
Name: **Stelios P. Rozakis**
 Date of Birth: 4/4/1964
 Marital status: Married, two children
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A. PROFESSIONAL EXPERIENCE

2022 Professor “*Operations Research in Agriculture and Energy*”, School of Chemical and Environmental Engineering, Technical University of Crete

2016 - 2022 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, “*Operations Research in Agriculture and the Food Industry*”, Dept. of Agricultural Economics and Rural Development, Agricultural University of Athens

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

2001 Research fellow (Marie-Curie grant), Mediterranean Agron Institute of Chania (MAICH)

1997-2000 Doctoral fellow Marie-Curie Training and Mobility Research Program - European Com., National Institute of Agricultural Research (INRA), UMR Economie Publique, France

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

1993-1996 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.

The dissertation was prepared in the period 1995-2000 including external seminars as follows:

- (1995) Sustainable Development, Institut Agronomique Mediterranéen de Montpellier
- (1996) Environmental and Conservation Policies, Agricultural Univ Athens, Greece
- (1998) New systemic approaches for alternative land use – Economics of Natural Resources and (1999) Multi-criteria programming in agriculture, IAM Zaragoza, Spain
- (1999) Multi-criteria 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, Panthéon-Sorbonne, Department of Philosophy

1988 D.E.S.S. “*Evaluation of Projects and Industrial Development*”, University of Paris I, Panthéon-Sorbonne, 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 Doctoral 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 Technical Univ of Crete (TUC): *Project Management, Strategic planning and Innovation management, Micro and Macro Economics, Sustainable Development*

Graduate level (TUC): *Environmental Economics and Policy, Business Economics*

Graduate level MBA in Agribusiness in the Agricultural Univ of Athens (AUA): *Operations Research in Agriculture and the Food Industry, Management Science*

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

Graduate level Natural Resource-Agr Engineering (AUA): *Socio-economics of Energy Projects*

Undergraduate courses in the Univ of Crete (UoC): *Decision Theory and Multi-criteria Analysis, Microeconomics, Statistics, Seminar in Energy Economics and Policy*

Undergraduate courses in the Technological Educational Institute of Crete (TEI): *Energy Economics, Environmental Sociology.*

Lab founder Bioeconomy and Biosystem Economics Lab (BiBEL), TUC (established in 2019)

Supervisor in doctoral dissertations:

2021- I. Kanakis “Socio-technological transitions and urban transformation: from history to contemporary challenges of sustainable transitions in the city of Chania (Crete)”

2019- K. Troullaki - Researchship ELIDEK “Life Cycle Sustainability Assessment of Distributed Manufacturing”

2013-2018 D. Kremmydas «Integrated agent based model of Greek agriculture for policy analysis” (currently senior researcher in EC Joint Research Center, Sevilla, previously Assistant teaching laboratory staff in AUA)

2007- 2012 A. Petsakos State Scholarship «A bio-economic approach in mathematical model building of arable farms”, AUA (Consultative Group on International Agr Research: Biodiversity, Roma; previously EC JRC, Sevilla, and Int. Potato Institute in Lima, Peru)

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

Visiting researchers/scholars in BiBEL, TUC:

2022 Spring Semester, prof. Neus Sanjuán Pellicer, Dept of Food Technology, Universitat Politècnica de València, Spain, topic: Multicriteria sustainability evaluation of Cretan diets

2022 Spring Semester, Marina Papadaki (Lab Teaching Staff in sabbatical leave from the Dept of Sociology, Univ of Crete), topic: Quantitative analysis of Environmental Migration

2021 October, Jacek Dach, head of Ecotechnologies Lab, Department of Biosystems Engineering, Poznan Life Sciences University

2021 October, prof. Alina Jusko, dr. Patrycja Pochwatka, Env Eng Dept, Lublin Life Sciences Univ

2021 June-September, Nelson Kevin Sinisterra Solís (doctoral candidate, Politecnica de Valencia),
topic: Sustainability assessment methods in the agri-food supply

2020 Andrea Bartoli (post-doc researcher, Politecnico di Milano & Univ of Salerno) – topic: Biogas
chain model building for policy decisions

Member of the supervising committee in graduate and doctoral theses in the following institutions:

- Institute of Energy Systems and Environment, Riga Technical University, Latvia
- Department of Bioeconomy and Systems Analysis, IUNG, Poland
- MBA in Food & 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
- Graduate program: Integrated Rural Development & Management of Rural Space, Dept. of Agricultural Economics, AUA

Visiting/adjunct Professor/Scholar

Aug 2017- July 2018: Department of Bioeconomy and Systems Analysis, IUNG, Poland

April 2010: University Paris-Dauphine, Laboratory of Decisions Support Systems, France.

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

2001-2002 Technological Education Institute of Crete, Natural Resource Systems and Management,

Lectures at the graduate level :

- Mediterranean Agronomic Institute of Montpellier (1998-2002, 2021)
- Cracow University of Economics (2019, 2021)
- Mediterranean Agronomic Institute of Chania (2009)
- AgroParisTEch, Agronomic University in Paris (2002)
- University of Montpellier Paul Valery (2000-2002)
- Polytechnic University of Yaoundé, Cameroun (2000)

Involvement in national/international Higher Education and Research organisations

2019 - : Member of the Scientific Council in the Agricultural Economics Research Institute (INAGROK), Hellenic Agricultural Organization 'Demeter', Greece

2015-2017: Member of the advisory board of BioEcon H2020-WIDESPREAD-2014-2 project

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

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

D. RESEARCH WORKS AND ACTIVITY

Research focuses on decision theory and operation research methods applied to agriculture and energy as well as Policy Analysis. Published research can be classified in topics as follows:

[reference # of publication – after 2016 in red]

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

Mathematical programming at the farm level [1, 2, 7, 8, 11, 30, 35, 38, 48, 49, 50, 57]

Economic evaluation of biomass to energy [12, 20, 32, 51, 52, 53, 55, 64, 66, 70]

Policy analysis in agriculture and the energy sector

Agricultural and natural resources policy analysis [23, 34, 45, 46, 60]

Evaluation of energy and environmental policy [3, 15, 16, 29]

Impact analysis at the meso-macro-economic level [4, 13, 17, 47, 65]

Socio-economic evaluation of agro-energy carriers and Renewable ES [5, 33, 39, 41, 58, 67, 73]

Strategic planning and innovation management [9, 14, 21, 22, 26, 27, 28, 72]

Decision theory and multi-criteria analysis

Multi-criteria decision analysis methods [18, 31, 43, 71]

Multi-objective optimization [24, 36, 37, 40, 42, 54, 56, 62, 68, 69]

Decision support and transdisciplinary research [6, 10, 19, 25, 59, 61, 63]

Publications in refereed journals

1. Kampas A., Rozakis S., A Fair and Participatory Procedure to Admit New Members in International Fishery Agreements: An Interactive Multi-criteria Approach (2022) *Operational Research*
2. Petsakos A., Rozakis S. Models and muddles: comment on 'Calibration of agricultural risk programming models using positive mathematical programming' (2022) *Australian Journal of Agricultural and Resource Economics* 59: 1-16
3. Rozakis, S., A. Bartoli, J. Dach, A. Jędrejek, A. Kowalczyk-Juśko, Ł. Mamica, P. Pochwatka, R. Pudelko, K. Shu. Policy impact on regional biogas using a modular modeling tool (2021) *Energies* 14, 3738
4. Kleftodimos G., Gallai, N., Rozakis, S., Képhaliacos, C. A farm-level ecological-economic approach of the inclusion of pollination services in arable crop farms (2021) *Land Use Policy* 107, 105462
5. Troullaki, K., Rozakis, S., Kostakis, V. Bridging barriers in sustainability research: A review from sustainability science to life cycle sustainability assessment (2021) *Ecological Economics*, 184, art. no. 107007.
6. Jurga P., Loizou E., Rozakis S. Comparing Bioeconomy Potential at National vs. Regional Level Employing Input-Output Modeling (2021) *Energies* 14(6), art no. 1714
7. Król-Badziak, A., Pishgar-Komleh, S.H., Rozakis, S., Księżak, J. Environmental and socio-economic performance of different tillage systems in maize grain production: Application of Life Cycle Assessment and Multi-Criteria Decision Making (2021) *Journal of Cleaner Production*, 278, art. no. 123792.
8. Kampas A., Rozakis S., Faber A., Mamica L. Assessing the Green Growth Trajectory through Resource and Impact Decoupling Indices: The Case of Poland (2021) *Polish Journal of Environmental Studies* 30(3):2573–2587

9. Bartoli, A., Ben Fradj, N., Gałczyńska, M., Jędrejek, A., Rozakis, S., Shu, K. Spatial Economic Modeling of the Waste-driven Agricultural Biogas in Lubelskie (2021) *Environmental and Climate Technologies*, 24 (3), pp. 545-559.
10. Ben Fradj, N., Jayet, P.A., Rozakis, S., Georganta, E., Jędrejek, A. Contribution of agricultural systems to the bioeconomy in Poland: Integration of willow in the context of a stylised CAP diversification (2020) *Land Use Policy*, 99, art. no. 104797, .
11. Pubule, J., Blumberga, A., Rozakis, S., Vecina, A., Kalnbalkite, A., Blumberga, D. Education for advancing the implementation of the bioeconomy goals: An analysis of MASTER study programmes in bioeconomy (2020) *Environmental and Climate Technologies*, 24 (2), pp. 149-159.
12. Ben Fradj, N., Rozakis, S., Borzęcka, M., Matyka, M. Miscanthus in the European bio-economy: A network analysis (2020) *Industrial Crops and Products*, 148, art. no. 112281.
13. Pishgar-Komleh, S.H., Zylowski, T., Rozakis, S., Kozyra, J. Efficiency under different methods for incorporating undesirable outputs in an LCA+DEA framework: A case study of winter wheat production in Poland (2020) *Journal of Environmental Management*, 260, art. no. 110138.
14. Shu, K., Kozak, M., Fradj, N.B., Zylowski, T., Rozakis, S. Simulation of sorghum introduction and its impacts on land use change—A case study on Lubelski region of Eastern Poland (2020) *GCB Bioenergy*, 12 (4), pp. 252-274.
15. Dolge, K., Kubule, A., Rozakis, S., Gulbe, I., Blumberga, D., Krievs, O. Towards industrial energy efficiency index (2020) *Environmental and Climate Technologies*, 24 (1), pp. 419-430.
16. Panagopoulos, A., Rozakis, S., Sideri, K., Anagnosti, A. University Technology Transfer and Agricultural Science Entrepreneurial Education: a View from Inside (2019) *Journal of the Knowledge Economy*, 10 (4), pp. 1466-1481.
17. Drivas, K., Rozakis, S., Xesfingi, S. The effect of house energy efficiency programs on the extensive and intensive margin of lower-income households' investment behavior (2019) *Energy Policy*, 128, pp. 607-615.
18. Bartoli, A., Hamelin, L., Rozakis, S., Borzęcka, M., Brandão, M. Coupling economic and GHG emission accounting models to evaluate the sustainability of biogas policies (2019) *Renewable and Sustainable Energy Reviews*, 106, pp. 133-148.
19. Loizou, E., Jurga, P., Rozakis, S., Faber, A. Assessing the potentials of bioeconomy sectors in Poland employing input-output modeling (2019) *Sustainability* (Switzerland), 11 (3), art. no. 594.
20. Król, A., Książak, J., Kubińska, E., Rozakis, S. Evaluation of sustainability of maize cultivation in Poland. A prospect theory-PROMETHEE approach (2018) *Sustainability* (Switzerland), 10 (11), art. no. 4263.
21. Kremmydas, D., Athanasiadis, I.N., Rozakis, S. A review of Agent Based Modeling for agricultural policy evaluation (2018) *Agricultural Systems*, 164, pp. 95-106.
22. Rozakis, S., Borek, R. Evaluation of agricultural reactivation on abandoned lands in Poland (2018) *AgBioForum*, 21 (2), pp. 135-152.
23. Rozakis, S., Viaggi, D., Oleszek, W. Central-Eastern European agriculture and the transition to bioeconomy (2018) *AgBioForum*, 21 (2), pp. 61-63.
24. Konstantinis, A., Rozakis, S., Maria, E.-A., Shu, K. A definition of bioeconomy through the bibliometric networks of the scientific literature (2018) *AgBioForum*, 21 (2), pp. 64-85.
25. Cartalos, O., Rozakis, S., Tsiouki, D., 2018. A method to assess and support exploitation projects of university researchers, *Journal of Technology Transfer* 43 (4): 986-1006.

26. Carayannis, E.G., Rozakis, S., Grigoroudis, E., 2018. Agri-science to agri-business: the technology transfer dimension, *Journal of Technology Transfer*, 43 (4): 837-843.
27. Drivas, K., Panagopoulos, A., Rozakis, S., 2018. Instigating entrepreneurship to a university in an adverse entrepreneurial landscape, *Journal of Technology Transfer* 43 (4): 966-985.
28. Kampas, A., S.Rozakis, 2017. On the scarcity value of irrigation water: Juxtaposing two market estimation approaches, *Water Resources Management*, 31 (4):1257-1269
29. Mantziaris, S., Rozakis, S., Karanikolas, P. 2017. CAP implementation under memorandum of understanding bail-out conditionality: Impacts on business-oriented arable farms in Greece *New Medit*, 16(4): 12-23.
30. Escobar, N., Manrique-de-Lara-Peñate, C., Sanjuán, N., Clemente, G., Rozakis, S., 2017. An agro-industrial model for the optimization of biodiesel production in Spain to meet the European GHG reduction targets, *Energy* 120: 619-631
31. Bartoli, A., Cavicchioli, D., Kremmydas, D., Rozakis, S., Olper, A. 2016. The impact of different energy policy options on feedstock price and land demand for maize silage: The case of biogas in Lombardy, *Energy Policy*, 96, pp. 351-363.

Before election as assoc professor in the School of Environmental Engineering TUC

32. Drivas K., A.T.Balafoutis, S. Rozakis, 2015. Research funding and academic output: evidence from the Agricultural University of Athens, *Prometheus* (United Kingdom) 33 (3): 235-256
33. A. Petsakos, S. Rozakis, 2015. Calibration of agricultural risk programming models, *European Journal of Operational Research* 242: 536-545
34. 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
35. S. Rozakis, D. Kremmydas, R. Pudełko, 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
36. 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
37. 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
38. 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
39. 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
40. Stelios Rozakis, 2011. Positive multicriteria models in agriculture for energy and environmental policy analysis, *Int. J. Multicriteria Decision Making* 1(3): 321-337
41. 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
42. 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

Before election as associate professor in the Agricultural University of Athens (AUA)

43. 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
44. 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
45. 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
46. 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
47. 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
48. 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
49. 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
50. Kulišić B., E. Loizou, S.Rozakis, and V. Šegon, 2007. Impacts of biodiesel production on Croatian economy, **Energy Policy** 35: 6036-6045
51. 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
52. 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
53. 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.
54. 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
55. 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.
56. 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
57. 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
58. 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.
59. 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
60. S.Rozakis, N. Danalatos, K.Tsiboukas, 2001. Crop rotation in Thessaly: bio-economic modelling for efficient management, **MEDIT** N° 4: 50-57

61. 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

62. Kremmydas, D., Konstantinis, A., Rozakis, S. 2021. The evolution of Decision Support Systems for agriculture: A bibliometric network approach, *Euro Working Group on DSS: A tour of the DSS development over the last 30 years*, (eds. Papathanasiou J., Zaraté P., J. Freire de Sousa), Springer-Nature, 97-113.
63. Kremmydas, D., Malliapis, M., Nellas, L., Polymeros, A., Rozakis, S., Tsiboukas, K. 2019. CAP Regionalization Design: A Decision Support System, *Communications in Computer and Information Science*, 953, pp. 84-96.
64. Caldeira C., Dias L., Freire F., Kremmydas D., Rozakis S. 2018. Allocating Shadow Prices in a Multi-objective Chance Constrained Problem of Biodiesel Blending. In: Berbel J., Bournaris T., Manos B., Matsatsinis N., Viaggi D. (eds) *Multicriteria Analysis in Agriculture. Multiple Criteria Decision Making*. Springer, Cham. https://doi.org/10.1007/978-3-319-76929-5_5
65. Kalaitzantonakis N., Carayannis E., E.Grigoroudis & S. Rozakis 2017. Introduction: Innovation and Technology Transfer in Agriculture, in eds. (Kalaitzandonakes et al. *Handbook Agriscience to Agribusiness*, Springer Innovation in Science Series
66. Kalaitzantonakis N., Carayannis E., E.Grigoroudis & S. Rozakis 2017. Concluding comments: Innovation and Technology Transfer in Agriculture, in eds. (Kalaitzandonakes et al. *Handbook Agriscience to Agribusiness*, Springer Innovation in Science Series

Before integration to the School of Environmental Engineering TUC

67. 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
68. 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
69. 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)
70. 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.
71. 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.
72. 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 in Agriculture*, E.vanIerland & A.OudeLasink (eds.), Kluwer Academic Publishers, The Netherlands, pp. 217-237.
73. 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
74. 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

75. 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.
76. S. Rozakis, 2001. The multicriteria model – The integrated model, in *Energy Crops Integration Using A Multiple Criteria Decision-Making Tool*, eds. Varela et al., p.228, Colección Documentos CIEMAT.
77. 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).

Monographs

78. S. Rozakis, D.Psaltopoulos, K.Tsiboukas, 1998, *Evaluation économique de projet de développement des régions marginales: Etude de cas en Menelaida*, NECTAR, IAM Montpellier.
79. S. Rozakis, 1998, Regional Agricultural Modelling and Multi-criteria Evaluation of Biomass-to-Energy Chains: The case of sweet sorghum to ethanol in Greece, *Études Économiques* 31, INRA Grignon, pp 200, ISBN: 2-7380-0839-9

Editing of journal issues or collective publications

Guest editor with L. Juvančič 2021, Special Issue in **Energies** “*Bioeconomy for Resilient Post-Covid Economies*”

Guest editor with Wieslaw Oleszek and Davide Viaggi 2018, Special Issue in **AgBioForum** “*Central Eastern European Agriculture and the Transition to Bioeconomy*”

Guest editor with E. Carayannis and E. Grigoroudis 2018, Special issue in the **Journal of Technology Transfer** “*From Agri-Science to Agri-Business*”

Co-editor with E. Carayannis, N. Kalaitzantonakis, E.Grigoroudis 2017, *Handbook Agriscience to Agribusiness*, Springer Innovation in Science Series

Before integration to the School of Environmental Engineering TUC

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 Univ of Athens, p. 351.

S.Rozakis and JC. Sourie (eds.), 2002. *Options Méditerranéennes*, Special Issue on ‘*Comprehensive economic and spatial bio-energy modeling*’, Serie A, No 48, CIHEAM.

ongoing research / papers submitted-under review

Kubińska E., M. Andrzejewski, M. Adamczyk and S. Rozakis. Status quo effect within PROMETHEE – the case of Cracow’s municipal companies. Under review in: *Socio-Economic Planning Sciences*

Troullaki, K., S. Rozakis, K. Latoufis, C. Giotitsas, C. Priavolou, F. Freire. Sustainable electrification of remote areas: a cosmological alternative, Unser review in: *Energy for Sustainable Development*

Communications / keynote / organisation to/of Conferences (>60)

Selected recent events

18-19 September 2021 - Co-chair of the *92d European Working Group-MultiCriteria Decision Analysis (EWG-MCDA) Meeting*, “MCDA as a transdisciplinary science” Economic Univ Kraków

20-23 July 2021- invited speaker **EAAE Congress Organized session** “Status and Challenges for Sustainable Circular Bioeconomy in Central and Eastern Europe”, Prague

13 May 2021 – (virtual) keynote speech ‘Strategic thinking and policy for bioeconomy development’ **Conference on Environmental and Climate Technologies, CONECT** Riga Tech Univ

20 Nov 2020 - Facilitator in the organized session / workshop - Rebooting the economy – sustainability, growth, and climate action delivered by the bioeconomy : The role of the bioeconomy in developing countries, GBS **Global Bioeconomy Summit, Berlin**

22-23 September 2020 - Co-chair of scientific committee in SGGW Warsaw Univ of Life Sciences - **ESARE III joint "Strategies for Bioeconomy in CEE countries"**, Warsaw

28-29 May 2019 - **172nd European Association of Agricultural Economists (EAAE)** seminar, Brussels, Belgium “Greening the CAP: what implication of crop diversification for farming systems in economic terms” co-authored with N.Ben Fradj, P.-A.Jayet, E. Georganta , P. Arampatzi, A. Jedrejek, and M. Kozak.

16-18 September 2018 - Chair of the scientific and organizing committee **167th Eur Assoc Agricultural Economists Seminar** “CEE Agriculture & the Transition to Bioeconomy”, IUNG Pulawy

22 – 25 May 2018, 4th **International Conference on Decision Support System Technology** – ICDSST 2018 & PROMETHEE DAYS 2018, Crete "Locally Manufactured Small Wind Turbines: Assessing their sustainability in remote areas in comparison with a commercial small wind turbine” co-authored with Katerina Troullaki (Technical Univ of Crete) and Fausto Freire (Univ of Coimbra).

August 2015, 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,

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

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

previous years conferences organized by (classified by topic):

Agricultural and Resource Economics: Agricultural Economics Society (Operations Research Group), 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: European Biomass Conference & Exposition, International Association of Energy Economists, European Association for Evolutionary Political Economy, International Conference on Sustainable Energy, International Water Association, International Conference on Life Cycle Management, European Biomass Conference, Energy for Sustainability – Univ Coimbra - MIT, 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 (EWG-MCDA), European Working Group Decision Support Systems (EWG-DSS), Ελληνική Εταιρεία Επιχειρησιακών Ερευνών, Institute for Operations Research and Management Sciences (EURO/INFORMS), Balkan Conference on Operational Research (2011)

INVOLVED IN RESEARCH/EDUCATION PROJECTS

Project coordinator / principal investigator

Research project (1):	<i>Life Cycle Sustainability Assessment of Distributed Manufacturing</i>
Unique contractor:	Technical University of Crete
Funding institution:	Ministry of Education, Hellenic Foundation of Research and Innovation ΥΠΕΘ, ΕΛΛΗΝΙΚΟ ΙΔΡΥΜΑ ΕΡΕΥΝΑΣ ΚΑΙ ΚΑΙΝΟΤΟΜΙΑΣ
Program / Duration:	2019-2022
Research (-):	<i>Dynamic model of farm for impact analysis of agricultural policy under economic and environmental uncertainties</i>
Unique contractor:	Technical University of Crete
Funding institution:	Ministry of Economic Development [Υπουργείο Οικονομίας & Ανάπτυξης, Ειδική Γραμματεία Διαχείρισης Τομεακών Επιχειρησιακών Προγραμμάτων του Ευρωπαϊκού Κοινωνικού Ταμείου ΕΣΠΑ 2014-2020, ΕΔΒΜ34 «Υποστήριξη ερευνητών με έμφαση στους νέους ερευνητές»]
Program / Duration:	2017 (<u>awarded but cancelled due to the resignation of the senior researcher because of his recruitment in JRC European Commission, Seville</u>)

Before integration to the School of Environmental Engineering TUC

Education/Research project (2):	<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 (3):	<i>Innovation and Entrepreneurship Unit</i>
Unique contractor:	Agricultural University, Athens
Funding institution:	Hellenic Ministry of Education
Program / Duration:	2010-2014
Research project (4):	<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 (5):	<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 (6):	<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 (7): ***Développement d'un outil d'aide à la décision sur les biocarburants en France suivant une approche systémique***
Main contractor: IFP (Institut Francais du Petrole), INRA
Cooperating institutions: INRA (France), IFP, Université Paris Dauphine-LAMSADE
Funding institution: ADEME
Program / Duration: AGRICE / 2004-2005
- Research project (8): ***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
- Research project (9): ***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 (10): ***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
- Research project (11): ***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

Research collaboration /task leader

- Research project (12): ***ANEALIEH***: ΑΝαβάθμιση εγκαταστάσεων Επεξεργασίας Λυμάτων για τη διαχείριση αυξανόμενων αναγκών και τη μείωση του λειτουργικού κόστους
Coordinator: Petros Gikas, Technical University of Crete (WP4 techno-economic appraisal)
Cooperating institutions:
Funding institution: Πρόγραμμα Συνεργασίας Interreg V-A «Ελλάδα – Κύπρος 2014-2020», Ευρωπαϊκή Ένωση (ΕΤΠΑ) 85% , 15% από Εθνικούς Πόρους της Ελλάδας και της Κύπρου
Program / Duration: 2021-2023

Research project (13): **RESCHEDULE**: RESilient to Climate CHange Extremes MeDiterranean AgricUltural Systems: LEveraging the Power of Soil Health and Associated Microbiota
 Coordinator: Tech Univ of Crete - PI N Paranychianakis (team leader WP4 Socio-economics)
 Cooperating institutions: Agricultural University, Athens, Greece, University of Thessaly
 Funding institution: PRIMA Partnership for Research & Innovation in the Mediterranean Area
 Program / Duration: 2021-2024

Before integration to the School of Environmental Engineering TUC

Research project (14): *Innovative Precision Technologies for Optimized Irrigation and Integrated Crop Management in a Water-limited Agro-system* **Duration:**
 Contractor: Agricultural University, Athens
 Funding institution: European Commission
 Program / Duration: LIFE08 ENV/GR/0000570 2010 – 2012

Research project (15): *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 (16): *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

Research project (17): *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

Research project (18): *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

Research subject (19): *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
- Research project (20): ***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
- Research project (21): ***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
- Research project (22): ***Integration of renewable energy technologies in a remote region of South Crete: Fragocastello***
- 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

Reviewer in International Journals

OPERATIONS RESEARCH and MANAGEMENT: European J Operational Research, Operations Research Int J., J Global Optimization, International Transactions in Operational Research, Int J. of Multi-criteria Decision Making, J Technology Transfer, Technovation, J of Knowledge Economy, Technology in Society

AGRICULTURE: European Review of Agricultural Economics, Food Economics, Agribusiness, Land Use Policy, Journal of Agricultural and Food Economics, Journal of Farm Management, Agricultural Economics Review, Options Méditerranèennes, Research Topics on Agricultural and Applied Economics, Economie Rurale, New Medit

ENERGY: Renewable and Sustainable Energy Reviews, 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, Agronomy Research, Energies

Editorial activity in scientific journals

editorial board *International Journal of Multi-criteria Decision Making* (2009 - 2018)

editorial board *International J of Sustainable Agricultural Management and Informatics* (2013 - 2019)

Citations in journals – academic ranking:

Citations (Scopus ~800, Google Scholar ~1600, ResearchGate >1125)

h-index (Scopus: 17, Google Scholar: 22 – i10: 40) - ResearchGate > 30

RePEc ranking of economists in [Greece](#) (121 of 565, top 22%), [European Union](#) (5152 of 22847, top 23%), *Top 5% in Record of graduates, as of October 2021*

Federal Reserve Bank of St. Louis, <http://ideas.repec.org/cgi-bin/rank.cgi?pro271&vbTW>

https://ideas.repec.org/f/pro271.html

Μικρά παιδιά ... Premier Publishing s.r.o. Sustainable Rural Dev... Stelios Rozakis - Econ... Décor

IDEAS Economic literature Authors Institutions Rankings

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Stelios Rozakis

Personal details Affiliation Research Citations **More** Corrections

More information

Research fields, statistics, top rankings, if available.

Statistics

Access and download statistics for all items

Rankings

This author is among the top 5% authors according to these criteria:

1. Record of graduates

Cited in more than 100 different peer-reviewed journals presented below by field:

OPERATIONS RESEARCH and MANAGEMENT: *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, Annals of Operations Research, Operational Research, International J of Business Analytics, Int J of Information Technology and Decision Making, Knowledge Management: Research and Practice, Studies in Systems, Decision and Control, Transport Problems, Management Decision, J of Intelligent and Fuzzy Systems, J Artif Societies & Soc Simulation*

AGRICULTURE: *Agricultural Systems, 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, Land, Revista de Economis e Sociologia Rural, Agriculture, Agronomy, Industrial Crops and Products, Australian Journal of Agricultural and Resource Economics, Global Food Security, Agricultural Water Management, Water, Acta Technologica Agriculturae*

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, Energy Conversion and Management, Energies, Energy and Environment, Applied Energy, GCB Bioenergy, Bioenergy Research, Renewable Energy Focus, Energy Reports

ENVIRONMENTAL SCIENCES: *Ecological Economics, Ecological Indicators, Journal of Environmental Management, Advances in the Economics of Environmental Resources, Environmental Science & Policy, Environnement et Société, Environmental Pollution, 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, Environmental Research Letters, Environmental and Climate Technologies, Building and Environment, Environmental Modeling and Software, Environmental Monitoring and Assessment, Environment, Development & Sustainability, Sustainable Production and Consumption, Environmental Science and Pollution Research*

SOCIAL SCIENCES: *Social Studies Of Science, Sustainability, Teoria e Evidencia Economica, Innovation, Journal Of Policy Modeling, Environmental And Development Economics, Advances In The Economics Of Environmental Resources, Environment Development and Sustainability, Journal of Air Transport Management, Educational Sciences:Theory and Practice, Land Use Policy, Human Ecology, Education and Training, European Planning Studies, Journal of Open Innovation, Globalization and Health, Technology in Society, Technological Forecasting and Social Change, Publications, Int J of Computational Economics and Econometrics, Public Administrations Issues*

In **textbooks**: BUREAU, J-C., 2007. *LA POLITIQUE AGRICOLE COMMUNE*, COLL. REPERES – ECONOMIE, LA DECOUVERTE, 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, University of Milano, University of Valencia, University of Coimbra), and

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

E. ADMINISTRATIVE EXPERIENCE – OTHER ACTIVITIES

- 2020 - Member of the Dissemination Committee, School of ChemEnv Eng, TUC
- 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

Economic Chamber of Greece- West Cretan Section since 1987

Hellenic Society of Agricultural Economists (ΕΤ.ΑΓΡ.Ο.) since 1994.

Société Française de l'Economie Rurale, since 1997

Royal Society of Operational Research (Agriculture) since 1998

ΕΕΕΕ Ελληνική Εταιρεία Επιχειρησιακής Έρευνας 2000

European Working group in Multicriteria Decision Support since 1999, European Society of Operations Research since 2000

Hellenic Federation of University Faculty Associations (POSDEP) 2005 - 2015

Other activities, conferences, communications, speeches

Youth Entrepreneurship Club 2021-10-26 Post-covid era for innovation in Crete, Start-up Europe

Lecture entitled "*Combining socio-economic and environmental dimensions to evaluate sustainability*", EURECA-PRO conference, 2021-10-06

Greek Cold Storage and Logistics Forum, προσκεκλημένος ομιλητής - "Σχεδιασμός κυκλικών επιχειρηματικών μοντέλων για βιώσιμη βιοοικονομία, 2021-05-18

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

Voluntary Visitor invited by the U.S. State Department () 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) 2012 Nov 5-17

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.

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

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.