

NIKOS CHATZISTAMOULOU

GENERAL INFORMATION

Email: chatzist@uoi.gr

Web: Personal website

Research Field: Applied Microeconometrics

Research Interests: Empirical Industrial Organization, Efficiency & Productivity Analysis, Energy & Environmental Economics, Economics of Sustainable Development.

PROFESSIONAL EXPERIENCE

Assistant Professor in Economics *Jul 2021-*
School of Economics & Management Science, Department of Economics, University of Ioannina, Greece

Principal Investigator, Project BEGIN *Jul 2020 - present*
Research orientation: Green Growth & Efficiency through Innovation under Technological Heterogeneity
School of Economics & Business, Department of Economics, University of Patras, Greece

Senior Researcher in Environmental Innovation & Business Economics *Jun 2020 - present*
Research orientation: Efficiency of Business Innovation & Knowledge Spillovers under Heterogeneity
School of Economics & Business, Department of Economics, University of Patras, Greece

Senior Researcher in Applied Economics & Econometrics *Apr 2020 - Dec 2020*
KMOP, Social Action & Innovation Centre, Athens, Greece

Lecturer in Energy Policy *Jan 2020 -*
Post-Graduate Program, School of Economics, Athens University of Economics and Business, Greece

Adjunct Lecturer in Economic Analysis *Oct 2019 - Jun 2021*
School of Economics & Business, Department of Economics, University of Patras, Greece

Post-doc Researcher, Economics of Sustainable Development & Efficiency Analysis *Feb 2019 - Jan 2020*
Research orientation: Environmental Efficiency through Sustainable Development
School of Economics, Department of International & European Economic Studies, Research Laboratory on Socio-Economic and Environmental Sustainability (ReSEES), Athens University of Economics & Business, Greece

Research Fellow, Economics of Industrial Organization *Nov 2015 - Sep 2018*
Research orientation: Competition & Productivity in Primary Healthcare Markets
Faculty of Arts and Social Sciences, School of Economics, University of Surrey, United Kingdom

Junior Researcher in Economics (Ph.D cand.) *Oct 2012 - Nov 2015*
Research orientation: Efficiency & Productivity Analysis
School of Economics & Business, Department of Economics, University of Patras, Greece

TRAINING INSTRUCTOR

Introduction to Econometric Methods. Applications using Stata

Jun 2021 - Jul 2021

Hellenic Competition Authority, Athens, Greece.

Education and Lifelong Learning Center, Athens University of Economics and Business. Athens, Greece.

Circular Economy concept & tools

Oct 2020 - Nov 2020

Training Program: How to make worthwhile Circular Economy approaches a success.

European Institute of Innovation and Technology (EIT) Climate-Knowledge and Innovation Community (C-KIC) Greek Hub, "Athena" Research and Innovation Centre. Athens, Greece.

Systems Innovation

May 2019 - Nov 2019

Training Program: Pioneers into Practice.

European Institute of Innovation and Technology (EIT) Climate-Knowledge and Innovation Community (C-KIC) Greek Hub, "Athena" Research and Innovation Centre. Athens, Greece.

EDUCATION

Doctor of Philosophy (Ph.D.) in Economics, *summa qum laude*

Oct 2012 - Jul 2016

School of Economics & Business, Department of Economics, University of Patras, Greece.

Title: *"Essays in Efficiency and Productivity Analysis under Technology Heterogeneity Regimes"*

Master of Science (MSc.) in Economics

Sep 2010 - Apr 2012

School of Economics, Department of Economics, Athens University of Economics and Business, Greece.

Ptychion in Economics (4-year BSc.)

Sep 2005 - Sep 2009

School of Economics & Business, Department of Economics, University of Patras, Greece.

QUALIFICATIONS

Fellowship with the Higher Education Academy

Jan 2016 - Jul 2017

RESEARCH

PUBLISHED PAPERS

Chatzistamoulou, N., Kounetas, K., & Antonakis, Th. (2021). Salary cap, Organizational gap & catch-up in the performance of the NBA teams. A two-stage DEA model under heterogeneity. *Journal of Sports Economics*, (forthcoming)

Koundouri, Ph., **Chatzistamoulou, N.**, Davila, G., Giannouli A., Kourogenis N., Xepapadeas A. & Xepapadeas A.P. (2021). Open Access in Scientific Information: Sustainability Model and Business Plan for the Infrastructure and Organisation of OpenAIRE. *Journal of Benefit-Cost Analysis*, 12(1), 170-198. DOI:10.1017/bca.2020.26

Chatzistamoulou, N., Kounetas, K., & Tsekouras, K. (2019). Energy Efficiency, Productive Performance and Heterogeneous Competitiveness Regimes. Does the Dichotomy Matter? *Energy Economics*, 81 687-697.

Akinsete, E., Apostolaki, S., **Chatzistamoulou, N.**, Koundouri, Ph. & Tsani S. (2019). The Link between Ecosystem Services and Human Wellbeing in the Implementation of the European Water Framework Directive: Assessing Four River Basins in Europe. *Water*, 11(3), 508. Special Issue Economics of Water Resources Management. DOI: <https://doi.org/10.3390/w11030508>

Tsekouras, K., **Chatzistamoulou, N.** & Kounetas, K. (2017). Productive performance, technology heterogeneity and hierarchies: Who to compare with whom. *International Journal of Production Economics*, 193, 465-478.

Tsekouras, K., **Chatzistamoulou, N.**, Kounetas, K. & Broadstock, D. (2016). Spillovers, Path Dependence and the Productive Performance of European Transportation Sectors in the Presence of Technology Heterogeneity. *Technological Forecasting and Social Change*, 102, 261-274.

Chatzistamoulou, N., Diagourtas, G. & Kounetas, K. (2015). Do pollution abatement expenditures lead to higher productivity growth? Evidence from Greek manufacturing industries. *Environmental Economics and Policy Studies*, 1-20.

CHAPTERS IN PEER REVIEWED COLLECTIVE VOLUMES

Chatzistamoulou, N. & Koundouri Ph. (2021). Sustainability Transition through Awareness to Promote Environmental Efficiency In: Advances in Econometrics, Operational Research, Data Science and Actuarial Studies - Techniques and Theories. Terziolu, M. Kenan (Ed.), Series: Contributions to Economics. ISBN: 978-3-030-85253-5 , E-ISBN: 978-3-030-85254-2. Springer Nature. (forthcoming)

Chatzistamoulou, N. & Koundouri Ph. (2020). SDGs Patterns Across The Globe: From Theory to Practice. In: Leal Filho W., Azul A., Brandli L., Lange Salvia A., Wall T. (eds) Decent Work and Economic Growth. Encyclopedia of the UN Sustainable Development Goals. Springer, Cham.

Chatzistamoulou, N. & Koundouri, Ph. (2020). 1 The Economics for Sustainable Development. In *Designing an Innovative Pedagogy for Sustainable Development in Higher Education* (pp.1-15). CRC Press-Taylor and Francis Group.

BOOKS

Kounetas, Kostas and **Chatzistamoulou, Nikos**. Energy Economics, Climate Change & Sustainable Development. Kallipos+ Hellenic Academic Ebooks. *In progress - Expected in 2022*.

Kounetas, Kostas and **Chatzistamoulou, Nikos**. Applied Operations Research and Linear Programming. Solutions using **R**. Kritiki Publishing, 2020.

Kounetas, Kostas and **Chatzistamoulou, Nikos**. Introduction to Operations Research and Linear Programming; Applications using **R**. Kallipos-Hellenic Academic Ebooks, 2015.

TEACHING EXPERIENCE

INSTRUCTOR

- Postgraduate Level

MSc. in Law and Economics in Energy Markets
School of Economics, Athens University of Economics and Business, Greece.

Spring 2020, 2021: Special Topics in Energy Policy.

- Undergraduate Level & Erasmus

Department of Economics, University of Ioannina, Greece.

Fall 2021: Environmental & Natural Resource Economics (& Erasmus).

Department of Economics, University of Patras, Greece.

Fall 2020: Mathematical Economics, Research Methodology in Economics.

Spring 2020, 2021: Applied Econometrics.

Fall 2019: Mathematical Economics, Economics for Non-Specialists.

TEACHING ASSISTANCE

- Undergraduate Level

School of Economics, University of Surrey, United Kingdom

Fall 2016, Spring 2018: Industrial Organization

Department of Economics, University of Patras, Greece.

Spring 2015: Operations Research (& applications using **R**), Industrial Organization, Data Analysis in **R**

Fall 2014: Introduction to Microeconomics, Applied Statistics with **R**

Spring 2014: Operations Research (& applications using **R**), Industrial Organization

Fall 2013: Introduction to Microeconomics

Spring 2013: Microeconomic Theory II, Industrial Organization

PROFESSIONAL DEVELOPMENT

An Introduction to Stata Programming

12 Jan - 23 Feb 2018

On-line Stata Software Training (NetCourse 151)

StataCorp

Implementing an Estimation Command in Stata/Mata

04 Dec 2017

Stata Software Training (Stata Course)

Speaker: David Drukker, StataCorp

Centre for Microdata Methods and Practice, Institute for Fiscal Studies, London, United Kingdom

Stata Programming and Managing Large Datasets

03 - 06 Oct 2017

Stata Software Training (Stata Course)

Timberlake Consultants / Software, Training, Consultancy

City University London, Cass Business School, London, United Kingdom

Empirical Measurement of Market Power and Competition

10 - 12 May 2017

Intensive Course on Quantitative Methods for Competition Analysis

Barcelona Graduate School of Economics (BGSE 2017)

Pompeu Fabra University, Barcelona, Spain

Endogeneity in Econometric Models and Moment-Based Estimation

26 Jul - 02 Aug 2015

10th Advanced Summer School in Economics and Econometrics (ASSEE 2015)

Department of Economics, School of Social Sciences, University of Crete, Rethymno, Greece

Efficiency and Productivity Analysis

10 - 15 Jun 2013

Advanced Summer School

School of Business, Aalto University, Helsinki, Finland

Team Building Activities

01 - 09 Jun 2012

Training Course

Rock Solid Foundation, Zevenaar, The Netherlands

PROJECTS, SCHOLARSHIPS AND FUNDING

Research Project BEGIN

Jul 2020 - present

"Boosting Efficiency and Green Growth through INduced INnovation under Technological Heterogeneity. An Elusive Goal or a Feasible Reality?", School of Economics & Business, Department of Economics, University of Patras, Greece. / [Grant]

[HELLENIC FOUNDATION FOR RESEARCH & INNOVATION](#)

Research Project: Circular Economy & Recycling

Jun 2020 - Aug 2020

"Nationwide Opinion Poll on Circular Economy, Recycling & Waste Management with focus groups", Department of Sociology, Laboratory of Sociology of Education and Civilization, Panteion University of Political & Social Sciences, Greece. / [Grant]

[MINISTRY OF ENVIRONMENT AND ENERGY](#)

Research Project SPILEF

Jun 2020 - present

"From Whom and to Whom: Knowledge Spillovers related to the Efficiency of Business Innovation and Learning Process within High Growth Firms and Technology Heterogeneity", School of Economics & Business, Department of Economics, University of Patras, Greece. / [Grant]

[HELLENIC FOUNDATION FOR RESEARCH & INNOVATION](#)

Autonomous Academic Experience Acquisition Program

Oct 2019 - Jun 2021

- *"Acquisition of Academic Teaching Experience in Young Scientists Holding a Doctorate 2020-2021 at the University of Patras, Scientific Area: Economic Analysis"*, School of Economics & Business, Department of Economics, University of Patras, Greece. / [Grant]

[CORPORATE PACT FOR THE DEVELOPMENT FRAMEWORK \(ESPA\), HUMAN RESOURCES DEVELOPMENT, EDUCATION AND LIFELONG LEARNING](#)

- *"Acquisition of Academic Teaching Experience in Young Scientists Holding a Doctorate 2019-2020 at the University of Patras, Scientific Area: Economic Analysis"*, School of Economics & Business, Department of Economics, University of Patras, Greece. / [Grant]

[CORPORATE PACT FOR THE DEVELOPMENT FRAMEWORK \(ESPA\), HUMAN RESOURCES DEVELOPMENT, EDUCATION AND LIFELONG LEARNING](#)

Research Project EPSD (Action II)

Feb 2019 - Jan 2020

"Enhancing Environmental Performance through Sustainable Development. The role of Technological Heterogeneity", School of Economics, Department of International & European Economic Studies, Research Laboratory on Socio-Economic and Environmental Sustainability (ReSEES), Athens University of Economics & Business, Greece. / [Grant]

[ATHENS UNIVERSITY OF ECONOMICS & BUSINESS RESEARCH CENTRE](#)

Research Project BfL

Nov 2015 - Sep 2018

"Delivering Better for Less: Improving Productivity in the Public Services", Faculty of Arts and Social Sciences, School of Economics, University of Surrey, United Kingdom. / [Grant]

[LEVERHULME TRUST](#)

Open Courses Initiative

May 2015 - Sep 2015

Course Title: *"Operations Research; Theory and Applications of Linear Programming using R"*, School of Economics & Business, Department of Economics, University of Patras, Greece. / [Grant]

[EUROPEAN SOCIAL FUND AND THE GREEK MINISTRY OF EDUCATION AND LIFELONG LEARNING](#)

Hellenic Academic EBooks-Kallipos & Kallipos+

In progress - Expected in 2022

- **Ebook Title:** *Energy Economics, Climate Change & Sustainable Development.*
School of Economics & Business, Department of Economics, University of Patras, Greece. / [Grant]
[EUROPEAN SOCIAL FUND AND THE GREEK MINISTRY OF EDUCATION AND LIFELONG LEARNING](#)

Dec 2014 - Dec 2015

- **Ebook Title:** *Introduction to Operations Research and Linear Programming; Applications using R.*
School of Economics & Business, Department of Economics, University of Patras, Greece. / [Grant]
[EUROPEAN SOCIAL FUND AND THE GREEK MINISTRY OF EDUCATION AND LIFELONG LEARNING](#)

Research Project EERNV (THALES)

Oct 2012 - Nov 2015

"Energy Efficiency of Road Networks and Vehicles: Measurement, Pricing, Regional and Environmental Effects", School of Economics & Business, Department of Economics, University of Patras, Greece. / [Ph.D. Scholarship]

[EUROPEAN SOCIAL FUND AND THE GREEK MINISTRY OF EDUCATION AND LIFELONG LEARNING](#)

CONFERENCES AND SEMINARS

33rd Annual Conference of the European Association for Evolutionary Political Economy, [*Virtual*] (**EAEPE2021**), University of Naples Parthenope, Naples, Italy, 02-04 September 2021.

31st European Conference on Operational Research, [*Virtual*] (**EURO2021**), University of West Attica, Athens, Greece, 11-14 July 2021

6th International Conference on Economics of Natural Resources & the Environment, [*Virtual*] (**ENVECON2021**), Department of Economics, University of Thessaly, Volos, Greece and Department of Economics and Sustainable Development, Harokopeio University, Greece, 11-12 June 2021.

12th North America Productivity Workshop - Conference of the International Society for Efficiency and Productivity Analysis (ISEAPA), [*Virtual*] (**vNAPW2021**), Miami Herbert Business School, Miami, 7 - 11 June, 2021.

Invited Speaker to present research paper "Blood Brothers or Distant Relatives? Resource Efficiency Measures under Heterogeneous Eco-Innovation Regimes". Department of Economics, University of Ioannina, Greece, March **2020**.

Invited Speaker to present research paper "Exploring Sustainable Development: Patterns & Challenges". Research Laboratory on Sociology of Education and Civilization, Department of Sociology, Panteion University of Social & Political Sciences, Greece, December **2019**.

5th Conference on Economics of Natural Resources & the Environment (**ENVECON 2018**), Department of Economics, University of Thessaly, Volos, Greece, 1-3 November 2018.

12th European Conference on Health Economics (**EuHEA 2018**), "*Shaping the Future; the Role of Health Economics*". European Health Economics Association, Maastricht Exhibition and Conference Center (MECC), Maastricht, The Netherlands, 11-14 July 2018.

Measuring NHS Efficiency and Productivity, Office for National Statistics, **Bank of England Conference Centre**, London, United Kingdom, 29 November **2017**.

8th International Conference on Computational Statistics (**CMStatistics 2015**), Senate House and Birkbeck University of London, London, United Kingdom, 12-14 December 2015.

3rd Hellenic Conference on Environmental and Resource Economics; Climate Change (**ENVECON 2015**), Department of Economics, University of Thessaly, Volos, Greece, 30-31 October 2015.

8th International Conference on Intelligent Transportation Systems and Smart Cities (**ITS 2014**), Department of Civil Engineering, University of Patras and ITS Hellas, Patras, Greece, 19-22 November 2014.

Gkypali, A., N. Chatzistamoulou, K. Kounetas and K. Tsekouras. (2014). European Countries Competitiveness and Productive Performance Evolution: Unraveling the complexity. Research paper presented in **Explaining Change Workshop** (12/11/2014), Rome, Italy.

2nd Hellenic Conference on Environmental and Resource Economics; Climate Change (**ENVECON 2014**), Department of Economics, University of Thessaly, Volos, Greece, 31 October-01 November 2014.

13th European Workshop on Efficiency and Productivity Analysis (**EWEPAN13**), Aalto University School of Business, Helsinki, Finland, 17-20 June 2013.

REFEREE DUTIES

Energy Economics, Technological Forecasting and Social Change, European Journal of Operational Research, Environmental and Resource Economics, Economic Modelling, Health Economics, Journal of Cleaner Production, Economic Modelling, International Journal of Productivity and Performance Management, International Journal of Information and Decision Sciences, Sustainability, Water

MISCELLANEOUS

IT Skills: MS Office, Stata, R, SPSS, EViews, DEAP, Gretl, Matlab, L^AT_EX

Languages: Greek (Mother Tongue), English (fluent), German (B1)

Memberships: European Association of Environmental and Resource Economists (EAERE), Economic Chamber of Greece, Higher Education Academy (United Kingdom)

REFERENCES

Available upon request.

Last updated in 09/2021.