

Curriculum Vitae – Tziolas K. Emmanouil

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Date of birth: June 27th, 1988

EDUCATION AND TRAINING

- 2016-2019 **PhD** at Aristotle University of Thessaloniki. Faculty of Agriculture, Forestry & Natural Environment, School of Agriculture, Dep. of Agricultural Economics Greece.
- 2013-2015: **MSc Degree in Agricultural Economics**, Faculty of Agriculture, Forestry & Natural Environment, School of Agriculture, Dep. of Agricultural Economics Greece (Grade: 9.17/10.00).
- 2006-2012: **Degree in Agricultural Science**, Faculty of Agriculture, Forestry & Natural Environment, School of Agriculture, Dep. of Agricultural Economics Greece. (Grade: 6.86/10.00).

Training programs:

- 2014: **New scientific and environmental technologies.** A project of Aristotle University of Thessaloniki in the framework of lifelong learning. Faculty of Physics and Mechanical Engineering (Aristotle University of Thessaloniki) – Faculty of Physics (University of Patras) – Faculty of Physics (University of Ioannina). (+15 ECTS)
- 2015: **Urban regeneration and eco-friendly design.** A project of Department of Planning and Regional Development, University of Thessaly, School of Engineering in the framework of lifelong learning. Faculty of Agriculture, Forestry and Natural Environment, (Aristotle University of Thessaloniki) Architectural Engineering – School (Democritus University of Thrace) (+15 ECTS)

PUBLICATIONS – JOURNALS

- Tziolas, E.**, Ofriodopoulou, K., Bournaris, T. and Manos, B. (2022) "Optimal Farm Planning and Assessment of Conventional Agricultural Practices under Alternative Scenarios Integrating Life Cycle Analysis", AGRIS on-line Papers in Economics and Informatics, Vol. 14, No. , pp. . ISSN 1804-1930. DOI 10.7160/aol.2022.14xxxx – Current state: Accepted, Final publishing version in December 2022
- Tziolas, E.**; Ispikoudis, S.; Mantzanas, K.; Koutsoulis, D.; Pantera, A. Economic and Environmental Assessment of Olive Agroforestry Practices in Northern Greece. Agriculture 2022, 12, 851. <https://doi.org/10.3390/agriculture12060851>
- Papadopoulos, A.; Touloumis, K.; **Tziolas, E.**; Boulamatsis, D.; Koutrakis, E. Evaluation of Marine Recreational Fisheries and Their Relation to Sustainability of Fisheries Resources in Greece. Sustainability 2022, 14, 3824. <https://doi.org/10.3390/su14073824>
- Τζιόλας Ε.**, Φυτιάνος Γ. Ανάπτυξη μεθοδολογίας για την αποτίμηση περιβαλλοντικών επιπτώσεων στη διαχείριση αστικών λυμάτων. Θέματα Δασολογίας και Διαχείρισης Περιβάλλοντος και Φυσικών Πόρων. 13ος Τόμος: Κλιματική Αλλαγή στην Ανθρωπόκαινο Εποχή, σελ. 202 – 212. ISSN: 1791-7824 ISBN: 978-960-9698-18-4. Ημερομηνία Έκδοσης: Νοέμβριος 2021

-Fytianos G, **Tziolas E**, E Papastergiadis, P Samaras Least Cost Analysis for Biocorrosion Mitigation Strategies in Concrete Sewers Sustainability 12 (11), 4578. (2020) <https://doi.org/10.3390/su12114578>

-**Tziolas, E.**, Bournaris, T. Economic and Environmental Assessment of Agro-Energy Districts in Northern Greece: a Life Cycle Assessment Approach. Bioenerg. Res. 12, 1145–1162 (2019). <https://doi.org/10.1007/s12155-019-10020-x>

-**Tziolas E.**, Bournaris T., Manos B., Nastis S. (2018) Life Cycle Assessment and Multi-criteria Analysis in Agriculture: Synergies and Insights. 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_12

-**Tziolas, E.**, Bournaris, T., Nastis, S.A. and Manos, B. (2018) ‘Integrated impact assessment of biomass conversion systems with the method of life cycle assessment. A comprehensive review’, *Int. J. Sustainable Agricultural Management and Informatics*, Vol. 4, No. 2, pp.123–150.

-**Tziolas, E.**, Manos, B. & Bournaris, T. 2017. Planning of agro-energy districts for optimum farm income and biomass energy from crops residues. *Oper Res Int J* (2017) 17: 535. <https://doi.org/10.1007/s12351-016-0236-y>

PUBLICATIONS – CONFERENCES

-Σαπουνίδης Α., Παπαδοπούλου Ρ., Αράπογλου Φ., Χρηστίδης Α., Καλανταρίδου Γ., Τριανταφυλλίδης Σ, **Τζιώλας Ε.**, Κουτράκης Μ. Η Ιχθυοπανίδα των ρεόντων υδάτων των Τεναγών Φιλίππων και η παρουσία δύο σπάνιων ενδημικών ειδών. 18ο Πανελλήνιο Συνέδριο Ιχθυολόγων, 3 - 6 Νοεμβρίου 2022 Ι.Π. Μεσολογγίου - Διοικητήριο Π.Ε. Αιτ/νίας

-Παπαδόπουλος Α., Καραχλέ Π., **Τζιώλας Ε.**, Βιδωρής Π., Κουτράκης Μ. Πιλοτική έρευνα πεδίου 2019-2021 για την ερασιτεχνική αλιεία στις περιοχές της Ανατολικής Μακεδονίας & Θράκης, Ιονίου Πελάγους και Σαρωνικού Κόλπου: Προκαταρκτικά αποτελέσματα. 18ο Πανελλήνιο Συνέδριο Ιχθυολόγων, 3 - 6 Νοεμβρίου 2022 Ι.Π. Μεσολογγίου - Διοικητήριο Π.Ε. Αιτ/νίας

-Ofriodopoulou K., **Tziolas E.** Sustainable Development and air- polluting emissions in agricultural production. A case study in Central Macedonia. Interreg – IPA CBC. TRansboundary Air Pollution health index development and implementation (TRAP-<https://trap-project.eu/>). Trap conference “Strategies for managing air pollution and environmental sustainability”. Friday, 3 June 2022 Zoom Platform

-**Tziolas Emmanouil**, Bournaris Thomas, Moulogianni Christina, Kappas Thomas. Economic analysis and energy balance of agricultural production in Northern Greece. 164th EAAE Seminar. Preserving Ecosystem Services via Sustainable Agro-food Chains 05 - 07 September 2018 Chania, Crete, Greece, Mediterranean Agronomic Institute of Chania (CIHEAM MAICh)

-Kappas T., Bournaris T., Ikononou E., **Tziolas E.** The evolution of the platform for wider awareness about sustainable farming. International Conference on Agricultural food sector – New technology – Entrepreneurship – Local development. May 24 – 27, 2018 Serres, Greece

-**Emmanouil Tziolas**, Thomas Bournaris, Stefanos Nastis and Basil Manos, 2017. A taxonomy survey of Life Cycle Assessment used for the evaluation of biomass production. 6th International Symposium and 28th National Conference on Operational Research. June 8-10 Thessaloniki, Greece

-**Emmanouil Tziolas**, Basil Manos, Thomas Bournaris, 2015. Optimization of farm income and biomass energy from residues in rural areas. 4th International Symposium and 26th National Conference on Operational Research. Chania, Crete, Greece June 4-6

PROJECTS

Anastasios Mitsopoulos, Vasileios Tziakas, Serafeim Papadimitriou, **Manolis Tziolas**, Sofia Zioupou 2015. Feasibility study for the establishment of an incubator farm in Greece. http://mosaic.njaes.rutgers.edu/rty_reports/common_files/pdfs/afs/Farm%20Incubator.pdf

Quality Assurance Framework Subgroup Workshop: training session on methodologies in Handbook. Strengthening Regional cooperation in the area of fisheries data collection –

MARE/2016/22 Socio-economic data collection for fisheries, aquaculture and the processing industry.
D.2.1: Handbook on sampling design and estimation methods for economic data collection in fisheries statistics. Luke Natural Resources Institute Finland. PI: Juha Heikkinen virtual training from Finland 4-6 May 2021

SEMINARS – TRAINING PROGRAMMES

-2015: Certificate of Completion for the e-program of Agriculture, Economics and Nature online course (with Distinction grade). University of Western Australia. Course Coordinator: Professor David Pannell.

-2013: Statement of Accomplishment e-learning via coursera.org entitled: Economic Issues, Food and You, Department of food and resource economics, University of Florida.

-2013: Participation in the training program "Joint framework for the provision of standardized services to geotechnical engineers for (e)training on natural risks – civil protection and for promoting access to the labour market" with the acronym "GEOPROMOTION". Hours of training: 250

PERSONAL SKILLS AND COMPETENCES

Greek: Native Language
English: International English Language Testing System (IELTS); 6.5/9
French: Beginner Level

Computer Studies : Cambridge International Diploma in IT skills (VELLUM), Ascertainment of ArcGIS (ArcInfo - ArcView, 3D and Spatial Analyst, Ascertainment of Computer Knowledge - Aristotle University of Thessaloniki.

Lindo, SPSS and Matlab knowledge (archives management) Environmental models via Model for the Assessment of Greenhouse-Gas Induced Climate Change (MAGICC, SCENGEN) , Rstudio

WORK EXPERIENCE

2022-today Scientific associate
International University of Greece: Project - Technology of Skilled Agriculture of Vineyards (TEGEA) PI: Dr. Vasilios Kambourlazos
Laboratory of Human-Machine Interaction (HAM) (see <http://humain-lab.cs.ihu.gr/>),
Department of Informatics, International University of Greece, Kavala

2021-today Academic Associate
Department of Agricultural Biotechnology and Oenology, IHU
Courses: OEN248 Professional ethics
OEN239 Marketing of wine and beverages
TBO-26-B6 Statistics

2021-2022 Academic Associate
Program of post-graduate studies, Department of Forestry and Management of the Environment and Natural Resources/ MSc in "Environmental Education and Communication
Courses: Circular economy and sustainable development (15 hours)
Sustainable Development (15 hours)

2020-2021 Scientific associate
Fisheries Research Institute
a) Collection and evaluation of social, economic data in aquaculture, as well as the export of relevant indicators b) Statistical processing of socio-economic data, c) Elaboration of European Commission proposals on Fisheries Data Framework (DCF),

d) Support for the technical reports for the EU and the Ministry of Regional Development and Infrastructure

- 2020-2021: Special appointed Professor
International Hellenic University
Courses: Statistics (52 hours) and Marketing of wine and beverages (52 hours).
Department of Agricultural Biotechnology and Oenology, IHU.
- 2017-2019: PhD Scholar-Teaching assistant
Courses: N104Y Quantitative Methods (78 hours of teaching)
Survey: Programming of agricultural production in agro-energy districts. A Life cycle assessment approach
School of Agriculture, Aristotle University of Thessaloniki (AUTH). The PhD is funded by the General Secretariat for Research and Technology (GSRT) and the Hellenic Foundation for Research and Innovation (HFRI).
- 2016-2017: Natural disaster evaluator
ELGA (Hellenic Organization of Agricultural Compensations)
- 2015-2016: Agricultural Economist/Business Consultant
Ergoplanning LTD
- 2013-2014: Computing professional
Antoniou Theodosios, Thessaloniki (Greece)
- 2010: Internship in Agricultural Directorate of Thessaloniki
Agricultural Directorate of Thessaloniki, Thessaloniki (Greece)