

GEORGE PETRAKOS - EXTENDED CURRICULUM VITAE

1. PERSONAL INFORMATION

Department of Public Administration
136 Syngrou Ave.,
Athens 176 71, Greece
PANTEION UNIVERSITY

Email: petrakos@panteion.gr

Office number: 0030 210 920 1637

LinkedIn: <https://www.linkedin.com/in/george-petrakos-5150714b/?originalSubdomain=gr>

Research Gate: https://www.researchgate.net/profile/George_Petrakos3

Google Scholar: <https://scholar.google.com/citations?user=jD3XC24AAAAJ&hl=en>

2. STUDIES

- Ph.D. in Statistics (Distinction), University of Wyoming, Graduate School, Dept. of Statistics WY, USA. Thesis: " Combining Information: Statistical theory and practices" (1991-1993)
- MSc in Applied Statistics and Information Systems, The George Washington University, Graduate School, Dept. of Statistics and Information Systems, Washington D.C., USA, (1988-1990)
- Diploma (BA) in Mathematics National and Kapodistrian University of Athens (1982-1987)

3. ACADEMIC CAREER

- Professor in Quantitative Methods and IS at the Panteion University, Department of Public Administration(2021 - today)
- Associate Professor in Quantitative Methods and IS at the Panteion University, Department of Public Administration(2017 - 2021)
- Assistant Professor in Quantitative Methods and IS at the Panteion University, Department of Public Administration(2012 - 2017)
- Lecturer in Quantitative Methods and IS at the Panteion University, Department of Public Administration(2008 - 2012)
- Academic Tutor, Hellenic Open University, School of Social Science, International MBA (2013 - today)
- Instructor, MSc Program in Applied Economics and Finance, Direction Applied Accounting and Auditing National and Kapodistrian University of Athens, Dept. of Economics. (2012 - today)
- Visiting ORBICOM, UNESCO Fellow, Orbicom Information and Communication Technologies (ICT), Montreal, Canada (2009)
- Adjunct Lecturer at the Panteion University, Department of Public Administration (1999-2003) & (2005-2007)
- Adjunct Lecturer at the Panteion University, Department of Economic and Regional Analysis Public Administration (2003-2005)
- Lecturer, Dept. of Statistics, University of Wyoming, WY, USA (Summer 1993)
- Teaching Assistant, Dept. of Statistics, University of Wyoming (1991-93)
- Teaching Assistant, Dept. of Statistics and Information Systems, The George Washington University, Washington, D.C. (1989-90)

4. RESEARCH INTERESTS

- Survey Methodology

- Survey Quality and Auditing
- Official Statistics
- Audit Sampling
- Biostatistics
- Quantitative Methods /Applied Statistics
- Quantitative Tourism
- Computational Statistics with R

5. PUBLICATIONS

- BOOKS/MONOGRAPHS
 - Petrakos G., Rontos K, Vavoura C, Vavouras I., "Can European Mechanisms Contribute to the Effective Control of the Phenomenon of Political Budget Cycles? The Case of Greece" in "Local districts and the crisis", Clemente M., Chelli F. and Comino J-R. (Ed.)", CRC, Routledge. (to appear), 2022
 - Applications of Probability Theory Using R. 2nd ed. Tsotras Publ. Co, Athens, 2021
 - Survey Methods and Practices, Characteristic Cases (with Statistics Canada), Sophia Publ. Thessaloniki, 2020
 - The Greek Hotel Sector during the Financial Crisis Period, 2008-2018 (with Ch. Beneki and S. Panousi), Research Institute for Tourism Application, Athens, 2020
 - Applications of Probability Theory Using R. Tsotras Publ. Co, Athens, 2017
 - Introduction to Everyday Life Statistics. Stamoulis Publ. Co, Athens, 2011
 - Expenditures on Employment and Unemployment treatment, 1995-97" (in Greek). National Labor Institute, 1997, ISBN 960-7517-12-1
 - Statistical Metadata, Educational and Scientific CD-ROM, EUROSTAT 2000
 - Combining Information: Statistical Theory and Applications. Ph.D. Thesis, Publication (Order #: 9418684): University Microfilms International (UMI) - Dissertation Information Service, Ann Arbor, Michigan, USA.(1993)
- SCIENTIFIC ARTICLES / STUDIES
 - Theodoropoulos G., Koutsotolis K., Nikolaou E., Kalogiannis D., Petrakos G. (1998). Seasonal variation of gastrointestinal nematodes of sheep in the region of Joannina, Greece. International Journal of Parasitology, 28: 1287-1292.
 - Theodoropoulos G., Zervas G., Koutsotolis K., Nikolaou E., Kalogiannis D., Petrakos G. (1998). The effect of dietary protein on the pathogenesis of gastrointestinal nematodes of naturally infected sheep in the region of Joannina, Greece. Research in Veterinary Science, 65: 269-271.
 - Theodoropoulos G., Koutsotolis K., Kalogiannis D., Petrakos G. (1998). Seasonal variation of pepsinogen of sheep in the region Trikala. Bulletin of the Hellenic Veterinary Medical Society, 49(1): 54-58
 - Theodoropoulos G., Georgousi, K., Kapel, C.M.O., Petrakos G., Anagnostopoulos, C. (1999). Establishment and growth of Trichinella spiralis muscle larvae in iron supplemented mice. Acta Vet. Scand., 40(2): 181-183.
 - Theodoropoulos G., Zervas G., Kouneli, L., Martinez-Gonzales, B., Petrakos G., and Kostopoulos, J. (2000). Seasonal patterns of strongyle infections in grazing sheep under the traditional production system in the region of Trikala, Greece. Veterinary Parasitology, 89: 327-335.
 - Petrakos G. (2000). The Topological Foundation and Some Properties of the Mixed Estimator. Computational Statistics, 15:109-114. Springer-Verlag

- Petrakos G., Farmakis G. (2000). A Declarative Approach to Data Validation of Statistical Data Sets, based on Metadata. *Statistica Applicata*, 12(3): 395-405.
- Apostolopoulos K.D., Theodoropoulou E., Petrakos G., Theodoropoulos G. (2001) Factors affecting the regional pig meat productivity of the livestock capital of the industrialised pig production in Greece. *Agricultural Economics Review*, 2(1): 39-46.
- Theodoropoulou E, Theodoropoulos G, Petrakos G. (2001). Factors affecting the efficiency of pig enterprises in Greece. *Agricoltura Mediterranea*, 131: 18-25.
- G. Theodoropoulos, E. Theodoropoulou, G. Petrakos, V. Kantzoura, J. Kostopoulos (2002). Abattoir condemnation due to parasitic infections and its economic implications in the region of Trikala, Greece. *Journal of Veterinary Medicine B*, 49: 281-284.
- Petrakos G., Conversano C., Farmakis G., Mola F., Siciliano R., Stavropoulos P. (2004) New ways of specifying data edits. *Journal of the Royal Statistical Society, Series A*, 167(2): 249-274.
- G. Theodoropoulos, S.J. Hicks, A.P. Corfield, B.G. Miller, C.M.O. Kapel, M. Trivizaki, C. Balaskas, G. Petrakos and S.D. Carrington (2005). Enteric mucin-related response-times of conventional and SPF pigs to infection with *Trichinella spiralis*. *Experimental Parasitology*, 109(2): 63-71.
- G. Christodoulouopoulos, G. Theodoropoulos, G. Petrakos (2008). Epidemiological survey of cestode-larva disease in Greek sheep flocks. *Veterinary Parasitology* 153: 368–373.
- Petrakos G. (2010). Some Notes on the Probability Space of Statistical Surveys. *Metodoloski Zvezki (Advances in Methodology and Statistics)* 7(1): 20-23.
- G. Theodoropoulos, E., G. Petrakos (2010). *Trichinella spiralis*: Differential effect of host bile on the in vitro invasion of infective larvae into epithelial cells. *Experimental Parasitology*, 126: 441- 444.
- Petrakos, G. (2012). Geometrical Probability Applications. *Eucleid B*, 83:73-75
- Petrakos G. (2013) Quality Concepts and Definitions in Questionnaire Design. *Statistical Review*, 9(1-2): 29-38
- Petrakos G. and Kordas, G.(2014) The Birthday Problem and its Poisson Approximation. *Statistical Review*, 10: 35-42.
- Petrakos, G. (2014) Teaching Randomness Using Coins and Dice (2014). *Journal of Studies in Education*, 4(3): 45-48
- Dritsas, S., Petrakos, G. (2014). Historical Financial Information: An Empirical Study on the First Time Adoption of IFRS in Greece. *International Business Research*, 7(8): 47-58
- Fouskakis, D., Petrakos, G., Vavouras, I. (2016) A Bayesian Hierarchical Model for Comparative Evaluation of Teaching Quality Indicators in Higher Education. *Journal of Applied Statistics*, 43(1): 195–211
- Strakoshia, E. and Petrakos, G. (2016) Bilateral Trade between the Eurozone and China: A Zero-Sum Game Theory Approach. *International Business Research*, 9(1): 35-42
- Bakos, G. and Petrakos, G. (2017) Overreaction Analysis in State-owned Equities. *Asian Economic and Financial Review*. 7(3): 267-278
- Kordas, G., Petrakos, G. (2017). The Distribution of the ratio of two normal random variables and the ellipticity of the Earth. *Metodoloski Zvezki (Advances in Methodology and Statistics)*, 14(1):19-35.
- Petrakos, G and Papaioannou, V. (2018) The Impact of Economic Crisis in Academic Life: A case study at Panteion University in Greece. *Statistical Review*, 11-12: 79-91
- Petrakos, G. and Dritsas, S. (2018) Probabilistic Audit Risk Models. *Statistical Review*, 11-12: 116-129

- Dritsas, S. and Petrakos, G. (2018) Risk of Material Misstatement in fluctuated economic environments: The case of Greece. *International Business Research*, 11(6): 243-248.
- Kalogeropoulou, Ch., Petrakos, G. (2018) Comparative analysis of contemporary quality determinants in Public Sector correlated to the satisfaction level of Greek judicial Officials and of citizens in civil, criminal and administrative courts. *Int. J. of Decision Sciences, Risk and Management, Interscience*, 8(1-2): 106-118
- Dritsas, S. and Petrakos, G. (2019) Financial statement audits: the effect of the 2008 financial crisis on risk assessment and auditors' responses to audits of financial statements in Greece. *Int. J. Auditing Technology, Interscience*, 4(2): 148-164.
- Vavoura, Ch., Vavouras, I., Rontos, K. and Petrakos, G. (2019). The Phenomenon of Political Budget Cycles and the Effects of the Excessive Deficit Procedure: The Case of Greece *Statistical Review*, 13 (to appear)
- Fouskakis, D., Petrakos, G. & Rotous, I. (2020). A Bayesian longitudinal model for quantifying students' preferences regarding teaching quality indicators. *METRON, Springer* 78, 255–270
- Ntovas P, Diamantopoulou S, Gogolas N, Sarri V, Papandreou A, Sakellaridi E, Petrakos G., Papazoglou E. (2020) Influence of lightness difference of single anterior tooth to smile attractiveness. *Journal of Esthetic and Restorative Dentistry*, Wiley
- Petrakos, G., Salvati, L., Rontos, K., Salvati, L., Vavoura, C., and Vavouras, I. (2021) Political Budget Cycles and the Effects of the Excessive Deficit Procedure: The Case of Greece. *Regional Statistics* 11(2): 32–51; DOI: 10.15196/RS110202
- Petrakos, G., Rontos, K., Salvati, L. Vavoura, C., & Vavouras, I. (2021). Toward a political budget cycle? Unveiling long-term latent paths in Greece. *Quality and Quantity* 56, 3379–3394; <https://doi.org/10.1007/s11135-021-01260-1>
- Petrakos, G., Rontos, K., Salvati, L. Vavoura, C., & Vavouras, I. (2022). Political Process and the Economy: Insights from Greece. *Economies*. (forthcoming)

- PAPERS IN INTERNATIONAL CONFERENCE PROCEEDINGS

- Petrakos G., Farmakis G., Stavropoulos, P. (2001). Automatic Identification of Data Validation Rules based on Conditional Distributions of Logically Related Groups of Variables. SCB Q2001 International conference in Statistical Data Quality, Session 31, Statistical Analysis, Stockholm, Sweden
- Farmakis G., Kapetanakis Y., Petrakos G., Petrakos M. (2001). Architecture and Design of a flexible Integrated Information System for Official Statistics Surveys, based on Structural Survey Metadata. NTTS 2001 International Conference in Official Statistics, proc. p.219-229
- Petrakos G., Kalogeropoulos K., Farmakis G., Stavropoulos P. (2001). A Classification Scheme of Validation Rules Applied to Statistical Data Bases. NTTS 2001 International Conference in Official Statistics, proc. p.685-693
- Petrakos M., Farmakis G., Petrakos G., Koumanakos G., Bisiela P. (2001). A structured approach to a statistical metadata base. NTTS 2001 International Conference in Official Statistics, e-proc. <http://webfarm.jrc.cec.eu.int/etk-ntts/Papers/finalpapers/en035.pdf>
- Petrakos G., Farmakis G., Stavropoulos, P. (2003). Data Validation through Measurements on Conditional Distributions of a Logically Related Group of Variables. Supporting paper, United Nations /ECE, Work session on Statistical Data Editing, Madrid, Spain.

- Gregory Farmakis, José Figueiredo, Daniel Mota, George Petrakos, Daniel Santos, Photis Stavropoulos (2004). An alternative approach for the implementation of data editing: the INSPECTOR project. Q2004: European Conference on Quality and Methodology in Official Statistics, e-proc.
- Petrakos M., Linden H., Stavropoulos P. Petrakos G. (2004). Use of Proximity Data for the Assessment of Geographical Comparability. Q2004: European Conference on Quality and Methodology in Official Statistics, e-proc.
- Petrakos G. (2009). Quality Concepts and Metadata for Statistical Frames. NTTS 2009 International Conference in Official Statistics, proc. p.180-185
- Photis Stavropoulos, Georges Pongas, Spyros Liapis, George Petrakos, Tonia Ieromnimon (2009). Standardized description of index numbers for application in generic index computation software modules. NTTS 2009 International Conference in Official Statistics, proc. p.134-143
- Spyros Liapis, Michael Ashbrook, Markos Fragkakis, George Petrakos (2009). Mirror Outlier Detection in Foreign Trade data. NTTS 2009 International Conference in Official Statistics, e-proc. [http://epp.eurostat.ec.europa.eu/portal/page/portal/research methodology/NTTS_2009](http://epp.eurostat.ec.europa.eu/portal/page/portal/research%20methodology/NTTS_2009)
- Vavouras, I., Petrakos, G. (2010). A proposed, hierarchical-linear model for the self-assessment of academic foundations. National Conference on Coexistence for Sustainable Development between local communities and Universities. Rhodes, GR, e-proc.
- Petrakos, G. (2014) Conjoint Analysis: From product to service quality. HOBA 2014 International Conference, Hellenic Open University.
- Albercht Wirthmann, Photis Stavropoulos, Michael Petrakos, George Petrakos (2015). Proposal for an accreditation procedure for big data source. NTTS 2015 International Conference in Official Statistics, session 17A: Assessment of Big Data, proc, pp 474-8, Brussels, 12/03/2015. [http://epp.eurostat.ec.europa.eu/portal/page/portal/research methodology/NTTS_2009](http://epp.eurostat.ec.europa.eu/portal/page/portal/research%20methodology/NTTS_2009)
- Stamatios Dritsas and George Petrakos (2015) Factors affecting the Risk of Material Misstatement. HFAA Conference, Athens, GR
- Vavoura, Ch., Vavouras, I., Rontos, K. and Petrakos, G. (2019). Electoral cycles and public deficits in Greece. Social Sciences Today: Dilemmas and Perspectives beyond the Crisis, Mytilene, GR, June 2019
- Vavouras, I. Petrakos, G., Rontos, K., and Vavoura, C. (2020). The Mechanism of Political Budget Cycles in Greece. Advances in Longitudinal Data Methods in Applied Economic Research, International Conference on Applied Economics (ICOAE2020), Springer Series in Business and Economics.
- Panousi, S., and Petrakos, G. (2020) Carrying Capacity of Tourism in Greece. Culture and Tourism in a Smart, Globalized, and Sustainable World (7th IACuDiT), Springer Series in Business and Economics.

6. RESEARCH PROJECTS

- NAUTILUS: Recording and Analysis of Greek and European Maritime Data as part of the feasibility study for the upgrade of the Information Systems of the Shipping Companies. (EC, ESPRIT program, 1996)
- PENED: Seasonal variation of gastrointestinal nematodes of sheep in Greece. Statistical Analysis and Inference. (General Secretariat for Research and

Technology, Agricultural University of Athens, Laboratory of Anatomy & Physiology of Farm Animals, 1996)

- EDI: Electronic Data Interchange between Organizations. (Eurostat, EC, IDA program, DSIS: Lot 6, 1997)
- RESTART: Recording and Analysis of data regarding Education and Specialization of the Labour Force in the shipyard companies in Piraeus. (EC – National Labour Institute, ADAPT, 1996-97)
- Unemployment Database Design and Development (EC - National Labour Institute, ADAPT, 1998)
- Training-Employment: Recording and Analysis of data regarding the available resources for the job training and the reaction to the unemployment (National Labour Institute, 1998-99)
- MOBICAST: Business plan for the introduction of the MOBICAST ICT platform to the European Automobile industry. (TEI Athens, Dept. of Electronics, EC, DG Research, program TEN TELECOM, 1999-2000)
- Survey of School leavers in the West Suburbs of Athens (National Labour Institute, 2000)
- Survey on the resources and personnel allocated to R&D from Higher Technological Education Institutes in Greece. (General Secretariat for Research and Technology, EPET II 1998-9)
- Survey on the resources and personnel allocated to R&D from Public and Non-Profit Organizations in Greece. (General Secretariat for Research and Technology, EPET II 1998-9)
- EMOS: Survey of Medium-sized Enterprises for the European Small and Medium Size Enterprises Observatory (ADAPT program, University of Strasbourg, EC, DG Research, 2000)
- Automatic data collection for statistics of Flight Delays, Feasibility study. (Eurostat, EuroControl, IATA 1999)
- Data Quality: Research on the usage of new technology for the control of data quality in the transmission system.. (Eurostat, SupCom Program, 1999-2000)
- Meta Analysis. Feasibility study on the use of Meta Analysis methods in Official Statistics, subjecting hierarchical models for borrowing strength, record linkage, merging of micro data files and small area statistics. (Eurostat, SupCom Program, 1999)
- E-Commerce Statistics: Sampling and Data Collection of e-commerce processes and measures in Europe. Development of a system for measuring the penetration and impact of the e-commerce among European SMEs. (Eurostat, SupCom Program, 1999-2000)
- ISMIS - Statistical Metadata: Design and Development of the of an integrated metadata system for the European Statistical Offices using thin client architecture. (Eurostat, SupCom Program, 1999-2000)
- Integrated Information System of the Hellenic Statistical Authority. Design and Development of methodology and tools for the whole life cycle of the statistical information (Hellenic Statistical Authority, 2000-2005)
- INSPECTOR IST-EPROS - Quality in the Statistical Information Life-cycle: the design and Development of an Integrated Distributed System for Data Validation for the European Statistical System. (Eurostat, 5th Framework Program for Research, 2001-2003)
- IST/STATLAS - Statistical Atlas of the European Union: Design and Development of a Statistics/GIS integrated dissemination system (Eurostat, 5th Framework Program for Research, 2001-2004)

- IST/ESIS e-Survey Tools: Design and Development of a European Satisfaction Index System (ESIS) for the new economy (Eurostat, 5th Framework Program for Research, 2001-2003)
- IST/ERMIS - Electronic commerce Measurement through Intelligent agents: (DG Information Society, 5th Framework Program for R&TD, 2000-2003).
- QUALITY: Development and implementation of methods and tools for the Data Quality assessment. (Eurostat, 2001-2005)
- Quality in Foreign Trade Statistics: Data collection and methodological assessment of external trade data in European Union. Maintenance and update of the QUIET database and productions of the annual Eurostat Quality Report of the external trade statistics (Eurostat, 2004-2006)
- Mirror Outliers Detection Software: Methodology upgrade for the restraint of the asymmetries in the external trade data between the member states. (Eurostat, 2005-2006)
- XML for Foreign Trade Statistics: Design and standardization of XML formats (SDMX-ML, INSTAT/XML) for the collection and interchange of external data statistics within Inostrat (Eurostat, 2003-2008)
- Harmonisation of validation for Foreign Trade statistics: A harmonized, integrated system of validation rules applied in all phases of the external trade statistics production. (Eurostat, 2006-2007).
- Methodological Assessment of Community ICT Surveys: ICT methodological metadata collection from all member states of the European Union (Eurostat, 2003-2004)
- GESMES Support: Analysis, Design, Development and maintenance of the GESMES Generic Statistical Message, EDIFACT standard used for the interchange of complex statistical data. (Eurostat, 2006)
- Community Innovation Survey (CIS): Development of new indicators for improving the quality of the 4th Innovation Survey in the European Union. (Eurostat, 2007-2008)
- Quality of R&D Statistics: Design of the Quality Reports for the R&D and GBAORD expenditures. (Eurostat, 2006-2009)
- Data editing, imputation and statistical analysis of a dataset from financial accounts: validation techniques, outlier detection, imputation methods. (DG - TAXUD, 2007-2008)
- E-lottery system in Piraeus Bank. Design and development of a completely safe and randomized procedure for applying probability proportional sampling to Banks customers' accounts. (Piraeus Bank, 2009)
- Statistical Measures on ICT: A globally comparative analysis of the basic ICT indicators in various social and economic sectors (Orbicom, UNESCO, 2009)
- Monitoring and Quality Control of the survey measurement of radio ratings in Attica. Design of the new complex rating telephone survey (AEMAR, 2017-2018)
- Management and Supervision of the research procedures of the Research Institute for Tourism (RIT, 2019 -)
- Monitoring and Quality Control of the new dual frame telephone survey on the measurement of radio ratings in Attica. Design of the new complex rating telephone survey (AEMAR, 2019-)
- Internal Audit Certification Program – Audit Sampling, (EIAS, 2015).
- Assessment of the impact of the effect of the Cultural Capital of Europe Elefsina 2021. Design and development of a telephone survey in the general area population (Elefsina 2021)

STATISTICAL SURVEYS AND STUDIES IN TOURISM

- SURVEYS

- Conjecture Survey on the principle figures and measures of the Greek Hotel Sector, May 2019
- Survey on the relationship between Hoteliers and Banks. Financial data, satisfaction and assessment, July 2019
- Effects of the Thomas Cook bankruptcy in the Greek Hotel Sector Ξενοδοχία, September, 2019
- The 2019 Annual Review Survey on the performance of the Greek Hotel Sector, January 2020
- A four phases survey on the effects of CoVid-19 pandemia in the Greek Hotel Sector (February, March, May and June, 2020)
- Longitudinal Panel Survey for weekly estimates of the basic figures of the Greek Hotel Sector, July-October 2020
- Express Survey on the mapping of the hotel operation after the 1st lockdown of the CoVid-19 pandemia in Greece, October 2020
- Survey on Sustainability in the Greek Hotel Sector. Monitoring of Energy and Water consumption, Waste treatment, recycling data and relative investment needs and planning. September 2020
- The 2020 Annual Review Survey on the performance of the Greek Hotel Sector, January 2021
- Quality Survey (focus group, in depth Interviews) on labor force and educational issues in the hotel sector before, during and after the CoViD era. January 2021
- Survey on the ICT penetration and corresponding investment needs and planning in the Greek Hotel Sector, January 2021
- Survey on the monitoring of accessibility and the corresponding investment needs and planning in the Greek Hotels January 2021

- STUDIES

- The Greek Hotel Sector during the Financial Crisis Period, RIT 2020
- Regional quantitative analysis of the performance of the Hotel/Tourism sector in the Southern Aegean, RIT 2020

7. TEACHING

- UNDERGRADUATE

- *Panteion University*: Statistics I & II, Informatics and Data Analysis (using R), Survey Methods and Practices, Economics and Law, Mathematics for Economics I & II, Operational Research, Econometrics, MIS, GIS
- *University of Wyoming*: Introduction to Statistics, Business Statistics I & II, Biostatistics I & II (using Minitab), Social Statistics (using SPSS)
- *The George Washington University*: Probability, Introduction to Statistics

- POTGRADUATE

- *Panteion University*: Quantitative Methods, Applied Econometrics/Time Series, Quantitative and Qualitative research, Audit Sampling
- *University of Athens*: ISA/Audit Sampling
- *Hellenic Open University*: Advanced Quantitative Methods for Managers (International MBA)

- *The George Washington University: Mathematical Statistics I & II*

8. RESEARCH / SUPERVISION

- POSTGRADUATE THESIS
 - Supervised more than 30 MSc dissertations in Applied Quantitative Methods/Audit Sampling
- DOCTORAL
 - Supervised 5 Ph.D Theses in Applied Quantitative Methods/Survey Methodology
- POST-DOCTORAL
 - Supervised 2 post-doctoral researches subjecting MIS/ Business Analytics and Audit Risk Model
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9. ADMINISTRATIVE WORK (selected)

- Director General of the Research Institute for Tourism (RIT, 2019-)
- Member of the Greek Observatory for Tourism representing the Hellenic Chamber of Hotels (HCH, 2019 -)
- Technical and Scientific advisor for AEMAR, the Society for monitoring and measure of the radio ratings (AEMAR, 2017-)
- Scientific Coordinator for Job Training of the students of the Dept. of Public Administration (Research Council of Panteion Univ., 2016 -)
- Member of the management Committee for the Departmental Graduate Program/Direction of Economics (2008 - 2017)
- Head of the management Committee for the Departmental Graduate Program/Direction of Economics (2017 - 2019)
- Member of the Committee for the monitoring and auditing of the university restaurant (2017-18)
- Head of the Receipt Committee for university buildings, construction projects and maintenance (2008 - 2010)

10. CONFERENCES

- INTERNATIONAL CONFERENCES
 - Petrakos G., Bonett D. (1993). On the use of linear stochastic constraints in Econometrics. International Biometric Society, WNAR conference, Laramie, WY, USA.
 - Petrakos G. (1998). The topological foundation and some properties of the mixed estimator. International conference in New Technologies in Official Statistics. NTTS 98. Sorrento, IT.
 - Theodoropoulos G, Georgousi K, Kapel CMO, Petrakos G., Anagnostopoulos C. (1999). The effect of iron supplement on the parasitic burden and growth of muscle larvae in mice infected with *Trichinella spiralis*. 17th International Conference of the World Association for the Advancement of Veterinary Parasitology, Copenhagen, Denmark, Abstract No. c.7.63.
 - Theodoropoulos, G., Koutsotolis, K., Nikolaou, E., Kalogiannis, D., and Petrakos, G. (1999). Seasonal variation of gastrointestinal nematodes of

sheep in the region of Joannina, Greece. 17th International Conference of the World Association for the Advancement of Veterinary Parasitology, Copenhagen, Denmark, Abstract No. g.6.21.

- Theodoropoulos, G., Zervas, G., Koutsotolis, K., Nikolaou, E., Kalogiannis, D., and Petrakos, G. (1999). The effect of dietary protein levels before turnout on subsequent faecal nematode egg output of grazing sheep in the Joannina region of Greece. 17th International Conference of the World Association for the Advancement of Veterinary Parasitology, Copenhagen, Denmark, Abstract No. g.6.94.
- Petrakos G., (2000). Classical and Bayesian methods in Meta Analysis. 6th World Meeting of the International Society for Bayesian Analysis, ISBA 2000 Crete, GR.
- Photis Stavropoulos, George Petrakos, Gregory Farmakis (2003). Domain based data editing: the INSPECTOR project" International conference in Psychometrics, IMPS 03, Data validation session, Sardinia, IT., Abs. No. 3.
- Petrakos G. (2005). The Probability Space of Statistical Surveys. 1st European Conference in Survey Research. EASR, Barcelona, Spain.
- Petrakos, G., Chrysanthopoulou, S. (2007). The Metadata of Frames, Populations and Coverage as a quality assessment tool in statistical surveys. 2nd EASR International Conference on Survey Methodology, Prague, CH.
- Petrakos, G., Ieromnimon, T. (2007). Quality Issues in Questionnaire Design. International Conference in Applied Statistics, Ribno (Bled), Slovenia.
- Petrakos, G., Liapis, S. (2009). Using SDMX standard for accessing Quality in Statistical Frames. 3rd EASR International Conference on Survey Methodology, Warsaw, PO.
- Βαβούρας, Ι., Πετράκος, Γ. (2010). Ένα προτεινόμενο ιεραρχικό γραμμικό υπόδειγμα για την αυτοαξιολόγηση των ακαδημαϊκών μονάδων. Πανελλήνιο Συνέδριο - Τοπικές Κοινωνίες και Τριτοβάθμια Εκπαιδευτικά Ιδρύματα: Συνύπαρξη για Αειφορική Ανάπτυξη. Ρόδος
- Petrakos, M. Ieromnimon, T. Stavropoulos, P., Petrakos G. (2011). Harmonising Standards for Quality Assessment in Cross National Surveys. 4th EASR International Conference on Survey Methodology, Lausanne, SW.
- Albercht Wirthmann, Photis Stavropoulos, Michael Petrakos, George Petrakos (2015). Proposal for an accreditation procedure for big data source. NTTS 2015 International Conference in Official Statistics, session 17A: Assessment of Big Data, Brussels, 12/03/2015.
- Vavoura, Ch., Vavouras, I., Rontos, K. and Petrakos, G. (2019). Electoral cycles and public deficits in Greece. Social Sciences Today: Dilemmas and Perspectives beyond the Crisis, Mytilene, GR, June 2019
- Vavouras, I. Petrakos, G., Rontos, K., and Vavoura, C. (2020). The Mechanism of Political Budget Cycles in Greece. Advances in Longitudinal Data Methods in Applied Economic Research, International Conference on Applied Economics (ICOAE2020), e-conference, July 2020
- Panousi, S., and Petrakos, G. (2020) Carrying Capacity of Tourism in Greece. Culture and Tourism in a Smart, Globalized, and Sustainable World (7th IACuDiT), Hydra, GR, 09/2020
- Petrakos, G. Summer and Fog; The Adventures of the Greek Hotel Sector in Summer 2020 (Keynote Speech), 7th International Conference, Culture and Tourism in a Smart, Globalized and Sustainable World, Hydra, GR.
- Petrakos G., Rontos K., Vavoura C., Vavouras I. (2021). The Destabilising Effects of Political Budget Cycles: The Case of Greece. In: Tsounis N.,

Vlachvei A. (eds). International Conference on Applied Economics (ICOAE-2021).

- Petrakos G., Rontos K., Vavoura C., Vavouras I. (2022). Quantifying the effects of recent economic and fiscal crises on income inequality in Greece. In: Tsounis N., Vlachvei A. (eds). International Conference on Applied Economics (ICOAE 2022).

- NATIONAL CONFERENCES

- Petrakos G. "Log-linear models in Capture Recapture." 4th Hellenic Statistical Conference, Patra 1991
- Petrakos G. The Geometry of the Mixed Estimator. 7th Hellenic Statistical Conference, Delfi 1995
- Theodoropoulos G, Zervas G., Koutsotolis K., Nikolaou E., Kalogiannis D., Petrakos G. The effect of dietary protein on the pathogenesis of gastrointestinal nematodes of sheep in the region of Ioannina, Greece. 7th Hellenic Veterinary Congress, Abs. p. 145 Thessaloniki, Greece, 1996,
- Petrakos G. "Statistical Modeling in the Population Ecology" 10th Hellenic Statistical Conference, Pireas 1997
- Theodoropoulos G, Koutsotolis K., Nikolaou E., Kalogiannis D., Petrakos G. Seasonal variation of gastrointestinal parasites of sheep in the region of Ioannina, Greece. 7th Hellenic Veterinary Congress, Thessaloniki, Greece, Nov. 28 - Dec. 1, 1996, p. 146
- Theodoropoulos G., Kostopoulos I., Kalogiannis D., Petrakos G. "Seasonal variation of plasma pepsinogen of sheep in the region of Trikala, Greece" 7th Hellenic Veterinary Congress, Thessaloniki, Greece 1996
- Theodoropoulos G., Georgousi, K., Kapel, C.M.O., Petrakos G., Anagnostopoulos, C. "Establishment and growth of *Trichinella spiralis* muscle larvae in iron supplemented mice" 7th Hellenic Veterinary Congress, Athens, Greece 1999
- Petrakos G. Stavropoulos P, Farmakis G.. "Statistical Data Validation: A new approach". Hellenic Statistical Conference, Lefkada, GR, 2004
- Petrakos G., Chrysanthakopoulou St. (2006). Survey Populations and Registers. 190 Hellenic Statistical Conference, Kastoria, GR.
- Petrakos G. (2007). CIS, Community Innovation Survey, Process and Method), ΕΕΔΕ- Innovation, Athens, GR
- Vavouras, I., Petrakos, G. and Syrmali, M. (2016) Governance and Growth. In workshop subjecting Corruption and Auditing. Panteion University

- INVITED/KEYNOTE SPEAKER

- Joint Research Center JRC, Ispra, IT (1996) "Combining Information in the Estimation Process"
- Eurostat, Directorate A, Luxembourg (1997) "Combining Information in the Estimation Process"
- Hellenic Statistical Authority, DATAMED Workshop, Crete, GR (2000). "Analysis, Classification and Design of an integrated system for Statistical Data Validation"
- Hellenic Statistical Conference, Lefkada, GR, 2004: "Vocational Guidance for Statisticians"

- IACuDiT, 7th International Conference, Culture and Tourism in a Smart, Globalized and Sustainable World Hydra, GR (June 17-19, 2020). "Summer and Smoke: The Adventures of the Greek Hotel Sector in the Summer 2020"

11. MEMBER OF SCIENTIFIC ASSOCIATIONS

- Fellow of the Royal Statistical Society
- Member of Orbicom, UNESCO chairs in Communication
- Greek Mathematical Society
- European Association for Survey Research
- Reviewer of the scientific Journals:
 - Journal of the Royal Statistical Society, Series A (Referee)
 - Survey Research Methods της EASR (Associate Editor)
 - Journal of Artificial Intelligence (Referee)
 - Statistical Review (Associate Editor)
 - Journal of Applied Statistics (Referee)