk: The case of Etoloakarnania, Greece*, *Food Economics - Acta Agricult Scand C* 7 (2-4): 87-99
18. Iliopoulos, C., and S. Rozakis, 2010. Environmental cost-effectiveness of bio diesel production in Greece: Current policies and alternative scenarios. *Energy Policy* 38 (2): 1067-1078
19. M. Kourempele, G.Mavrotas, L.Geronikolou, S. Rozakis, 2009. Power generation expansion planning in an autonomous island system using multi-objective programming : the case of Milos island, *Operational Research International Journal* 10(1): 109-132
20. G. Mavrotas, and S. Rozakis, 2009. Extensions of the PROMETHEE method to deal with segmentation constraints: Application in a students' selection problem, *Journal of Decision Systems* 18(2): 203-229
21. A. Petsakos, S. Rozakis and K. Tsiboukas, 2009. Risk optimal farm plans in the context of decoupled subsidy payments: the case of cotton production in Thessaly, *Journal of Farm Management* 13(7): 467-483

22. A. Botonaki, K.Mattas, S.Rozakis, K.Tsiboukas, 2009. Impact des évolutions de la politique européenne sur les décisions des producteurs du coton en Grèce, *Cahiers Agricultures* 18(5): 402-407
23. S.Rozakis, K. Tsiboukas and M. Korasidis, 2008. CAP Reform Impacts To Greek Cotton Farmers: A Mathematical Programming Approach, *J Agricultural and Food Economics* 3(1-2): 95-116
24. Kulišić B., E. Loizou, S.Rozakis, and V. Šegon, 2007. Impacts of biodiesel production on Croatian economy, *Energy Policy* 35: 6036-6045
25. A.Kazakçi, S. Rozakis, D. Vanderpooten, 2007. Energy crop supply in France : A min-max regret approach, *Journal of the Operations Research Society*, 58(11): 1470-1479
26. C.J. Pantzios, S. Rozakis, V. Tzouvelekas, 2006. Evading Farm Support Reduction Via Efficient Input Use: The Case of Greek Cotton Growers, *J Agricultural and Applied Economics* 3(1-2): 85-106
27. V. Lychnaras, S. Rozakis, 2006. Economic Analysis of Perennial Energy Crop Production in Greece under the light of the new C.A.P., *New MEDIT* 5(3), pp. 29-37.
28. S. Rozakis, J-C. Sourie, 2005. Micro-Economic Modelling of Bio-Fuel System in France to Determine Tax Exemption Policy under Uncertainty, *Energy Policy* 33(2) : 171-182
29. J-C Sourie, D. Tréguer, S. Rozakis, 2005. L'ambivalence des filières biocarburants, *Recherches en Economie et Sociologie Rurale*, no 2, Département Sciences Sociales, Agriculture et Alimentation, Espace et Environnement, INRA.
30. S. De Cara and S. Rozakis, 2004. Carbon sequestration through the planting of multi-annual energy crops: A dynamic and spatial assessment, *Agricultural Economics Review*, v. 5-1:56-72
31. S. Rozakis, P.G.Soldatos, L.Kallivroussis, I.Nikolaou, 2001. Multiple Criteria analysis of bio-energy projects: Evaluation of Bio-electricity production in Farsala plain, Greece, *Journal of Geographical Information and Decision Analysis*, 5(1): 49-64
32. J-C. Sourie, S. Rozakis, 2001. Bio-fuel production system in France: An Economic Analysis, *Biomass and Bio-energy*, v.20-6 (June): 483-489.
33. S. Rozakis, JC Sourie, D. Vanderpooten, 2001. Integrated micro-economic modeling and multi-criteria methodology to support public decision-making: The case of liquid bio-fuels in France, *Biomass and Bio-energy*, v.20-5 (May): 385-398
34. S.Rozakis, N. Danalatos, K.Tsiboukas, 2001. Crop rotation in Thessaly: bio-economic modelling for efficient management, *MEDIT* N° 4: 50-57
35. S.Rozakis, P.G. Soldatos, G. Papadakis, S. Kyritsis, D.Papantonis, 1997. Evaluation of an integrated renewable energy for electricity generation in rural areas, *Energy Policy* 25(3) : 337-347

Chapters in books and collective publications

36. Rozakis S., 2010. [A Web-based Spatial DSS for estimating biomass-to-energy supply in Thessaly](#), in *Decision Support Systems in Agriculture, Food and the Environment*, (eds. Manos et al.) IGI Global: 450-465
37. Petsakos A., S. Rozakis, 2009. Critical Review and State-of-the-Art of PMP Models: An Application to Greek Arable Agriculture, *Research Topics in Agricultural and Applied Economics* 1: 36-63, Bentham Science Publishers

38. S. Rozakis, 2008. Energy from biomass in Greece: Current situation and perspectives, in K.Krimpas and L. Louloudis (eds.) ‘*Greek agriculture and policy*’, Academy of Athens (in greek)
39. Mattas K., E. Loizou, S. Rozakis, E. Tzouvelekas, 2006. Agricultural modelling: an input-output approach, στο *Leaves and Cigarettes : Modelling the tobacco industry, with application to Italy and Greece*, F. Ferretti (ed.), Francoangeli Publisher, Milano, pp. 177-242.
40. Sourie J-C, S. Rozakis, 2005. Analyse économique des filières biocarburants, στο *La Chimie Verte*, P. Colonna (ed.), Editions Tec & Doc - Lavoisier, pp. 511-524.
41. Rozakis S., Sourie J-C, Vanderpooten D., 2002. Determining efficient biofuel tax exemption policy in France for greenhouse gas emission abatement, in *Economics of Sustainable Energy Agriculture*, E.vanIerland & A.OudeLasink (eds.), Kluwer Academic Publishers, The Netherlands, pp. 217-237.
42. G. Mavrotas, S.Rozakis, 2002. A mixed 0-1 MOLP approach for the planning of biofuel production, in *Options Méditerranéennes*, Rozakis & Sourie (eds.), Special Issue ‘Comprehensive economic and spatial bio-energy modeling’, Series A - N° 48, CIHEAM
43. S.Rozakis, S.Casalegno, JM Gilliot, 2002. Multicriteria decision-making on bio-energy projects assisted by G.I.S.: current applications and perspectives, in *Options Méditerranéennes*, Rozakis & Sourie (eds.), Special Issue ‘Comprehensive economic and spatial bio-energy modeling’, Series A - N° 48 CIHEAM
44. S.Rozakis, JC Sourie, 2002. Micro-economic modelling of the biofuel chain system in France, in *Options Méditerranéennes*, Rozakis & Sourie (eds.), Special Issue ‘Comprehensive economic and spatial bio-energy modeling’, Series A - N° 48: 23-33 CIHEAM.
45. S.Rozakis, 2000. Theory and practice of sustainable development and alternatives energy initiatives at the local level, in L.Louloudis and N. Beopoulos (eds.), *Critical approaches to development and environmental protection of the countryside*, Στοχαστής publishers (in greek).

Editing of journal issues or collective publications

46. guest editor with E. Carayannis (forthcoming), Special issue *Journal of Technology Transfer "From Agri-Science to Agri-Business"*
47. co-editing with E. Carayannis, N. Kalaitzantonakis, E.Grigoroudis (forthcoming), *Handbook Agriscience to Agribusiness*, Springer Innovation in Science Series
48. P. Soldatos and S. Rozakis (eds.), 2005. *The Food Industry in Europe*, Erasmus Intensive Programme in Business Management with Emphasis in Food Industry Entreprises, Agricultural University of Athens, p. 351.
49. S.Rozakis and JC. Sourie (eds.), 2002. *Options Méditerranéennes*, Special Issue on ‘*Comprehensive economic and spatial bio-energy modeling*’, Serie A, No 48, CIHEAM.

Communications to Conferences

recent:

S. Rozakis, Tech transfer in public academic institutions in agricultural sciences, BioEconomy in Agriculture, Institute of Soil Science & Plant Cultivation, Pulawy, Poland, June 2016

A. Bartoli, D. Caviccholi, A. Olper, S. Rozakis, Biogas Production in Lombardy: The Impact of Different Policy Options on Silage Maize Price and Land Use Change, accepted for oral presentation in the *International Conference of Agricultural Economists*, Milan, August 2015

N. Escobar, C. Manrique, N. Sanjuán, S. Rozakis, Environmental and economic assessment of the optimized biodiesel production in Spain from domestic raw materials, *VI International Conference on Life Cycle Assessment in Latin America: CILCA 2015*, Lima, Peru, July, 2015

C. Caldeira, L. Dias, F. Freire, D. Kremmydras, S. Rozakis, Allocating Shadow Prices in a Multiobjective Chance-Constrained Model For Biodiesel Blending, *Energy for Sustainability Conference*, Sustainable Cities: Designing for People and the Planet Coimbra, May, 2015

O. Cartalos, G. Mavrotas, S. Rozakis, Project selection for technology transfer support activities in a public University, *MCDA Workshop PROMETHEE*, ULB, January 2015

Liontakis, A., Kremmydas, D., and S. Rozakis, Performance and Sustainability in Academic Research: An Agricultural Higher Education Case, 146th EAAE Seminar " *Technology transfer as a driver of innovative entrepreneurship in agriculture and the agri-food industry*", MAICh, July 2015

K. Drivas, A. Panagopoulos, S. Rozakis, Likelihood and Technology Readiness of Disclosure at an Office of Technology Transfer, 146th EAAE Seminar " *Technology transfer as a driver of innovative entrepreneurship in agriculture and the agri-food industry*", MAICh, July 2015

O. Cartalos, S. Rozakis, P. Kritsalis and D. Tsiouki, Promoting technology transfer in a Greek University, 146th EAAE Seminar " *Technology transfer as a driver of innovative entrepreneurship in agriculture and the agri-food industry*", MAICh, July 2015

previous years (classified by topic):

Agricultural, Environmental and Resource Economics: Agricultural Economics Society, European Association of Agricultural Economists, American Association of Agricultural Economists, Société Française Economie Rurale (SFER), Ελληνική Εταιρεία Αγροτικής Οικονομίας, European Society of Rural Sociologists, Ελληνική Εταιρεία Περιφερειακής Αναπτυξης

Energy and Environmental Economics: International Association of Energy Economists, International Conference on Sustainable Energy, International Water Association, International Conference on Life Cycle Management, European Biomass Conference, International Conference on Mechanical Engineering, American Society Agricultural Engineers (ASAE), Ινστιτούτο Ηλιακής Τεχνικής, Environmental Management, Engineering, Planning and Economics (CEMEPE 2011)

Operations Research: European Working Group Decision Multiple Criteria Decision Aiding, Ελληνική Εταιρεία Επιχειρησιακών Ερευνών, Institute for Operations Research and Management Sciences (EURO/INFORMS), Balkan Conference on Operational Research (2011)

Working papers/ongoing research

P. Mathiou & Stelios Rozakis & Rafal Pudelko & A. Faber & A. Petsakos, 2014. "[Utility maximising supply response: the case of perennial biomass plantations in Poland](#)," *Working Papers* 2014-3, Agricultural University of Athens, Department Of Agricultural Economics. submitted to **CG Bioenergy**

INVOLVED IN RESEARCH/EDUCATION PROJECTS

Project coordinator on behalf of the university (AUA) or the institute (INRA)

Education/Research project (1):	<i>Adding Value to Research Output - Innovation and Entrepreneurship in the Agricultural University of Athens</i>
Unique contractor:	Agricultural University, Athens
Funding institution:	Municipality of Athens
Program / Duration:	2014-2015
Education project (2):	<i>Innovation and Entrepreneurship Unit</i>
Unique contractor:	Agricultural University, Athens
Funding institution:	Hellenic Ministry of Education
Program / Duration:	2010-2014
Research project (3):	<i>Software development for spatial DSS for bio-energy projects</i>
Unique contractor:	Agricultural University, Athens
Funding institution:	Institute of Soil Science and Poland Cultivation (IUNG, Poland)
Program / Duration:	2011-2012
Research project (4):	<i>Pilot plantations of energy crop in tobacco growing areas (PILOTEC)</i>
Main contractor:	Institute of Agricultural Policy Analysis, National Foundation of Agronomic Research (ETHIAGE)
Cooperating institutions:	Agricultural University, Athens, Greece, University of Thessaly
Funding institution:	OPEKEPE, Greece
Program / Duration:	Tobacco fund (<i>Reg.(EC) 2182/02</i>) / 2006-2009
Research project (5):	<i>European Non-food Agriculture (ENFA)</i>
Main contractor:	Research Unit Sustainability and Global Change, Hamburg University
Cooperating institutions:	Hamburg University and University of Hohenheim, Germany, Utrecht University, the Netherlands, Trinity College University of Dublin, Ireland, Plant Breeding and Genetics, IGER, United Kingdom, Agrotechnology and Food Innovations B.V., Swedish University of Agricultural Sciences, EC Baltic Renewable Energy Centre, Warszawa, Poland, , Germany, Agricultural University of Athens, Greece, INRA, Thiverval-Grignon, France, Obersteiner Consulting Engineers (OCE), Austria, University of Natural Resources and Applied Life Sciences, Vienna
Funding institution:	Research Directorate-General, European Commission
Program / Duration:	2005-2007
Research project (6):	<i>Développement d'un outil d'aide à la décision sur les biocarburants en France suivant une approche systémique</i>
Main contractor:	IFP (Institut Français du Pétrole), INRA
Cooperating institutions:	INRA (France), IFP, Université Paris Dauphine-LAMSADE
Funding institution:	ADEME

- Program / Duration: AGRICE / 2004-2005
 Publications: S. Rozakis, B. Gabriel, D. Treguer, V. Saint-Antonin, J-F Gruson, S. His. *Rapport final du projet*, Direction des Etudes Economiques, Ref. IFP : 58905, Octobre 2005.
 Frédérick Bernard, Valérie Saint-Antonin, Stéphane His, David Tréguer, Stelios Rozakis, *Agro-industrial and Refining Model Integration for Decision Making Purposes Concerning Bio-fuel Take-off*, 29th International Association of Energy Economists (IAEE), Potsdam 2006.
- Research project (7): ***Alternative Crops Integration in a Spatial Analysis - ACISA***
 Main contractor: CIEMAT - Centro de Investigaciones Energeticas, Medioambientales
 Cooperating institutions: INRA (France), JOANNEUM (Austria), AUA(Greece), U ofThessaly,
 Funding institution: European Commission, Directorate General XVII
 Program / Duration: ALTENER-SAVE / 2002-2003
 Publications: Saez, R. et al., 2004, *Global Analysis of Energy Crops in a Spatial Dimension (ACISA)*, Coleccion Documentos CIEMAT, Madrid (ESP) : 185 p. -
- Research project (8): ***Studies of bioethanol production from carob***
 Main contractor: MAICH-Mediterranean Agronomic Institute in Chania
 Cooperating institutions: INRA (France), TEI of Crete, Regional Energy Office of Crete
 Funding institution: European Commission, Directorate General for Energy and Transport
 Program / Duration: ALTENER / 2002-2003
- Research project (9): ***Efficient public policies for the take-off of agricultural biomass-to-energy projects in Greece in the context of the European Union CAP***
 Main contractor: MAICH-Mediterranean Agronomic Institute of Chania
 Funding institution: European Commission, Directorate General VI
 Program / Duration: FAIR / 2001-2002
 Publications: S.Rozakis, N. Danalatos, K.Tsiboukas. (2001) Crop rotation in Thessaly: bio-economic modelling for efficient management of arable land farms, *MEDIT N° 4: 50-57*
 S.Rozakis and JC. Sourie (eds.), *Options Méditerranéennes, 'Comprehensive modeling of bio-energy systems'*, A-48, CIHEAM.
- Research project (10): ***Biomass for energy as an alternative land use in Thessaly***
 Contractor: Agricultural Economics Department
 Funding institution: Agronomic University of Athens
 Program/ Duration: Research Committee Fund / 1997
 Reports-Publications: P.G.Soldatos, S.Rozakis, 1997, Energy from biomass: economic evaluation, *Triptolemos*, Agr. Univ. of Athens Press

Research collaboration

- Research project (11): ***Une approche intégrée, énergétique, environnementale, économique, des nouvelles filières de production de biocarburants, fondées sur une utilisation des pailles de céréales : cogénération et production d'éthanol de grain, production d'éthanol par hydrolyse enzymatique des pailles***
 Main contractor: INRA- UMR Economie publique Grignon
 Funding institution: Ministère de l'Agriculture, France / 2002-2003

- Cooperating institutions: French Renewable Energy Agency (ADEME), Farmer Group National Federation (FNCUMA), Cooperative Ethanol Industry (BENP)
- Research project (12): ***Biofuel perspectives in Greece***
 Main contractor: Agronomic Univ. of Athens, Agricultural Engineering Dept, Greece
 Cooperating institutions: AUA-Agricultural Economics Department
 Center for Renewable Energy Sources-CRES
 Funding institution: Greek Ministry of Energy and Transport / 1999-2000
 Publications: S. Rozakis, (2000), Biofuel chains in France, in 'Technico-economic feasibility study of bio-fuels in Greece', ed. S. Kyritsis, Agr. Univ. of Athens Press
- Research project (13): ***MULTISEES- A multiple criteria decision tool for the integration of energy crops into the Southern Europe Energy System***
 Main contractor: CIEMAT Madrid, Spain
 Cooperating institutions: Agronomic University of Athens, Agricultural Economics Department,
 Funding institution: European Commission, Directorate General XVII
 Program / Duration: ALTENER-SAVE / 1998-1999
 Reports-Publications: Rozakis S., 2001, Energy Crops Integration Using A Multiple Criteria Decision-Making Tool, eds. Varela, M. et al., Colección Documentos CIEMAT, ISBN 84-7834-404-7
 R.Saez, S.Rozakis, et al, 2000, A multiple criteria decision tool for the integration of energy crops into the Southern Europe Energy System, ed. S.Kyritsis, 1st World Biomass for Energy Conference proceedings, Sevilla
 S.Rozakis, P.G.Soldatos, I.Nikolaou, L.Kallivroussis, Multiple Criteria Decision Making on bio-energy projects assisted by G.I.S.: The case of Farsala, *J. of Geographical Information and Decision Analysis*
- Research project (14): ***Economic and financial analysis of projects of development in the mountainous zone of Menelaida, Thessaly***
 Main contractor: CIHEAM Montpellier
 Cooperating institutions: Agronomic University of Athens, Agricultural Economics Department
 Funding institution: European Commission, Directorate General XII
 Program/ Duration: NECTAR "Opérations de développement rural" / 1995-1997
 Reports-Publications: S.Rozakis, D.Psaltopoulos, K.Tsiboukas (1998), "Economic evaluation of development project in the less-favoured areas: Case study of Menelaida", NECTAR program final report (in French), IAM Montpellier
 K.Tsiboukas, D.Goussios, S.Rozakis (1997), *Agro-tourism contribution to the strategic development plan of the mountainous region of Menelaida: Impacts analysis*, XII Congress of European Society of Rural Sociologists, Mediterranean Agronomic Institute of Chania MAICH
 D.Psaltopoulos, K. Tsiboukas, S. Rozakis, 1998, Economic impacts of local development projects in Menelaida rural region, 1^o Symposium of Regional Development, Thessaloniki (in greek)
- Research subject (15): ***BIO-GUIDE, Environmental guidelines for the development of energy crops (Co-ordinator: Center for Renewable Energy Sources).***
 Main contractor: Center of Renewable Energy Sources-CRES, Greece
 Collaborating Institutions: Agronomic University of Athens, Agricultural Economics Dept
 Funding institution: European Commission

- Program / Duration: FAIR / 1997
 Reports-Publications: C.Panoutsou, K.Dalianis, S.Rozakis (1998), *Energy production from agricultural biomass in Greece: Synergies and antitheses of actors involved in the Bio-Guide project*, 10th European Biomass Conference, Wurzburg
- Research project (16): ***Models for the economic evaluation of biomass production as an alternative land use in the E.U. Development of expert system (Beaver)***
 Main contractor: Agronomic University of Athens, Agricultural Economics Department
 Cooperating institutions: INRA-Bioclimatologie, Ashton University, Aberdeen University, WIP-Germany, METRA-Ltd
 Funding institution: European Commission, Directorate General XII
 Program / Duration: FAIR/1994-1996
 Publications: P.G. Soldatos, S. Rozakis, G. Tsakalias, S. Kyritsis (1995), “*Beaver, An expert system for the estimation of the cost and evaluation of biomass production in Europe*”, L. B.S. Symposium “Energy Models for Policy and Planning”, London
- Research project (17): ***Large scale biomass cultivation for energy in the E.U.: Evaluation of long-term impact on farm income, employment and the environment (ACE)***
 Main contractor: Agronomic University of Athens, Agricultural Economics Department
 Cooperating institutions: ETA-Italy, WIP-Germany
 Funding institution: European Commission, Directorate General XVII
 Program/Duration: ALTENER/1995-1996
 Publications: L.Kallivroussis, S.Rozakis, V. Vassilatos, S. Kyritsis (1996), “*Crop residues as a source of decentralised heat and power production in rural areas, the case study of Thrace*”, 9th European Biomass Conference, Copenhagen
 S. Rozakis, Y. Vourdoumbas (1996), *Incentives for electricity generation from biomass in Crete*, 5th National Congress of the Solar Technology Institute, EKEFE Democritos, Athens, November 1996.
- Research project (18): ***Integration of renewable energy technologies in a remote region of South Crete: Frangocastello***
 Main contractor: Agronomic University of Athens, Agricultural Economics Department
 Cooperating institutions: WIP-Germany, ENERCON
 Funding institution: European Commission, Directorate General XVII
 Program/ Duration: ALTENER/ 1994-1995
 Reports-Publications: S.Rozakis, P.G. Soldatos, G. Papadakis, S. Kyritsis (1997), Evaluation of an integrated system of renewable energy sources for electricity generation in rural areas, *Energy Policy*, vol. 25, Iss 3, pp. 337-347, March
 S. Rozakis, P.G. Soldatos, S. Kyritsis (1994), “*Local integration of renewable energy technologies for water and fuels supply in the area of Frangocastello, South Crete*”, 3d Conference of Agricultural Economics, Kastri, Greece.

Reviewer in International Journals

Operations Research Int J., Journal of Global Optimization, International Transactions in Operational Research, Int J. of Multi-criteria Decision Making

Environmental and Resource Economics, Environment and Development Economics, Environmental Science and Technology, Environmental Modelling and Assessment, Energy, Energy & Environment, Energy Policy, Biomass & Bioenergy, BioEnergy Research, J of Fundamentals of Renewable Energy and Applications, International Journal of Sustainability in Higher Education, Sustainability, Water

European Review of Agricultural Economics, Food Economics, Land Use Policy, Journal of Agricultural and Food Economics, Journal of Farm Management, Agricultural Economics Review, Options Méditerranéennes, Research Topics on Agricultural and Applied Economics, Economie Rurale

Editorial activity in scientific journals

editorial board *International Journal of Multi-criteria Decision Making* (2009 -)

editorial board *International J of Sustainable Agricultural Management and Informatics* (2013 -)

Guest Editor *Journal of Technology Transfer* - Technology transfer as a driver of innovative entrepreneurship in agriculture and the agri-food industry (forthcoming)

Citations in journals:

Citations (Scopus >220, Google Scholar >650, Harzig.com >500)

h-index (Scopus: 8, Google Scholar: 12, Harzig.com: 12)

RePEc ranking of economists in [Greece](#) (80 of 404, top 20%), [European Union](#) (5362 of 19776, top 28%), Federal Reserve Bank of St. Louis, <http://ideas.repec.org/cgi-bin/rank.cgi?pro271&vbTW>

OPERATIONS RESEARCH: European Journal of Operational Research, Applied Mathematics and Computation, Journal of Decision Systems, RAIRO-Operations Research, Int J of Multicriteria Decision Making, System Engineering Theory and Practice, Applied Soft Computing Journal, Int J of Decision Support Technology

ENVIRONMENTAL SCIENCES: Ecological Economics, Journal of Environmental Management, Advances in the Economics of Environmental Resources, Environmental Science & Policy, Environnement et Société, Sustainability, Annals of Regional Science, Land Use Policy, International J of Life Cycle Assessment, J of Cleaner Production, Earth and Planetary Sciences, Recycling: Processes, Costs and Benefits, Science of the Total Environment, Int J of Applied Environmental Sciences

ENERGY: Energy Policy, Biomass and Bioenergy, Renewable Energy, Applied Energy, Renewable and Sustainable Energy Reviews, International Journal of Green Energy, Progress in Energy and Combustion Science, Bioenergy Research, Energy, International Journal of Hydrogen Energy, Energy Exploration and Exploitation, Biofuels Bioproducts & Biorefining, Energy and Fuels, J of Renewable and Sustainable Energy, IEEE Transactions on Power Systems, Biosystems Engineering, Green Energy and Technology

AGRICULTURE: European Review of Agricultural Economics, Revue d'Etudes en Agriculture et Environnement, Engenharia Agrícola, Cahiers Agricultures, Natures Sciences Sociétés, OCL - Oleagineux Corps Gras Lipides, Options Méditerranéennes, AgriRegioniEuropa, Bioresource Technology, Agricultural Water Management, Agricultural Economics Review, J de la Societe de Biologie, Agronomy for Sustainable Development, Sustainable Agriculture, Engenharia Agrícola

SOCIAL SCIENCES: Social Studies Of Science, Teoria e Evidencia Economica, Innovation, Journal Of Policy Modeling, Environmental And Development Economics, Advances In The Economics Of Environmental Resources

In textbooks:

Bureau, J-C., 2007. *La politique agricole commune*, Coll. Repères – Economie, La Découverte, Paris

In books by international publishers such as IFP Publications, TECHNIP, Springer

In reports to international organisations, representative bodies and parliaments:

OECD, Report To The Australian Government, Commission Interministerielle pour les Véhicules Propres et Economes (FR), Office Parlementaire d'Evaluation des Choix Scientifiques et Technologiques (FR), Inspection Générale Des Finances (FR).

in congress and seminar proceedings (EAAE, IAAE, AES), PhD and MSc dissertations (CIRANO, Canada - National Chen Kung University, Taiwan - LAMSADE, Univ Paris Dauphine - University of Regina, Saskatchewan - University of Padova), and

working papers (Iowa State University, National University of Singapore, European Commission JRC Sevilla, Université de Poitiers)

E. ADMINISTRATIVE EXPERIENCE – OTHER ACTIVITIES

- Head of the Post-graduate Program "MBA in Agribusiness", <http://www.mba.aua.gr> (2012-2015) - Steering Committee of the same program 2009-2012
- Coordinator for the Technology Transfer project appointed by the University Senate (2013-2015) <http://www.techtransfer.aua.gr>
- Coordinator for the Entrepreneurship and Innovation Program appointed by the University Senate (2011-2014) <http://www.moke.aua.gr>
- Vice Chair of the Agricultural Economics Department (2011-2013)
- Faculty representative in the AUA Senate (2005-06)
- Delegate of the Agricultural Economics Department in the University Library steering committee (since 2009)
- Member in Student Transfer from other Academic Institutions Committee
- Member in Purchases and Supplies Committees
- Delegate to the local association of faculty members AUA (2008-2010), and national association of higher education faculty ΠΟΣΔΕΠ (2006, 2008, 2014)
- Member of Students' Board in the Athens University of Economics and Business 1981-1985

Membership in scientific and professional societies

Board of Hellenic Federation of University Faculty Associations (POSDEP) 2016

Economic Chamber of Greece- West Cretan Section since 1987

Hellenic Society of Agricultural Economists (ET.AΓP.O.) since 1994.

Société Française de l'Économie Rurale, since 1997

Royal Society of Operational Research (Agriculture) since 1998

Work group in Multicriteria Decision Support since 1999, European Society of Operations Research

Other activities: conferences, communications, speeches

Scientific Committee member Energy for Sustainability «Sustainable Cities: Designing for People and the Planet», Coimbra, 2013 - 2015 - 2017

Chair of the Organizing Committee of the EAAE seminar " **Technology transfer as a driver of innovative entrepreneurship in agriculture and the agri-food industry**" June 2015
(<http://146eaae.maich.gr/>)

Voluntary Visitor invited by the U.S. State Department (5-13 Nov 2012) in the context of the "**Promoting Agricultural Entrepreneurship**" (University of California Davis, University of Maryland, University of Missouri-Columbia, University of the Pacific, The World Bank)

Member of the Scientific Steering Committee for the Hellenic Society of Agricultural Economists Conference in 2012

Invited speaker in the seminar 'Optimal land use for bioenergy production without jeopardising of food self-sufficiency and food security' (28-30/9/2011, IUNG Poland) http://proficiency-fp7.eu/Work_bioenergy/invited.html

Invited speaker in the seminar «Agriculture in the contemporary economy – current issues and impacts for the prefecture of Karditsa » Karditsa, 27/11/ 2009, Organised by : the Hellenic Society of Agricultural Economists Conference, local elected bodies and agencies.

Chair in the session «Consumer behavior, food safety» in the 113th EAAE seminar «*A resilient European food industry and food chain in a challenging world*», MAI Chania, Crete, 09/2009

Member of the Scientific Steering Committee 2nd International Conference for Economics, Statistics and Financing of Water Resources, Alexandroupolis, July 2009 (International Water Association - IWA Specialized Group on Economics and Statistics)

Member of the steering committee for the seminar «The role of policies in the agriculture and development in a changing global context », 10/12/2007, Agricultural University of Athens

Invited speaker from the Directorate General Agriculture to present research on «Estimations of impacts from the CAP reform to cotton production in Greece», DG AGRI, 8/6/2007

Invited speaker in the meeting «Biofuels: Present and future perspectives» presented «Revised CAP impact to the opportunity cost of energy crops », Organisers: Kozani Prefecture and Development Agency, Kozani 27/10/2005

Chair in the session «Irrigation Water Management» της 2nd International Conference for Economics, Statistics and Financing of Water Resources, Rethymno, July 2005 (International Water Association - IWA Specialized Group on Economics and Statistics)
<http://www.soc.uoc.gr/iwa>

Invited speaker in the seminar «Decision Support Systems and Models for Bioenergy» presentation on «Comprehensive modeling to evaluate bioenergy projects assisted by GIS». EC BREC/IBMER, 20-22 October 2004, Warsaw, Poland.

Rapporteur, in the Pacific Countries Energy Ministers' Conference and member of the organizing committee of the International Association of Energy Economists 1991, and Honolulu Hawai'i.