

Katerina Melfou - CV

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2003- Associate Professor in Agricultural Economics, Department of Agricultural Technology, Technological Education Institute of Western Macedonia

Research interests:

Efficiency and productivity analysis, Agricultural production economics, Farm management, Natural resources economics and Sustainable agricultural development

Education

- PhD in Agricultural Economics (2000), Department of Agricultural Economics, School of Agriculture, **Aristotle University of Thessaloniki**.
- Master of Science (1987) in Agricultural Economics, **University of Wales, UK**.
- Postgraduate Diploma in Agricultural Economics (1985), **University of Reading, UK**.
- BSc in Biology (1984), **Aristotle University of Thessaloniki**.

ADDITIONAL TRAINING

- Econometric course on "Discrete Choice Modelling". Prof. W. Greene (summer of 2008) at the Department of Economics, **University of Crete**.
- Econometric courses in the **London School of Economics** (summer of 2003): 'Introduction to Econometrics' Dr C. Dougherty and 'Advanced Econometrics', Dr M. Schafgans.

FOREIGN LANGUAGES

- - English (Postgraduate degrees from UK)
- - French (Certificat and Diplome)

Professional Experience

- Full time Research Assistant in an international research program at the Technological Education Institute of Thessaloniki, 1/1/1989 - 30/12/1991.
- Taught various courses at the Technological Education Institute of Thessaloniki (1990-1991), (1993-1994) and (1995-1996).
- Research Assistant, Department of Agricultural Economics, School of Agriculture, Aristotle University of Thessaloniki 1/7/1996 - 31/12/2000 in a number of research programmes.
- Taught various courses at the Technological Educational Institute of Western Macedonia (2000-2003).
- Associate Professor in Agricultural Economics, Department of Agricultural Products Marketing and Quality Control, Technological Education Institute of Western Macedonia from 27/6/2003 until today.

RESEARCH PROGRAMMES

- In the main research team of a program in the area of agricultural economics, coordinated by the University of Giessen, Germany in which the University of Ismir, Turkey and the Technological Education Institute of Thessaloniki were the partners. (1/1/1989 - 30/12/1991)
- In the main research team of 5 programs at the Aristotle University of Thessaloniki, in the subject of agricultural economics
- In an Archimedes programme, by the Technological Education Institute of Kavala (1/10/2005 – 31/12/2006)
- In 3 programmes at the Technological Education Institute of Western Macedonia.
- Scientific Coordinator of the Archimedes programme 'Innovation Potential in the Production and Marketing of Traditional Agricultural Products in the Region of Western Macedonia' (2011-2013).

Publications

A. Thesis

1. Melfou, K., 'Co-operatives and their role in the rural economies of low income countries', Postgraduate Diploma in Agricultural Economics, University of Reading, UK.

2. Melfou, K., 'The economic union of Greece with the EEC. A theoretical and empirical study of the impact on Greek agricultural exports', Master of Science in Agricultural Economics, University of Wales, UK.
3. Melfou, K., 'Productivity in Greek Agriculture and Environmental Restrictions. The case of nitrate pollution' PhD in Agricultural Economics (2000), Department of Agricultural Economics, School of Agriculture, Aristotle University of Thessaloniki.

B. Refereed Journals

1. Melfou, K., Papanagiotou, E., (2003) Total Factor Productivity Adjusted for a Detrimental Input, *Agricultural Economics Review*, vol.4(2), p.5-18
2. Melfou K., Loizou E., Mamalis, S., Michaelidis A.(2007) 'Income elasticity of import demand for agricultural products in Greece.' *International Review of Applied Economic Research*, Vol. 2(1) pp. 69-78.
3. Theocharopoulos, A., Melfou, K., Papanagiotou, E. (2007) 'Efficiency in Sustainable Farming Systems: The case of Integrated Crop Management in Greece', *American-Eurasian Journal of Agricultural and Environmental Sciences*, 2(5), pp.593-599.
4. Melfou, K., Theocharopoulos, A., Papanagiotou, E. (2007) 'Total Factor Productivity and Sustainable Agricultural Development', *Economics and Rural Development*, 3(1), pp.32-38.
5. Melfou, K., Theocharopoulos, A., Michaelidis, A. (2007) A causal analysis of competitiveness and exports for the Greek agricultural sector, *Indian Development Review*, 5(2), pp.239-250.
6. Theocharopoulos, A., Melfou, K., Papanagiotou, E.(2008) A microeconomic approach for agricultural development: A DEA application in the Greek sheep farms' *New Medit - Mediterranean Journal of Economics, Agriculture and Environment*, Vol.6(4), pp.48-53.
7. Θεοχαρόπουλος, Α., Μέλφου, Κ. και Παπαναγιώτου, Ε. (2008) Ολοκληρωμένη διαχείριση καλλιεργειών: Μία εμπειρική διερεύνηση των παραγόντων υιοθέτησης και ανάπτυξης του συστήματος, *Γεωπονικά – Επιστημονική Εργασία*. Έτος 54, Τεύχος 435, 1-7.
8. Melfou, K., Theocharopoulos, A., Papanagiotou, E. (2009) Assessing productivity change with SFA in the sheep sector of Greece *Operational Research: An International Journal*, Vol.9, pp.281-292.
9. Melfou, K., Theocharopoulos, A., Papanagiotou, E. (2009) The structure of production in Greek agriculture: Elasticities of substitution and derived factor price elasticities" *Spoudai - Quarterly Economic Journal*, Vol. 58, No 3-4, 80-95.
10. Papanagiotou, P., Tzimitra-Kalogianni, I. and Melfou, K. (2011). Pork quality in the eye of the Greek consumer. *British Food Journal*, 114, 647-660.

11. Theocharopoulos, A., Melfou, K., Papanagiotou, E. (2012). "Analysis of Decision Making Process for the Adoption of Sustainable Farming Systems: The Case of Peach Farmers in Greece". *American-Eurasian Journal of Sustainable Agriculture*, 6(1), 24-32.
12. Oxouzi E., Melfou K., Galea M. and Papanagiotou E. (2012) Economic performance and crop farm efficiency in mountainous and other less favoured areas in Greece, *Bulgarian Journal of Agricultural Science*, 18 (No 6) 2012, 828-835.
13. Melfou K., Oxouzi. E. and Papanagiotou E. (2012). Innovative vs Conventional Farmer Profiles, *MIBES Transactions International Journal*, Vol 6, 2012.
14. Papanagiotou P., Tzimitra-Kalogianni I., Melfou K. (2013) Consumers' expected quality and intention to purchase high quality pork meat, *Meat Science*, 93, 449–454.
15. Athanasios Kampas, Katerina Melfou, Ashar Aftab (2013) Designing Regulatory Policies for Complex Externalities: The Case of Agricultural Pollution *Agricultural Economics Review*, vol. 14(2).
16. K. Melfou, E. Loizou, E. Oxouzi, E. Papanagiotou (2015) Economic Performance of Quality Labeled Saffron in Greece, *Procedia Economics and Finance*, 24, p.p.419 – 425.
17. Oxouzi E., Melfou K., Papanagiotou E. (2015). Sustainability in Farming Certified Quality Products – Determinants of Adoption, *MIBES Transactions International Journal*, 9, p.p.122-132.
18. Perrea, T., Melfou, K., Mamalis, S. and Papanagiotou, P. (2016). Customer Value Perceptions: Testing of a Conceptual Model in the Frame of Own-Country Geographic Indication Foods. *International Journal of Food and Beverage Manufacturing and Business Models*, 1(1), p.p. 1-1
19. Karagiannis G., Melfou, K., Efficiency analysis in a sample of PGI bean producers in Greece. *Agricultural Economics Review*. (in press).

C. Conference Proceedings

1. Caglayan, L., Kavallaris, P. und Melfou, K., (1991) 'Griechenland und Tuerkei: Entwicklung der Agrarproduktions - und Agraraussehndelsstrukturen sowie Anpassungsbedarf der Agrarexportwirtschaft im Vorfeld der Europaeischen Intergration', *In: Land- und Ernaehrungsgswirtschaft in europaeischen Binnenwirtschaft und in den internationalen Arbeitsteilung. Schriften der Gesellschaft fuer Wirtschafts- und Sozialwissenschaften des Landbaues e.v. (Σειρά εκδόσεων της Εταιρείας Αγροτικής Οικονομίας και Κοινωνιολογίας της Γερμανίας), Bd. 27 (ISBN 3-7483-2501-7) Landwirtschaftsverlag, Muenster – Hilstrup 1991, σελ. 417-425.*
2. Παπαναγιώτου, Ε., Μέλφου, Κ. (1992) 'Οικονομική προσέγγιση των περιβαλλοντικών επιπτώσεων της γεωργίας. Σύγχρονες τάσεις στη μεθοδολογία έρευνας' *2ο Πανελλήνιο*

- Συνέδριο Γεωργικής Οικονομίας, Θεσσαλονίκη, 11-12 Δεκεμβρίου 1992, Πρακτικά Συνεδρίου σελ. 561-576, Έκδοση Τομέα Αγροτικής Οικονομίας, Τμήμα Γεωπονίας, Α.Π.Θ.*
3. Melfou, K., Papanagiotou, E. (2000) ‘Agricultural externalities in Greece in a Balkan context. The case of nitrate pollution’ *Proceedings, 70th EAAE Seminar (European Association of Agricultural Economists)*, pp. 194-200, Thessaloniki 9/11/2000.
 4. Μέλφου, Κ, Παπαναγιώτου, Ε. (2000) ‘Σκιά της αξία ενός περιβαλλοντικού περιορισμού. Η περίπτωση της νιτρορύπανσης γεωργικής προέλευσης’, *Πρακτικά 6^ο Πανελλήνιου Συνεδρίου Αγροτικής Οικονομίας, 23-25 Νοεμβρίου 2000, Θεσσαλονίκη.*
 5. Μέλφου, Κ. (2002) ‘Αντιλήψεις μαθητών δευτεροβάθμιας εκπαίδευσης Ν. Φλώρινας για τη ρύπανση του περιβάλλοντος’ *Πρακτικά 7^ο Πανελλήνιου Συνεδρίου Αγροτικής Οικονομίας, 21-23 Νοεμβρίου 2002, Αθήνα*
 6. Μέλφου, Κ, Λοΐζου, Ε. και Μάμαλης, Σ. (2004) ‘Εκτίμηση εισοδηματικής ελαστικότητας ζήτησης εισαγωγών γεωργικών προϊόντων πριν και μετά την ένταξη της Ελλάδας στην Ε.Ε.’ *Πρακτικά 8^ο Πανελλήνιου Συνεδρίου Αγροτικής Οικονομίας, 25-27 Νοεμβρίου 2004, Θεσσαλονίκη.*
 7. Καμπάς, Α., Μέλφου, Κ. (2004) ‘Εθελοντικά Μέτρα Περιβαλλοντικής Προστασίας: Η Περίπτωση των Σύνθετων Εξωτερικών Οικονομιών’ *Πρακτικά 8^ο Πανελλήνιου Συνεδρίου Αγροτικής Οικονομίας, 25-27 Νοεμβρίου 2004, Θεσσαλονίκη.*
 8. Melfou, K. (2005) ‘Regulating pesticides in Greek Agriculture’ *Proceedings of the 89th European Seminar of the European Association of Agricultural Economists (EAAE), ‘Modelling Agricultural Policies: State of the Art and New Challenge’ Monte Universita Parma, Italy, pp. 426-439*
 9. Michailidis A., Loizou, E., Mattas K. and Melfou, K. (2007). ‘Agro-food Dynamics in a Region's Growth’. *Proceedings of the 46th Congress of the European Regional Science Association (ERSA), Vol. I, pp. 261-273, Volos, Greece.*
 10. Theocharopoulos, A., Papanagiotou, E., Melfou, K., (2006) Impacts of decoupling on sheep/goat sector in Greece, *93rd seminar of the EAAE, Impacts of Decoupling and Cross Compliance on Agriculture in the Enlarged EU, September 22nd – 23rd 2006 | Prague, Czech Republic.*
 11. Melfou, K., Eleftheriadis, N., Lazaridou, M., Vakalis, P. (2007) Costs and benefits of wastewater use for irrigation in Greece, *1st Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE), 24-28th June 2007, Greece.*
 12. Theocharopoulos A., Melfou K., Papanagiotou, E. (2007) CAP financial support and farm efficiency driving economic development, *Proceedings of the third international scientific conference "RURAL DEVELOPMENT", Section "Agricultural Business Management", 8-10 November, Lithuanian University of Agriculture, 293-299.*

13. Μέλφου, Κ., Θεοχαρόπουλος, Α., Παπαναγιώτου, Ε. (2010). “Εκτίμηση στοχαστικής εν δυνάμει συνάρτησης παραγωγής για την ανάλυση παραγωγικότητας προβατοτροφικών εκμεταλλεύσεων”. Πρακτικά 10ου Πανελληνίου Συνεδρίου Αγροτικής Οικονομίας, 27-30 Νοεμβρίου 2008, Θεσσαλονίκη.
14. Theocharopoulos, A., Melfou, K., Papanagioutou, A. (2010). “Analysis of decision making process for the adoption of sustainable farming systems in Greece” *7th International Conference on Enterprise Systems, Accounting and Logistics (7th ICESAL 2010)*. 28-29 June 2010, Rhodes Island, Greece.
15. Οξούζη, Ε. Μέλφου, Κ. Γαλέα, Μ. Παπαναγιώτου Ε. (2011). Αποτελεσματικότητα των Γεωργικών Εκμεταλλεύσεων στις Ορεινές και Μειονεκτικές Περιοχές του Νομού Θεσσαλονίκης, Πρακτικά 11ου Πανελληνίου Συνεδρίου Αγροτικής Οικονομίας, Γ.Π.Α. 26-27 Νοεμβρίου 2010, Θεσσαλονίκη.
16. Οξούζη Ε., Μέλφου Κ. και Ε. Παπαναγιώτου (2012) Συμβατική και ολοκληρωμένη διαχείριση καλλιέργειας μήλου. Μια συγκριτική τεχνικοοικονομική ανάλυση. Πρακτικά 11ου Πανελληνίου Συνεδρίου Αγροτικής Οικονομίας, 2012.
17. Karagiannis G., Melfou, K. (2015). Technical and Scale Efficiency of PGI Bean Farms in Greece. In Proceedings of the 21st Annual International Scientific Conference "Research for Rural Development 2015", Jelgava, Latvia, 13-15 May, 2015.
18. Perrea, T., Mamalis, S., Melfou, K., Papanagioutou, P. and Krystallis, A. (in press). Exploring the moderating role of Consumer Ethnocentrism on Consumer Value perceptions towards own-country Geographic Indication Foods. Paper presented at the 145th EAAE (European Association of Agricultural Economists) Seminar “Intellectual Property Rights for Geographical Indications: What is at Stake in the TTIP?”, 14-15 April 2015 in Parma, Italy, and is to be published in a book of proceedings by Cambridge Scholars Publishing.

D. Chapters in Collective Volumes

1. Papanagioutou, E. Alexandridis, K. and Melfou, K. (1994) ‘Some implications of pesticide ban policies in Greece’ in *‘The economic consequences of a drastic reduction in pesticide use in the EU’ eds: Michalek, J, Hennig Hanf, C., Wissenschaftsverlag Vauk Kiel K.G. 1994.*
2. Melfou, K. (1992) ‘Οι αντιδράσεις των ελληνικών εξαγωγικών επιχειρήσεων οπωροκηπευτικών, υπό την πίεση προσαρμογής στην Ενιαία Ευρωπαϊκή Αγορά και οι προοπτικές τους’, In *EISENBACH, J.(Hrsq.): Der Exportfruchthandel Griechenlands im internationalen Wettbewerb. Analysen und mogliche Strategien zur Steigerung der Vermarktungseffizienz bei Zitrusfruchten, Rosinen und Tomatenmarkt, Zentrums fuer*

Regionale Entwicklungforschung der Justus-Liebig-Universität Giessen, Bd. 41, Hamburg 1992, S. 105-116.

3. Melfou, K., Kavallaris, P.(1991) Profil der Agrarexport wirtschaft Griechenlands und der Türkei am Beispiel ausgewählter Branchen - Struktur und Anpassungsbedarf der Exportunternehmen in Griechenland, *In EISENBACH, J.(Hrsg.): Griechenland und Türkei im Vorfeld des Europaischen Binnenmarktes: Potential und Perspektiven des Agrarexports bei Zitrusfruechten, Rosinen und Tomatenmarkt, Schriften des Zentrums fuer Regionale Entwicklungforschung der Justus-Liebig-Universität Giessen, Bd. 42, Hamburg 1991, S. 46-90*
4. Theocharopoulos, A., Aggelopoulos, S., Papanagioutou, P., Melfou, K. Papanagioutou, E. (2011). "Sustainable farming systems vs conventional agriculture: A socioeconomic approach". In "Sustainable Development". Eds: Dr Chaouki Ghenai, Intech Publishers. ISBN 979-953-307-649-1.

E. Abstracts

1. Papanagioutou, E., Melfou, K.(1993) 'Some implications of fertiliser limitation policies' *VII th European Congress of Agricultural Economists, Stressa (Novara) Italy, 5-9/9/1993.*
2. Καβαλλάρης, Π., Μέλφου, Κ.(1991) 'Διάρθρωση εξαγωγικών επιχειρήσεων ροδακίνων' *15η επιστημονική συνεδρίαση της Ελληνικής Εταιρείας της Επιστήμης των Οπωροκηπευτικών 12-14 Νοεμβρίου 1991, Θεσσαλονίκη, Πρακτικά (σελ. 35, για τη συνεδρίαση αυτή δημοσιεύθηκαν μόνο περιλήψεις).*
3. Tamoutsidis, E., Lazaridou, M., Melfou, A., Vassiliou, G. and Spanos, T. (2006) 'Wastewater impact on nutrient accumulation in soil and corn plants' *IX Congress of the European Society for Agronomy, Warsaw Agricultural University, Poland.*
4. Michailidis, A., Loizou, E. and Melfou, K. "Evaluated Irreversible Infrastructure Investments under Uncertainty: An Application of Real Options Methodology to Ski Centre Construction". *E-Review of Tourism Research, Vol. 4(1), 2006.*
5. Melfou, K., Theocharopoulos, A., Papanagioutou, E. (2008). "*Parametric decomposition of total factor productivity in Greek agricultural production*". International Conference on Applied Economics, Session: Agricultural and Production Economics, 15-17 May 2008.
6. Theocharopoulos, A., Melfou, K., Papanagioutou, E. (2011). "Efficiency analysis under different production technologies: An application to the Greek agricultural sector". 9th International Conference on Data Envelopment Analysis (DEA): "Data Envelopment Analysis and Performance Management", 25-27 August 2011, Thessaloniki – Greece.

7. Melfou K., Karafyllis X., Mitskinis D. (2015). Technical efficiency of apple farms with PGI quality label. Abstract in Proceedings of the 8th Annual Conference of the EuroMed Academy of Business. Verona, Italy, 16-18 September, 2015.
8. Karagiannis G., Melfou, K. (2015). Efficiency Analysis of PGI Beans Farms in Greece. Abstract in Proceedings of the 13th International Conference on Data Envelopment Analysis. Germany, 24-27 August, 2015.