

**PERSONAL  
INFORMATION**

Vassilis D. Litskas, PhD

📍 11, Valtetsiou, Makedonitissa, Nicosia, 2416, Cyprus

☎ 0035722106279 📠 0035797739081

✉ [litskas@gmail.com](mailto:litskas@gmail.com); [vassilios.litskas@cut.ac.cy](mailto:vassilios.litskas@cut.ac.cy)

🌐 [https://www.researchgate.net/profile/Vassilios\\_Litskas](https://www.researchgate.net/profile/Vassilios_Litskas);  
<https://www.linkedin.com/in/vassilis-litskas-6511b3ba>

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

**WORK EXPERIENCE**

03/2015-PRESENT

**Post Doctoral Researcher**

Cyprus University of Technology, Department of Agricultural Sciences, Biotechnology and Food Science

- GENOMITE Project: New generation sustainable tools to control emerging mite pests under climate change [KOINA/ΓΚΠ-FACCE/1013/10 / GENOMITE] [http://www.accaf.inra.fr/en/Actions-and-Projects/adaptation\\_animal\\_plant\\_health/GenoMite](http://www.accaf.inra.fr/en/Actions-and-Projects/adaptation_animal_plant_health/GenoMite)

01/2013-PRESENT

**Special Scientist**

Cyprus University of Technology, Department of Agricultural Sciences, Biotechnology and Food Science

- Teaching ABF 219 Agrometeorology and ABF 414 Agricultural Machinery and Animal Husbandry Equipment [<http://www.cut.ac.cy/abf/modules/>]

09/2013-05/2015

**Visiting Lecturer – special scientist**

University of Cyprus, Department of Civil and Environmental Engineering

- **Visiting Lecturer (09-12/2014)**. Teaching undergraduate CEE 490-1: Thesis Capstone Project I, II; CEE 383 Environmental Impact Assessment and postgraduate CEE 582 Solid and Hazardous Waste Management.
- **Special Scientist (09/2013-05/2015)** Teaching CEE 383 Environmental Impact Assessment and CEE 491Thesis Capstone Project.

09/2013-05/2015

**Post Doctoral Researcher**

NIREAS IWRC / GAIA LAB for Environmental Engineering

- Research on the fate of xenobiotics in the agricultural environment.
- Assisting in the supervision of M.Sc. and M.Eng. students.

03/2008-01/2013

**Research associate**

Aristotle University of Thessaloniki / Faculty of Veterinary Science / LAB Ecology &amp; Protection of the Environment

- 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.

09/2006-10/2008

### Research associate

Aristotle University of Thessaloniki / Department of Agriculture, LAB General & Agricultural Hydraulics and Reclamation.

- 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

06-07/2007

### Research associate

Consultant at Leonidas Nicolaou and Associates (subcontractor for Oreade-Breche, France).

- Environmental impact evaluation of the common agricultural policy measures in the European cotton production section – the case of Greece.

## EDUCATION AND TRAINING

03/2009-01/2013

### Ph.D.

Ecology and Protection of the Environment Lab., School of Veterinary Science, Aristotle University of Thessaloniki, Greece.

- VICH guidelines for Environmental Impact Assessment of xenobiotics; Liquid chromatography; Environmental chemistry; Adsorption in soil; leaching; degradation in soil/manures; Avermectins.
- <http://www.didaktorika.gr/eadd/handle/10442/29141?locale=en> (Thesis in Greek, English abstract)

10/2005-01/2008

### M.Sc.

Ecology and Sustainable Ecosystem Management, Department of Agriculture, Aristotle University of Thessaloniki, Greece.

- Ecology; Sustainable agriculture; Organic agriculture; NATURA 2000 network; Energy and emissions / carbon footprint; Soil & Water management; Eutrophication; Environmental chemistry.
- <http://ikee.lib.auth.gr/record/106646/files/gri-2008-1576.pdf> (Thesis in Greek, English abstract)

10/2000-07/2005

### Ptychion

Agronomist/ Land reclamation, soil science and agricultural engineering Department of Agriculture, Aristotle University of Thessaloniki, Greece.

- Hydrology, hydraulics; drainage; water quality/ management; land reclamation; soil chemistry; soil physics; soil taxonomy; soil productivity/ fertilizers; agrometeorology; equipment and machinery; greenhouses; facilities.

**PERSONAL SKILLS**

---

MOTHER TONGUE(S) Greek

OTHER LANGUAGE(S) ENGLISH (UNIVERSITY OF MICHIGAN PROFICIENCY IN ENGLISH)

**COMMUNICATION SKILLS**

Interpersonal communication skills (e.g. verbal and non-verbal communication, effective speaking, personal presentation and appearance, listening, writing):

- Gained from my experience as MSc and PhD student as well as through teaching/supervising undergraduate and post graduate students, and participating in multidisciplinary scientific projects/ communicating the results in scientific conferences/ journals.

**ORGANISATIONAL / MANAGERIAL SKILLS**

The following skills were acquired through my education, participation in scientific projects and experience as a post doc researcher as well as a university level teacher:

- Creating and keeping deadlines
- Goal setting and meeting goals
- Teamwork
- Team management
- Problem solving
- Productivity
- Multitasking
- Decision making
- Managing appointments and making schedules.

**DIGITAL COMPETENCE**

- CLIMEX software for modelling species distribution under climatic change
- Statistical software (STATGRAPHICS centurion)
- Office suite (word processor, spread sheet, presentation software)
- DIVA GIS for mapping and studying the effects of climate change on crops

**OTHER SKILLS**

- Laboratory skills
- 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.

DRIVING LICENCE Category B

**ADDITIONAL INFORMATION**

---

## SCIENTIFIC PUBLICATIONS

### ▪ Papers in scientific journals (peer review)

01. Antonios Chrysargyris, Sotiroula Laoutari, **Vassilis D Litskas**, Menelaos C Stavrinides, Nikos Tzortzakis (2016). Effects of water stress on lavender and sage biomass production, essential oil composition and biocidal properties against *Tetranychus urticae* (Koch). *Scientia Horticulturae*, 213: 96-103.
02. Andreas Parpounas, **Vassilis Litskas**, Evroula Hapeshi, Costas Michael and Despo Fatta-Kassinou (2016) Assessing the presence of enrofloxacin and ciprofloxacin in piggery wastewater and of their adsorption behaviour onto solid materials, with a newly developed chromatographic method. Under Review in *Environmental science and pollution research*.
03. **Litskas D. Vassilis**, Batzias C. George, Paraskevas G. Charalambos, Pavlatou-Ve Athina, Karamanlis N. Xanthippos (2016). Mobility of pharmaceutical compounds in the terrestrial environment: adsorption kinetics of the macrocyclic lactone eprinomectin in soils. *Chemosphere*, 144: 1201-1206.
04. **Litskas V.D.**, Aschonitis V.G., Lekakis E.E., Antonopoulos V.Z., 2014. Salt loading effects related to land use and irrigation regime in rice based ecosystems. *Agricultural Water Management*, 132: 30-36.
05. Aschonitis V.G., Antonopoulos V.Z., Lekakis E.H., **Litskas V.D.**, Kotsopoulos S.A., 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): 688 – 698.
06. **Litskas V.D.**, Karamanlis X.N., Batzias G.C., Tsiouris S.E., 2013. Are the parasiticidal avermectins resistant to dissipation in the environment? The case of eprinomectin. *Environment International*, 60: 48 – 55.
07. **Litskas V.D.**, Menexes G.C., Mamolos A.P., Karaolis C.S., Koutsos T.M., Kalburtji K.L., 2012. Variation of energy fluxes and greenhouse gas emissions in vineyards located in Natura 2000 sites. *Ecological Indicators*, 27: 1 – 7.
08. **Litskas V.D.**, Dosis I., Karamanlis X.N., Kamarianos A., 2012. Occurrence of priority organic pollutants (PAHs, OC pesticides and PCBs) in Strymon river catchment (Greece): inland, transitional and coastal waters. *Environmental Science and Pollution Research*, 19(8): 3556 – 3567.
09. **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 near or close to Natura 2000 sites. *Biomass and Bioenergy*, 35: 1302 – 1310.
10. **Litskas V.D.**, Batzias G.C., Karamanlis X.N. and Kamarianos A.P., 2011. Sorption of the veterinary drug eprinomectin in three soils. *Chemosphere*, 82: 193 – 198.
11. **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*, 878: 1537 – 1542.
12. **Litskas V.D.**, Aschonitis V.G. and Antonopoulos V.Z., 2009. 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: 347 - 359.

## SCIENTIFIC PUBLICATIONS

 ■ **Communications in scientific conferences (peer review)**

- 01 **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.
- 02 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.
- 03 **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](http://egme.gr/EGME_PRAKTIKA/PDFS/9_conference/EGME%209o%20proceedings.pdf)
- 04 Sotiroula 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.
- 05 **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](http://barcelona.setac.eu/scientific_programme/tracks_and_sessions/?contentid=854&pr_id=766&last=773&sub=854)
- 06 **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.
- 07 **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]
- 08 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](http://egme.gr/EGME_PRAKTIKA/PDFS/5_conference/5_Proceedings%20EGME%202007_fulltext.pdf)
- 09 Antonopoulos V.Z., **Litskas V.D.**, Aschonitis V.G., Tsiouris S.E. (2007). *Impact of irrigated agriculture on drainage water quality*. Proceedings of the 5th national EGME conference, Larisa, Thessaly pp. 237 – 244 (in Greek, English Abstract).
- 10 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>

## PRESENTATIONS

NIREAS When Ideas Flow Speaker Series “Veterinary medicines in the terrestrial and aquatic environment” 14 Jan 2014  
[http://www.nireas-iwrc.org/?link=speaker\\_series.php&evtcat=6](http://www.nireas-iwrc.org/?link=speaker_series.php&evtcat=6)

## 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 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)

## CITATIONS

- 77 citations (for the publications in peer review journals)  
[https://www.researchgate.net/profile/Vassilios\\_Litskas/stats/citations](https://www.researchgate.net/profile/Vassilios_Litskas/stats/citations)

## REVIEWER

- International J. of Environmental Analytical Chemistry (Taylor & Francis)  
<http://www.tandfonline.com/toc/geac20/current#.UmeyaPnlZvA>
- CLEAN (Wiley) [http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1863-0669](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1863-0669)
- Science of the Total Environment (Elsevier)  
<http://www.journals.elsevier.com/science-of-the-total-environment/>
- Journal of Environmental Chemical Engineering (Elsevier)  
<http://www.journals.elsevier.com/journal-of-environmental-chemical-engineering/>
- Environmental Toxicology and Chemistry (WILEY)  
[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1552-8618](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1552-8618)