

PERSONAL INFO



Litskas Vassilis, PhD

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Sex Male | Date of birth 05/05/1982 | Nationality Greek

WORK EXPERIENCE

Researcher, Visiting
Lecturer; Special
teaching scientist

Sector Academia

• Organizations:

Cyprus University of Technology; Department of Agricultural Sciences, Biotechnology and Food Science (ABF) (2014-Today).

Open University of Cyprus (School of Pure and Applied Sciences) (2019-Today)

University of Cyprus; Department of Civil and Environmental Engineering (CEE) (2013-2018). NIREAS IWRC and Gaia Lab (2013-2015).

Aristotle University of Thessaloniki / Faculty of Veterinary Science / Ecology & Protection of the Environment Lab (2009-2013)

Aristotle University of Thessaloniki / School of Agriculture/ General Hydraulics and Land Reclamation Lab, Soil Science Lab & Ecology Lab (2005-2008).

• Research topics:

Environmental Chemistry; Climate change impact/ mitigation; Environmental Education; Environmental Footprint; Ecosystem Services; Analysis (using GC and LC) of pharmaceuticals and pesticides; Ecotoxicology, Environmental Chemistry

• Teaching at BSc and MSc level:

Agrometeorology CUT ABF 219;

Agricultural Machinery and Animal Husbandry Equipment CUT ABF 414;

Environmental Impact Assessment UCY CEE 383;

Water Resources Management UCY CEE 470;

Hydrology UCY CEE 471;

Thesis Capstone Project I and II UCY CEE 490-491 (this is the Thesis project in CEE);

Solid and Hazardous Waste Management UCY MSc CEE 582;

Invited speaker in Molecular and Applied Ecology ABF 506.

• Scientific Writing:

Proposals for research grants; assisting in undergraduate and MSc Theses, scientific papers, book chapters and reports.

EDUCATION / TRAINING

PhD on Ecology and Environmental Protection
03/2009-01/2013

School of Veterinary Science, Laboratory of Ecology and Protection of the Environment; Aristotle University of Thessaloniki, Greece
Research on the fate of xenobiotics in the terrestrial ecosystem
<http://www.didaktorika.gr/eadd/handle/10442/29141?locale=en> (Thesis in Greek, English abstract)

MSc on Ecology and Sustainable Ecosystems Management
10/2005-01/2008

Department of Agriculture, Aristotle University of Thessaloniki, Greece/
Water quality and management in irrigation systems
<http://ikee.lib.auth.gr/record/106646/files/gri-2008-1576.pdf> (Thesis in Greek, English abstract)

Ptychion (5 years studies) Equivalent to BSc in Agronomy and MSc in Land reclamation, soil science and agricultural engineering
10/2000-07/2005

Department of Agriculture, Aristotle University of Thessaloniki, Greece.
Thesis: Comparison (soil characteristics and Carbon footprint) of organic and conventional sweet cherry orchards.

EIT Climate KIC training
27/11/2017-02/12/2017

Budapest, Hungary- Catalyst: Sustainable Innovation in Agriculture and Food Production
<https://learning.climate-kic.org/en/courses/catalyst-3>

Climex version 4 training
30/08/2016-02/09/2016

Prof. Darren Kriticos, CSIRO and The University of Queensland (Headquarters of the European and Mediterranean Plant Protection Organisation, Paris)
<https://pestrisk.org/climex-version-4-training/>

PERSONAL SKILLS

Mother tongue(s)

Greek

Other language(s)

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1
University of Michigan proficiency in English; scientific writing & oral presentations in international conferences in English				

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Interpersonal communication skills

- Effective speaking/ listening/ writing in Greek and English. Gained from my Working and Education experience (e.g. participating in multidisciplinary scientific projects / submission of research proposals / teaching/ supervising undergraduate and post graduate students and presenting in scientific conferences/ journals).

Organisational / managerial skills

- Acquired through participation in scientific projects and the experience as a researcher as well as university level teacher (e.g. Creating and keeping deadlines. Goal setting and meeting goals. Teamwork/ Team management. Problem solving. Productivity. Multitasking. Decision making. Managing appointments and making schedules.

Analysis/ Laboratory/ field

- Chromatography (UPLC/MS/MS, HPLC UV; FLD, GC/MS).
- Ultraviolet-Visible Spectroscopy (UV-Vis spectroscopy).
- Atomic Absorbance Spectroscopy (AAS).
- OECD protocols; fate of pollutants in the environment and toxicity assays.
- Creating and keeping spider mites' cultures in the lab.
- Semi-field and field experiments planning and execution.

Environmental chemistry- Agronomy

- Biodegradation and fate of xenobiotics in the terrestrial environment.
- Effects of xenobiotics on microbial activity in the soil and nutrient cycling.
- Use of biological systems (e.g. rice crops) for remediation of contaminated environments.
- Modelling Carbon Sequestration in terrestrial environment for Climate Change Mitigation.
- Bioclimatic Envelope Modelling for the effects of climate change on ecosystems.
- Biological control of pests / use of natural enemies. Crops/ pests/ natural enemies' interactions.

Digital skills

SELF-ASSESSMENT				
Information processing	Communi- cation	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Independent user

Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid

- Excellent command of office suite (word processor, spread sheet, presentation software)
- Statistical software (STATGRAPHICS centurion)
- Geographic Information System (QGIS)
- CLIMEX software for Bioclimatic Envelope Modelling
- Life Cycle Assessment software (Open LCA, CoolFarmTool).

ADDITIONAL INFO

Publications/ Citations	22 publications in Scientific Journals (peer review) / (See Annexes A0-1)/ h-index 8. One book chapter (see Annex A0)
Presentations/ Conferences	19 presentations in Scientific Conferences (peer review) (See Annex A2)
Projects	Participation in 11 multidisciplinary scientific projects (see Annex A3) and my responsibilities were research, management support, creation of educational material and courses building. During the period 2015-2019, I also had key role to the submission of 12 scientific proposals (see Annex A4).
Honours and awards	2010-2011 & 2011-2012: The research committee of the Aristotle University of Thessaloniki (RC.auth.gr) scholarship for excellent PhD students. 2009: Grand from “Konstantinos Katseas” fund for a study related to the northern Greece natural resources protection. Study title: “Energy balance and greenhouse gas emissions in the agricultural areas of Pella, Greece”.
Memberships	2016-Present EURAAC (European Association of Acarologists) 2015-Present SETAC (Society of environmental toxicology and chemistry) https://www.setac.org/ 2007-Present Hellenic Society of Agricultural Engineers (EGME)
Reviewer	International J. of Environmental Analytical Chemistry (Taylor & Fransis) CLEAN (Wiley) Science of the Total Environment (Elsevier) Journal of Environmental Chemical Engineering (Elsevier) Environmental Toxicology and Chemistry (WILEY) Environmental Pollution (Elsevier) Chemosphere (Elsevier) Journal of Cleaner Production (Elsevier) Sustainability (MDPI) Water (MDPI)

ANNEXES

A0. Book chapters and Reports

- Litskas, V.D., Platis, D.P., Anagnostopoulos C., Tsaboula A., Menexes, G.C., Kalburtji, K.L., Stavrinides, M.C. and Mamolos, A.P., 2020. Climate Change and Agriculture: Carbon Footprint estimation for agricultural products and labeling for emissions mitigation. In: Sustainability of the Food System: Sovereignty, Waste, and Nutrients Bioavailability (N. Betoret & E. Betoret Eds), pp 33-47. Academic Press, Elsevier.
- Vogiatzakis Ioannis, Zotos Savvas, Litskas Vassilis, Manolaki Paraskevi, Sarris Demetrios, Stavrinides Menelaos, 2017. Mapping and Assessment of Ecosystem Services (MAES) in CYPRUS. Report submitted to the Department of Environment.
- Vogiatzakis Ioannis, Manolaki Paraskevi, Litskas Vassilis, Zotos Savvas, 2018. Mapping and Assessment of River Ecosystem Services (MAES) in CYPRUS. Report submitted to the Department of Environment.

A1. Papers in scientific journals (peer review)

- Antonios Chrysargyris, Panayiota Xylia, Vassilis Litskas, Menelaos Stavrinides, Lisa Heyman, Kristof Demeestere, Monica Höfte and Nikolaos Tzortzakis, 2020. Assessing the Impact of Drought Stress and Soil Cultivation in Chardonnay and Xynisteri Grape Cultivars. *Agronomy* 2020, 10(5), 670; <https://doi.org/10.3390/agronomy10050670>
- Vassilis D. Litskas, Nikolaos Tzortzakis, and Menelaos C. Stavrinides, 2020. Determining the Carbon Footprint and Emission Hotspots for the Wine Produced in Cyprus. *Atmosphere* 11(5), 463; <https://doi.org/10.3390/atmos11050463>
- Ioannis Vogiatzakis, Savvas Zotos, Vassilis Litskas, Paraskevi Manolaki, Demetrios Sarris, Menelaos Stavrinides, 2020. Towards implementing Mapping and Assessment of Ecosystem Services in Cyprus: A first set of indicators for ecosystem management. *One Ecosystem* 5: e47715.
- Litskas, V.D., Migeon, A., Navajas, M., Tixier, M-S., Stavrinides, M.C., 2019. Climate change expected to reduce suitability of land for tomato production and increase mite outbreaks. *Env Res letters*, Vol 14, no 8.
- Alain Migeon, Maria Navajas, Marie-Stéphane Tixier, Vassilis D. Litskas, Menelaos C. Stavrinides, 2019. A predator-prey system: *Phytoseiulus persimilis* (Acari: Phytoseiidae) and *Tetranychus urticae* (Acari: Tetranychidae): worldwide occurrence datasets. *Acarologia*, 59 (3) pp 301-307.
- Litskas, V.D., Karamanlis, X.N., Prousali, S.P. and Koveos, D.S., 2019. The xenobiotic doxycycline affects nitrogen transformations in soil and impacts earthworms and cultivated plants. *Journal of Environmental Science and Health, Part A*. <https://doi.org/10.1080/10934529.2019.1655368>
- Litskas V., Chrysargyris A., Stavrinides M., Tzortzakis N., 2019. Water-energy-food nexus: A case study on medicinal and aromatic plants. *Journal of Cleaner Production* <https://doi.org/10.1016/j.jclepro.2019.06.065>
- Chrysargyris, A., Xylia, P., Litskas, V., Mandoulaki, A., Antoniou, D., Boyias, T., Stavrinides, M., Tzortzakis, N., 2018. Drought stress and soil management practices in grapevines in Cyprus under the threat of climate change. *Journal of water and climate change*. <https://doi.org/10.2166/wcc.2018.135>
- Litskas, V.D., Karamanlis, X.N., Prousali, S.P. and Koveos, D.S., 2018. Effects of the Antibiotic Amoxicillin on Key Species of the Terrestrial Environment. *Bulletin of environmental contamination and toxicology*, 100(4), pp. 509-515.
- Litskas, V.D., Irakleous, T., Tzortzakis, N. and Stavrinides, M.C., 2017. Determining the carbon footprint of indigenous and introduced grape varieties through Life Cycle Assessment using the island of Cyprus as a case study. *Journal of Cleaner Production*, 156, pp. 418-425.
- Parpounas, A., Litskas, V., Hapeshi, E., Michael, C. and Fatta-Kassinou, D., 2017. Assessing the presence of enrofloxacin and ciprofloxacin in piggery wastewater and their adsorption behaviour onto solid materials, with a newly developed chromatographic method. *Environmental Science and Pollution Research*, 24(29), pp. 23371-23381.
- Chrysargyris, A., Laoutari, S., Litskas, V.D., Stavrinides, M.C. and Tzortzakis, N., 2016. Effects of water stress on lavender and sage biomass production, essential oil composition and biocidal properties against *Tetranychus urticae* (Koch). *Scientia Horticulturae*, 213, pp. 96-103.
- Litskas, D.V., Batzias C.G., Paraskevas, G.Ch., Pavlatou-Ve, A., Karamanlis, N.X., 2016. Mobility of pharmaceutical

compounds in the terrestrial environment: Adsorption kinetics of the macrocyclic lactone eprinomectin in soils. *Chemosphere*, 144, pp. 1201-1206.

- Litskas, V.D., Aschonitis, V.G., Lekakis, E.H. and Antonopoulos, V.Z., 2014. Effects of land use and irrigation practices on Ca, Mg, K, Na loads in rice-based agricultural systems. *Agricultural Water Management*, 132, pp. 30-36.
- Aschonitis, V.G., Antonopoulos, V.Z., Lekakis, E.H., Litskas, V.D., Kotsopoulos, S.A. and Karamouzis, D.N., 2013. Estimation of field capacity for aggregated soils using changes of the water retention curve under the effects of compaction. *European Journal of Soil Science*, 64(5), pp. 688-698.
- Litskas, V.D., Karamanlis, X.N., Batzias, G.C. and Tsiouris, S.E., 2013. Are the parasiticidal avermectins resistant to dissipation in the environment? The case of eprinomectin. *Environment international*, 60, pp. 48-55.
- Litskas, V.D., Karaolis, C.S., Menexes, G.C., Mamolos, A.P., Koutsos, T.M. and Kalburtji, K.L., 2013. Variation of energy flow and greenhouse gas emissions in vineyards located in Natura 2000 sites. *Ecological Indicators*, 27, pp. 1-7.
- Litskas, V.D., Dosis, I.G., Karamanlis, X.N. and Kamarianos, A.P., 2012. Occurrence of priority organic pollutants in Strymon river catchment, Greece: Inland, transitional, and coastal waters. *Environmental Science and Pollution Research*, 19(8), pp. 3556-3567.
- Litskas, V.D., Mamolos, A.P., Kalburtji, K.L., Tsatsarelis, C.A. and Kiose-Kampasakali, E., 2011. Energy flow and greenhouse gas emissions in organic and conventional sweet cherry orchards located in or close to Natura 2000 sites. *Biomass and Bioenergy*, 35(3), pp. 1302-1310.
- Litskas, V.D., Karamanlis, X.N., Batzias, G.C. and Kamarianos, A.P., 2011. Sorption of the antiparasitic drug eprinomectin in three soils. *Chemosphere*, 82(2), pp. 193-198.
- Litskas, V.D., Aschonitis, V.G. and Antonopoulos, V.Z., 2010. Water quality in irrigation and drainage networks of Thessaloniki plain in Greece related to land use, water management, and agroecosystem protection. *Environmental monitoring and assessment*, 163(1-4), pp. 347-359.
- Litskas, V.D., Batzias, G.C., Karamanlis, X.N. and Kamarianos, A.P., 2010. Analytical procedure for the determination of eprinomectin in soil and cattle faeces. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, 878(19), pp. 1537-1542.

A2. Communications in scientific conferences (peer review)

- Litskas V., Mandoulaki A., Vogiatzakis I., Tzortzakis N. and Stavrinides M. 2020. The environmental footprint as a tool towards sustainable viticulture and winemaking in Mediterranean islands. OpenEARTH conference, Thessaloniki 12-14 February.
- Vogiatzakis I.N., Zotos S., Litskas V., Manolaki P., Sarris D., Stavrinides M., 2019. Mapping and Assessing Ecosystem Services in Cyprus. 10th IALE World Congress, July 1-5, Milan, Italy.
- Vogiatzakis I.N., Zotos S., Zomeni M., Litskas V., Leontiou S., 2019. Assessing the extent of wildlife vehicle collisions (WVCs) on Cyprus road network. 10th IALE World Congress, July 1-5, Milan, Italy.
- Chrysargyris A, Litskas V.D., Stavrinides M.C., Tzortzakis N, 2019. Drought and salinity stress due to Climate Change alter the physiology and biochemistry of Medicinal and Aromatic plants. The Second Balkans - China Mini-symposium on Natural Products and Drug Discovery, 11-13 April 2019, Belgrade, Serbia.
- Litskas, V., Migeon A., Navajas, M., Tixier, M.S., Stavrinides, M.C., 2019. Global climate change effects on tomato, a key pest and its natural enemy. Climatico Conference. Limassol, Cyprus. 11, 12 April.
- Mazis, A., Litskas, V., Menexes, G., Kalburtji, K., Platis, D.P. and Mamolos, A.P., 2019. Energy balance and greenhouse gas emissions in kiwi and citrus farms in Greece. Climatico Conference. Limassol, Cyprus. 11, 12 April.

- Litskas, V., Chrysargyris, A., Tzortzakis, N. and Stavrinides, M., 2019. Carbon footprint mitigation in Mediterranean agriculture: Case studies from vines and aromatic plant farms in Cyprus. Climatico Conference. Limassol, Cyprus. 11, 12 April.
- Litskas, V., Migeon A., Navajas, M., Tixier, M.S., Stavrinides, M., 2019. Climate change impacts negatively biological control of a global pest by two key natural enemies: small-scale farming at higher risk. 3rd Agriculture and Climate Change Conference. Budapest, Hungary, March.
- Litskas D. Vassilis, Irakleous Theodoros, Nikolaos Tzortzakis and Stavrinides C. Menelaos (2017). Indigenous varieties and carbon sequestration for “zero emissions” grapes? Ampelos 2017 – 4th International Symposium Mediterranean vineyards and Climate Change. 12-14 May, Santorini, Greece.
- Vassilis Litskas, Alain Migeon, Maria Navajas, Marie-Stéphane Tixier and Menelaos C. Stavrinides (2016). Climate change alters biogeography of spider mites and their natural enemies: consequences for biological control and food production. 8th Symposium of the EUROpean Association of ACarologists, 11-15 July Valencia, Spain.
- Antonios Chrysargyris, Sotiroula Laoutari, Vassilis D. Litskas, Menelaos C. Stavrinides and Nikolaos Tzortzakis (2016). Effects of plant water stress on lavender and Greek sage essential oil quality and biocidal properties against *Tetranychus urticae*. 8th Symposium of the EUROpean Association of ACarologists, 11-15 July Valencia, Spain.
- Litskas V.D., Paraskevas C.G, Karamanlis X.N., Batzias G.C. (2015). Mobility of the antiparasitic drug eprinomectin in soil columns. Proceedings of the 9th national EGME conference, pp. 631-635, Thessaloniki 8-9 October. http://egme.gr/EGME_PRAKTIKA/PDFS/9_conference/EGME%209o%20proceedings.pdf
- Sotiroulla Laoutari, Antonios Chrysargyris, Vassilis Litskas, Menelaos Stavrinides and Nikolaos Tzortzakis. Effects of plant water stress on toxicity of essential oils to *Tetranychus urticae*. IOBC Fifth Meeting of the IOBC-WPRS Working Group "Integrated Control of Mite Pests", Castelló de la Plana, Spain.
- Vassilis Litskas, Andreas Parpounas, Evroula Hapeshi, Costas Michael and Despo Fatta-Kassinou (2015). Monitoring of fluoroquinolone antibiotics in piggery wastewater and their mobility in solid materials after the application of the slurry as fertilizer. SETAC Europe 25th annual meeting, Track H: pollution prevention and remediation, Session: soil and water pollutants assessment and remediation. Barcelona, Spain, 3-7 May. http://barcelona.setac.eu/scientific_programme/tracks_and_sessions/?contentid=854&pr_id=766&last=773&sub=854
- Litskas Vassilios, Koutsos M. Thomas, George C. Menexes, Andreas P. Mamolos, Constantinos A. Tsatsarelis, Kiriaki L. Kalburtji (2014). Mapping of total energy inputs, total energy outputs, energy efficiency and greenhouse gas-emissions in olive groves of Cyprus: a tool to determine the best management of energy inputs. Symposium “applications of GIS in Cyprus”, organized by Cyprus University of Technology and the technical chamber of Cyprus, 8-9 October, Nicosia, Cyprus.
- Litskas V.D., Paraskevas C.G, Karamanlis X.N., Batzias G.C. (2011) Behavior of avermectins in soil – mobility of eprinomectin in soil columns. 7th Mediterranean Group of Pesticides Research (MGPR) International Symposium "Paolo Cabras" [09-11 Nov 2011, Thessaloniki, Greece]
- Alamanou M., Pavlatou-Ve A., Aschonitis V., Litskas V., Antonopoulos V. (2007). Variation of microbial activity in a paddy field during cultivation. Proceedings of the 5th national EGME conference, Larisa, Thessaly pp. 527 – 534 (in Greek, English Abstract). http://egme.gr/EGME_PRAKTIKA/PDFS/5_conference/5_Proceedings%20EGME%202007_fulltext.pdf
- Antonopoulos V.Z., Litskas V.D., Aschonitis V.G, Tsiouris S.E. (2007). “mpact of irrigated agriculture on drainage water quality. Proceedings of the 5th national EGME conference, Larisa, Thessaly pp. 237 – 244 (in Greek, English Abstract).
- Antonopoulos V.Z., Aschonitis V.G, Litskas V.D. (2007). Water balance in rice fields using the model GLEAMS. 6th EEDYP conference, Chania, Crete, pp. 325 - 334 (in Greek, English Abstract).

<http://www.waterinfo.gr/eedyp/conferences.html>

A3. Participation in Scientific projects as researcher

EcoWinery: Eco-innovation for the production of low environmental footprint wine. Restart 2016-2020; Excellence hubs (EXCELLENCE/1216/0279). <https://sustagric.weebly.com/ecowinery.html>

EnVeROS: EnVironmental education through Roadkill Observation Systems. ERASMUS+ KA02 project (10/2018-9/2020). <http://www.enveros.eu/>

WaSec: Innovations in Water Education Programs: Enhancing Water Security and Socio-economic Development in the Eastern Mediterranean under Climate Change. ERASMUS+ KA02 (11/2018-10/2021).

AGROLABS: “AgroFood Innovation Clusters”. Co-financed by Transnational Cooperation Programme Interreg Balkan – Mediterranean 2014 – 2020 - <http://www.interreg-balkanmed.eu/approved-project/31/>

GENOMITE Project: New generation sustainable tools to control emerging mite pests under climate change [KOINA/ΠΙΚΠ-FACCE/1013/10 / GENOMITE]

http://www.accaf.inra.fr/en/Actions-and-Projects/adaptation_animal_plant_health/GenoMite

Services for the application of the EU water framework directive for the monitoring of water quality in surface water in the Strymon river basin. <http://appliedsoilab.web.auth.gr/index.php/el-GR/2013-06-06-06-12-32/projects>
Auth research committee, project code: 82424.

Initial study for the establishment of stock raising zones in the Nevrokopi region, Drama. Auth research committee, project code: 84154.

Impact of the antibiotics amoxicillin and doxycycline in non-target species. Auth research committee, project codes: 87038-9 (2 different projects).

Nitrogen and water management in rice fields for water saving and protection of the aquatic environment. Auth research committee, project code: 80862.

Supplementary research for the sustainable use of the water resources of Chalkidiki – Olynthos dam. Auth research committee, project code: 82903.

Environmental impact evaluation of the common agricultural policy measures in the European cotton production section – the case of Greece. Consultant at Leonidas Nicolaou and Associates (subcontractor for Oreade-Breche, France).

A4. Writing and submission of research proposals

Working as Research Fellow, I actively participated in writing, consortium management and submission of the following research proposals that were submitted under the name of Dr. Menelaos Stavrinos, as well as Dr. Ioannis Vogiatzakis who were the Scientific Coordinators.

LIFEforROADS: Improving monitoring and management of Wildlife Vehicle Collisions to enhance biodiversity conservation in Cyprus (LIFE18 GIE/CY/000721). Life Governance and Information projects (OUC budget €470,600). Not funded.

MITEMED: Pest invasion/expansion risk under climate change and innovative integrated strategies for mite management in tomato and strawberry around the Mediterranean basin. PRIMA in the Mediterranean Area: Sustainable farming systems under Mediterranean environmental constraints. (CUT budget €90,000 – Not funded).

ECO-WINERY: Eco-innovation for the production of low environmental footprint wine. Cyprus Research Promotion Foundation RESTART EXCELLENCE CALLS. FY 2018-2021. (€252,961 – selected for funding).

PLANTS SAFE: Herbal essential oils: Potential for development as low-risk pesticides, plant growth promoters and produce sanitizers. Cyprus Research Promotion Foundation RESTART ENTERPRISES CALLS. (€156,000)

534 – selected for funding).

VITIS-RESTART. Eco-innovation for the Cypriot wine sector to address major challenges and offer viable solutions for production and profitability. 2018. Cyprus Research Promotion Foundation RESTART INTEGRATED CALLS. €907,508. Selected for 2nd stage review and ranked third – only first two funded.

PEF-Cy: Eco-innovation for production of low environmental footprint wine to promote eco-friendly and profitable solutions for SME wineries. Cyprus Research Promotion Foundation RESTART POST-DOC CALLS. 2018. €159,967. Co-Coordinator with Dr. Stavrinides. Selected for funding but declined because of overlaps with ECO-WINERY.

PEST-DOC: Studies on the potential of selected herbal essential oils to be used as low-risk pesticides and plant growth promoters. Cyprus Research Promotion Foundation RESTART POST-DOC CALLS. 2018. €159,569. Not funded.

Implementing the EU Product Environmental Footprint philosophy for resource efficient vine and wine industry. 2017. € 1,581,896. LIFE CLIMATE CHANGE project. Not funded.

Increasing the competitiveness of grape products from Mediterranean islands through technological innovations and development of synergies between agriculture and tourism. 2016. €967,237. Greece-Cyprus EU INTERREG PROGRAM. Not funded.

Insect biodiversity in local biotopes in olive groves of Greece, Albania and Cyprus. 2016. €210,000. Partner. BALKAN MED Program. Not funded.

Carbon emissions mitigation for the vine and wine industry. 2016. €1,403,848. Coordinator. LIFE CLIMATE CHANGE Project. Not funded.

Carbon footprint labelling and climate change mitigation measures for Mediterranean vines and wines. 2015. €1,303,516. Coordinator. LIFE CLIMATE CHANGE Project. Not funded.