

Curriculum Vitae

Konstantinos Elias Kounetas

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Personal Data

Nationality: Greek
Date of Birth.: 19ⁿ October 1974
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Degrees	<p>2002-2007: Phd- University of Patras, Department of Economics. Thesis: "<i>The Energy Efficiency Paradox in the Greek Manufacturing. Adoption of EETs and their effect on productivity and efficiency</i>".</p> <p>1999-2000: M.A-University of East Anglia (U.E.A)-Scholl of Social and Economic Studies. «<i>Master of Arts in Economics and International Business</i>».</p> <p>1995-1999: B.Sc. (<i>Ptychion</i>) in <i>Mathematics</i>. University of Patras, Department of Mathematics, Statistics and OR section.</p>
Research Interests	<p>Main research interests are focused at the fields of industrial organization, efficiency and productivity analysis, economics of energy efficient technologies and firm's environmental performance and innovation.</p>
Present Position	<p>2014-Today: Assistant Professor, Department of Economics, University of Patras, Greece (Applied Industrial Organization)</p> <ul style="list-style-type: none">• Mathematics for Economists I &II-Mathematical Economics (Erasmus)• Operational Research.• Energy Economics (and Erasmus)• Industrial Organization (and Erasmus)

	<ul style="list-style-type: none"> • Special Topics in Business Economics (Master Degree) • Health Economics (Master Degree-Department of Medicine)
Teaching Activity	<p>1. At the Department of Business Administration of Technological Institute of Patras (Adjunct Ass. Professor).</p> <ul style="list-style-type: none"> • 2002-2013. Teaching several courses as Microeconomics, Operational Research, Econometrics, Mathematics and Statistics. <p>2. At the Department of Department of Environmental and Natural Resources Management, University of Ioannina (Adjunct Lecturer)</p> <ul style="list-style-type: none"> • 2008-2009. Environmental Economics <p>3. At the Department of Economics, University of Patras (Adjunct Lecturer)</p> <ul style="list-style-type: none"> • 2008-2013. Mathematics for Economists I&II • 2011-2013. Operational Research. • 201-2017 Industrial Organization • 2014-2016. Energy Economics <p>4. Member of the Adjunct Faculty (tutors) of the Open University of Cyprus (postgraduate).</p> <ul style="list-style-type: none"> • 2013-2017: Health Economics <p>5. Member of the Adjunct Faculty (tutors) of the Open University of Greece (undergraduate).</p> <p>2015-2016, 2016-2018: Industrial organization, labor market and European firms.</p> <p>6. Visiting Professor at University of Naples "Parthenope" Department of Aziendali and Economics http://www.uniparthenope.it/index.php/en/visiting-professors/5497-visiting-professor-kounetas (2017-2018) and (2015-2016)</p> <p>7. Research Assistant at of the Institute of Studies on Mediterranean Societies (ISSM) in Naples of the Italian National Research Council (CNR)</p>
Professional Experience	<ul style="list-style-type: none"> • 2006-2007. Consultant to <i>DATA Research & Consulting</i>
Student Advising	Ph.D. Supervision, (2), Ph.D. Thesis Committee, Member (3), M.Sc. Supervision, (18)

Awards and Scholarships	<ul style="list-style-type: none"> • Research Grant “Herakleitos”, Ministry of Education and Religion Affairs University of Patras, Greece, 2004-2007 • Invited Speaker: International Academic Symposium R&D on Energy (Barcelona, 2014 , http://www.ieb.ub.edu/en/events-by-category/international-academic-symposium-rd-on-energy#.UrLU8bRbxwE) • Invited Speaker: Economics of Innovation and Knowledge, University of Torino-Collegio Carlo Alberto (Turin, 2015) http://www.carloalberto.it/events/seminars/economics-of-innovation-and-knowledge/2015-2016 • Invited Speaker: Tinbergen Institute, University of Erasmus (Rotterdam, 2016) http://www.tinbergen.nl/seminar/energy-efficiency-productive-performance/ • Invited speaker University of Naples “Parthenope” Department of Aziendali and Economics (2015-2016) • Invited Speaker: “Metaproduction functions and their application to measuring „energy consumption efficiency“ in China. Research Institute of Economics and Management, based in the Southwestern University of Finance and Economics (Chengdu, China, 2016) http://www.davidbroadstock.org/TIERS_EN_meetings/index.html.
Journals’ Refereeing	<p>Energy Economics-Energy Policy-The Energy Journal-International Journal of Production Economics-European Journal of Operational Research-Journal of Operational Research Society-Annals of Operations Research-Small Business Economics -International Transactions in Operational Research-Computers and Operations Research-Economic Modeling-European Journal of Health Economics-Operational Research: An international Journal-International Review of Applied Economics-Journal of Sport Economics- Scientometrics- Contemporary Economic Policy-International Journal of Productivity and Performance Management-Central European Journal of Operational Research-The Social Science Journal-International Economics-Environmental Economics and Policy Studies-Journal of Cleaner Production-</p>

	Technological Forecasting and Social Change-Economic Systems-Business Strategy and the Environment.
Language Skills	English (Fluent) Italian (Basic)
Participation in Research Projects	<p>1. "On the dynamics of economic, energy and environmental productive performance of European Industries/Countries. The endogenous role of institutions, competitiveness, R&D (and pollution abatement expenditures (PACE)" K. Karatheodori Research Award: three- year research project financed by the University of Patras (2016-2019). Total budget: 30.000 E.</p> <p>2. Hellenic Academic EBooks – Kallipos, a Project funded by the European Social Fund and the Greek Ministry of Education and Lifelong Learning (2015). EBook Title: "Introduction to Operations Research and Linear Programming; Applications using R" (with Nikos Chatzistamoulou). https://repository.kallipos.gr/handle/11419/5706?locale=en</p> <p>3. Research fellow, University of Patras, Jan 2012 – “Energy Efficiency of Road Networks and Vehicles: Measurement, Pricing, Regional and Environmental Effects”, under the “Thalis” Research Framework. Funding: National and European Union sources</p> <p>4. Research fellow, University of Patras, 2007-2009-"Unified Compilation of Strategic and Business Plan for restructuring Patras Municipality', New Development/Growth Program of local government, 3rd European Framework</p> <p>5. Research fellow, University of Patras, 2008-2009-"Actions for the Promotion of Contemporary Culture & Historical heritage of Argostoli Municipality" Funding: National and European Union sources</p> <p>6. Research fellow, Technological Institute of Patras, 2007-2008-"Graduates absorption study of Patras Technological Institute. Funding: National and European Union sources</p> <p>7. Research fellow, University of Patras, 2005-2006-"Evaluation of small business units (pharmacies) in the wider North Region of Greece. Funding: National and European</p>

	<p>Union sources</p> <p>8. Research fellow, Technological Institute of Patras, 2005-2006-"Development Study for Type Allocation of Resources for the Greek National Health System" Funding: National and European Union sources</p> <p>9. Research fellow, Technological Institute of Patras, 2003-2004-"Implementing Social Franchising Program for Unemployed Youth. Funding: National and European Union sources</p> <p>10. Network for Economics and Management of Knowledge and Innovation. University of Patras, Research Committee. (http://emaki.upatras.gr)</p>
Seminars	<p>Rapporteur at the National Centre for Public administration and local Government (2006)</p> <p>Seminars from the Hellenic Mathematical Society in the following: Windows 95- Word- Excel- Internet -Visual Basic-Matlab-Mathematica.</p>
Research Associations	<p>Member of Environmental Association of Resource Economists (E.A.E.R.E)</p> <p>Member of European Operational Research Society</p> <p>Member of Productivity Analysis Research Network (PARN)</p>
Conferences	<p>Several paper presentations in International and Greek Conferences</p>
Work in Progress	<p>Submitted in refereed Journals</p> <ol style="list-style-type: none"> 1. Stergiou E, Kounetas, K., (2019). "European industries' energy efficiency under different technological regimes. The role of CO2 emissions, climate, path dependence and energy mix". (Under review) 2. Burger, M., Kounetas, K.,Napolitano, O., Stavropoulos, S., (2018). "Champions and laggards of European Regions Productive Performance using a Metafrontier Framework. Do actually patents and human capital narrow the technology gap?" (under review) 3. Bonasia, M and Napolitano, O., Kounetas, K., (2018)"Modelling European Health Regional Systems throught a Directional Distance Function Metafrontier Framework. Are there any differencies?" (under review)

	<p>4. Colesnic, O., Kounetas, K and Polemis, M., (2018). "Estimating risk efficiency in Middle East banks before and after the crisis. A Metafrontier framework." (under review).</p> <p>5. Batsidis, A., Economou, P., Kounetas, K., (2018). "Evaluation of the OECD's prediction algorithm for the annual GPD growth rate". (under review)</p> <p>6. Tsekouras, K., Chatzistamoulou, N., Broadstock, D., and Kounetas, K., (2018) "Energy Efficiency, Productive Performance and the distinguishing role of competitiveness. A global perspective" (under review).</p> <p>In Progress</p> <p>"Greek Observatory of R&D Activities (GORDA)" (with A.Gkypali and K. Tsekouras). "http://rdsurveys.econ.upatras.gr/econsurveys/index.php?sid=32552&lang=el"</p> <p>"Innovation Efficiency and Technology Gaps in European Regions: North vs. South". (with A.Gkypali, A. Kontolaimou and K. Tsekouras).</p> <p>"The input-output dimension of Greek Health sector. A bootstrap approach". (with N. Chatzistamoulou)</p> <p>"Optimal reference point selection for efficiency and productivity analysis". (with N. Chatzistamoulou and K. Tsekouras).</p> <p>"Mapping European Countries' innovative and R&D characteristics. Heterogeneous technologies, Strategic groups and Environmental Efficiency Technology gaps". (with A.Gkypali, K. Tsekouras & N. Chatzistamoulou)</p> <p>"Industries and Learning; An Analysis under a Hierarchical Modelling Approach" (with K. Tsekouras & N. Chatzistamoulou)</p>
<p>Publications in Refereed Journals</p>	<p>Kounetas, K., and Zervopoulos, P., (2019). "A cross-country evaluation of environmental performance: Is there a convergence-divergence pattern in technology gaps? " <i>European Journal of Operational Research</i>, https://www.sciencedirect.com/science/article/pii/S0377221718307501?dgcid=author <i>(Impact factor:3.428 5-Year Impact Factor: 3.960, 4*ABS-ABCD A*)</i></p> <p>-Gkypali, A., Tsekouras, K., and Kounetas, K.,(2018). "European countries? competitiveness and productive performance evolution: unraveling the complexity in a</p>

heterogeneity context". *Journal of Evolutionary Economics*. DOI: [10.1007/s00191-018-0589-x](https://doi.org/10.1007/s00191-018-0589-x). (Impact factor:1.095, 2*ABS-ABCD A)

-**Kounetas, K.**, (2018). "[Energy consumption and CO2 emissions convergence in European Union member countries. A tonneau des Danaïdes?](#)" *Energy Economics*, 69, 111–127. (Impact factor:2.344 5-Year Impact Factor: 2.913, 3*ABS-ABCD A*)

-Alexopoulos, E., Tzelepis, D., and **Kounetas, K.**, (2018). "[Environmental and Financial Performance. Is there a win-win or a win-loss situation? Evidence from the Greek manufacturing](#)". *Journal of Cleaner Production*, 179(1), 1275-1283. (Impact factor:5.561 5-Year Impact Factor: 6.352, 2*ABS)

-Napolitano, O., Pietroluongo, M., **Kounetas, K.**, (2018). "[Stochastic Convergence or Divergence of Total Factor productivity of Italian Regions. Re-examing the Evidence](#)" *Economics Bulletin*, 38(4), 1857-1863 (ABCD C).

-**Kounetas, K.**, and Napolitano, N., (2018). "[Modelling the incidence of International Trade on Italian Regional productive efficiency using a metafrontier DEA approach](#)" *Economic Modelling*, 69, 71-58 (Impact factor:1.463 5-Year Impact Factor: 0.787, 2*ABS-ABCD A)

-Tsekouras, K., Chatzistamoulou, N., and **Kounetas, K.**, (2017). "[Productive Performance, Technology Heterogeneity and Hierarchies: Who to compare with whom](#)". *International Journal of Production Economics* 193, 465-478. (Impact factor:3.493 5-Year Impact Factor: 4.093, 3*ABS-ABCD A*)

-Chatzistamoulou, N., Diagourtas, G., and **Kounetas, K.**, (2017). "[Pollution Abatement and Productivity Growth: The case of Greek Manufacturing Sectors](#)". *Environmental Economics and Policy Studies* 17(1), 15-34. (Indexed by ISI, 1* ABS-ABCD C)

-Mitropoulos, P., **Kounetas, K.**, and Mitropoulos, I., (2016). "[Factors affecting primary health care centers' economic and production efficiency](#)". *Annals of Operational Research* 247 (2), 807-822 (Impact factor:1,217 3* ABS-ABCD A)

-Tsekouras, K., Chatzistamoulou, N., Broadstock, D., and **Kounetas, K.**, (2015). "[Technological Spillovers and Path dependence of European Transportation Productive](#)

[Performance under Technology Heterogeneity](#)". *Technological forecasting and Social Change* 102, 261-274 (Impact factor:2.058 5-Year Impact Factor:2.634, 3* ABS-ABCD A)

-Kounetas, K., (2015), "[Heterogeneous technologies, strategic groups and environmental efficiency technology gaps for European countries](#)" *Energy Policy* 83, 277-287 (Impact factor:2.077-Year Impact Factor: 3.394, 2*ABS-ABCD A)

-Kounetas, K., (2014), "[Did Euro 2004 victory improves Greek football clubs' performance? A bootstrap approach](#)", *Central European Journal of Operational Research* 22 (4), 623–645 (Impact factor:0.484 5-Year Impact Factor:-,1* ABS-ABCD C)

-Kounetas, K., and Papathanassopoulos, F.,(2013) "[How efficient are the Greek Hospitals. A case study using a double bootstrap DEA approach](#)", *European Journal of Health Economics* 14(6) 979-994. (Impact factor:2.095 5-Year Impact Factor:-, 2*ABS-ABCD A)

-Papathanasopoulos, F., Skuras and Kounetas, K., (2013), "[Medical equipment adoption in Greek Hospitals. The case of CT Scanners](#)". *Journal of Management Health* 15(2) 157-167. (Indexed by ISI).

-Kontolaimou, A., Mourtos, I., Kounetas, K., and Tsekouras,K.,(2012), "[Technology Gaps in European Banking. Put the blame on inputs or outputs](#)", *Economic Modelling* 29, 1798-1808 (Impact factor:1.463 5-Year Impact Factor: 0.787, 2*ABS-ABCD A)

-Kounetas, K., I. Mourtos and K.D. Tsekouras. (2012), "[Is Energy Intensity Important for the Productivity Growth of EET adopters?](#)", *Energy Economics* 34, 930-941 (Impact factor:2.344 5-Year Impact Factor: 2.913, 3*ABS-ABCD A*)

-Alexopoulos, I., Kounetas, K., and Tzelepis, D., (2012), "[Environmental Performance and Technical Efficiency, is there a link? The case of Greek ASE firms](#)", *International Journal of Productivity and Performance Management*, 61 (1), 6-23. (Indexed by ISI, 1*ABS-ABCD B)

-Kounetas K., Skuras, D., and Tsekouras K., (2011), "[Promoting energy efficiency policies over the information barrier](#)", *Information Economics and Policy* 23(1), 72-84. (Impact factor:0.947 5-Year Impact Factor: 1.129, 2*ABS-ABCD A)

- Kounetas, K.**, Athanasiou, A., Mitropoulos, P., and Mitropoulos, I., (2011) "[Efficiency Differences of a Typical Greek University: An Application of a DEA and Tobit Analysis](#)", *International Transactions of Operational Research* 18 (5), 545-559. (Impact factor:0.648 5-Year Impact Factor:-, 2*ABS-ABCD B)
- Tsekouras, K., Papathanassopoulos, F., Pappous, G., and **Kounetas, K.**, (2010) "[Does the Adoption of New Medical Technology boost Productive Efficiency? The case of the Greek ICUs system](#)". *International Journal of Production Economics* 128(1), 427-433. (Impact factor:3.493 5-Year Impact Factor: 4.093, 3*ABS-ABCD A*)
- Kounetas K.**, and Tsekouras K., (2009), "[Are Energy Efficient Technologies Efficient?](#)" *Economic Modelling* 27 (1), 274-283. (Impact factor:1.463 5-Year Impact Factor: 0.787, 2*ABS-ABCD A)
- Kounetas, K.**, Mourtos, I., and K.D. Tsekouras. (2009). "[Efficiency decompositions for Heterogeneous Technologies](#)", *European Journal of Operational Research* 99, 209-218. (Impact factor:3.428 5-Year Impact Factor: 3.960, 4*ABS-ABCD A*)
- Kounetas K.**, and Tsekouras K., (2008), "[The Energy Efficiency Paradox Revisited through a Partial Observability Approach](#)", *Energy Economics* 30, 2517-2536. (Impact factor:2.158 5-Year Impact Factor: 2.512, 3*ABS-ABCD A*)
- Kounetas K.**, and Tsekouras, K., (2007), "[Measuring Scale Efficiency Change Using a Translog Distance Function](#)", *Int. Journal of Business and Economics* 6(1),63-69 (Indexed by ISI-ABDC B)
- A., Anastasiou, **K. Kounetas**, P. Mitropoulos, and Y. Mitropoulos., (2007), "[Evaluating Efficiency of University Academic Departments](#)", *Journal of Interdisciplinary Mathematics* 10 (3), 409-431. (Indexed by ISI)

Books	<p>1.Hellenic Academic EBooks – Kallipos, a Project funded by the European Social Fund and the Greek Ministry of Education and Lifelong Learning (2015). EBook Title: "Introduction to Operations Research and Linear Programming; Applications using R" (with Nikos Chatzistamoulou) https://repository.kallipos.gr/handle/11419/5706?locale=en</p> <p>2.Scientific editing of the book “Mathematics for Economics and Business” (8th Edition) by Ian Jacques (http://www.brokenhill.com.cy/product/jacques-mathimatika-ton-epistimon-oikonomias-kai-dioikisis/)</p> <p>3. Scientific editing of the book “Statistics using R” (6th Edition) by Witte and Witte https://kritiki.gr/book_author/kounetas-konstantinos/</p>
Citations	<p><u>Scopus:</u> Number of Papers=24 Number of citations= 204 h-index= 10 g-index=-</p> <p><u>Google Scholar:</u> Number of Papers= 34 Number of citations= 392 h-index= 12 i-index= 14</p>