

Curriculum Vitae

Name: **Vasilis Demopoulos**

Position: Professor, Department of Agriculture, University of the Peloponnese

Γνωστικό αντικείμενο: **Plant Pathology – Plant Protection Products**

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Studies

1992. **PhD in Agriculture**, Agricultural University of Athens
PhD thesis title: “Exploration of the resistance to triazole fungicides”
1987. **Bachelor of Agriculture**
Higher Agricultural School of Athens - Grade: «Very Good» 8.24

Education

2015. **Panel Leader of Olive Oil Sensory Analysis**
International Course for Panel Leaders on the Sensory Analysis of Virgin Olive Oil
International Olive Council (IOC), Madrid (Spain)
1914. **Panel Leader of Table Olives Sensory Analysis**
2nd International Course for Leaders of Table Olive Tasting Panels
International Olive Council (IOC), Madrid (Spain)

Academic Experience

- 2023 - Professor, Department of Agriculture, University of the Peloponnese
- 2019 - 2023 Associate Professor, Department of Agriculture, University of the Peloponnese
- 2015 - 2019 Associate Professor, Department of Agricultural Technologies, Technological Education Institute of the Peloponnese
- 2007 - 2015 Assistant Professor, Department of Agricultural Technologies, Technological Education Institute of the Peloponnese

Privet Sector experience

- 2004 - 2018 Scientific Coordinator at the “Kalamata Agricultural Institute”
- 1998 - 2004 Scientific Coordinator at the “Agricultural Institute of the Municipality of Filiatra”

Publications: 24

Publications (last 5 years)

2023. Kottaridi K., A. Milionis, A. Rigakou, **V. Demopoulos** and V. Nikolaidis, 2022. A Regression Analysis Method for the Prediction of Olive Oil Sensory Attributes, Journal of Agriculture and Food Research, (submitted)

2023. Skouras P., E. Karanastasi, **V. Demopoulos**, M. Mprokaki, G. Stathas and J. Margaritopoulos, 2023. Toxicity and influence of sulfoxaflor on the aphidophagous predator *Hippodamia variegata* (Coleoptera: Coccinellidae), *Chemosphere*, (submitted)
2022. Skouras P., **V. Demopoulos**, M. Mprokaki, K. Anagnostelis, A. Darras, V. Stournaras, C. Delis and G. Stathas, 2022. Relative toxicity of two insecticides to *Coccinella septempunctata* and *Hippodamia variegata* (Coleoptera: Coccinellidae): Implications for Integrated Management of the aphids *Myzus persicae* and *Aphis fabae* (Hemiptera: Aphididae), *Phytoparasitica*, 50(1), 141-150
2021. Kottaridi K., **V. Demopoulos**, A. Sidiropoulos, D. Ihara, V. Nikolaidis and D. Antonopoulos, 2021. A risk assessment tool for the contamination of aflatoxins on dried figs based on machine learning algorithms, *International Journal of Nutrition and Food Engineering*, 15(12), 159-168
2021. Skouras P., A. Darras, M. Mprokaki, **V. Demopoulos**, J. Margaritopoulos, C. Delis and G. Stathas, 2021. Toxicity, sublethal and low dose effects of imidacloprid and deltamethrin on the aphidophagous predator *Ceratomegilla undecimnotata*, *Insects*, 12, 696-712. Citations: 6 (Scopus), 8 (Scholar)
2019. Skouras P., G. Stathas, **V. Demopoulos**, G. Louloudakis and J. Margaritopoulos, 2019. The effect of five insecticides on the predators *Coccinella septempunctata* and *Hippodamia variegata*, *Phytoparasitica*, 47, 197-205. Citations: 5 (Scopus)
2019. Skouras P., M. Mprokaki, G. Stathas, **V. Demopoulos**, G. Louloudakis and J. Margaritopoulos, 2019. Lethal and sub-lethal effects of imidacloprid on the aphidophagous coccinellid *Hippodamia variegata*. *Chemosphere*, 229, 392-400. Citations: 22 (Scopus), 23 (Scholar)
2017. Manolopoulou E., E. Tsiavtari and **V. Demopoulos**, 2017. Sun drying and hot air drying of figs: performance evaluation. *Acta Horticulturae*, 1173, 59-66. Citations: 3 (Scopus), 5 (Scholar)
2017. Kotsiras A., T. Amorgianiotis, E. Tsiavtari, D. Antonopoulos and **V. Demopoulos**, 2017. GIS based soil suitability evaluation for fig orchards in Southern Peloponnese, Greece. *Acta Horticulturae*, 1173, 207-212
2017. Darras A., A. Kotsiras, C. Delis, K. Nifakos, E. Pavlakos and **V. Demopoulos**, 2017. Reaction of the native Greek tomato varieties 'Chondrokatsari Messinias' and 'Katsari Santorinis' to *Fusarium oxysporum* f.sp. *lycopersici* and *Rhizoctonia solani* infection. *Hellenic Plant Protection Journal*, 10, 70-79. Citations: 3(Scopus), 3 (Scholar)

Conference Papers: 39

Conference Papers (last 5 years)

2022. **Demopoulos, V.**, The strategic management of anthracnose disease of olive cultivation in the Region of the Peloponnese. 20th Panhellenic Phytopathological Conference, Thessaloniki, Book of Abstracts, p. 94
2022. Angeli C., Nifakos K., Papamanoli D., Kapoutsou D., Tsalgatidou P., Tsafouros A., Venieraki A., Tsaniklidis G., Katinakis P., Delis C. and **Demopoulos V.**, Study of virulence of four strains of the genus *Colletotrichum* spp. in twelve olive cultivars of the Region of Peloponnese. 20th Panhellenic Phytopathological Conference, Thessaloniki, Book of Abstracts, p. 93
2022. Kapoutsou D., Nifakos K., Tsalgatidou P., Angeli C., Skouras P., Tsafouros A., Venieraki A., Katinakis P., **Demopoulos V.** and Delis C. Phylogenetic analysis of *Colletotrichum* strains isolated from Messinian trees *Olea europea* var. *Koroineiki*. 20th Panhellenic Phytopathological Conference, Thessaloniki, Book of Abstracts, p. 144
2022. Tsafouros A., Angeli C., Tsalgatidou P., Nifakos K., Perdikari M., Skouras P., Tsaniklidis G., Katinakis P., Delis C. and **Demopoulos V.** Relation of Koroneiki olive fruits' maturity index from Peloponnese areas to virulence of different *Colletotrichum* spp. strains. 20th Panhellenic Phytopathological Conference, Thessaloniki, Book of Abstracts, p. 158
2022. Perdikari M., Angeli C., Skouras P., Tsalgatidou P., Tsafouros A. and **Demopoulos V.** Exploration of the susceptibility of *Colletotrichum* spp. strains to strobilurins. 20th Panhellenic Phytopathological Conference, Thessaloniki, Book of Abstracts, p. 210
2022. Skouras P., Perdikari M., Angeli C., Tsalgatidou P., Tsafouros A. and **Demopoulos V.** Correlation between the presence of olive anthracnose and olive fruit fly infestation. 20th Panhellenic Phytopathological Conference, Thessaloniki, Book of Abstracts, p. 153
2022. Skouras P., Karanastasi E., Mprokaki M., Stathas G., **Demopoulos V.** and Margaritopoulos J. Lethal and sub-lethal effects of sulfoxaflor on the aphidophagous coccinellid *Hippodamia variegata* (Coleoptera: Coccinellidae). 19th Panhellenic Entomological Conference, Agrinio, Book of Abstracts, p. 63
2022. Skouras P., Karanastasi E., Stathas G., **Demopoulos V.** and Margaritopoulos J. Effect of sulfoxaflor on the predator *Coccinella septempunctata* (Coleoptera: Coccinellidae). 19th Panhellenic Entomological Conference, Agrinio, Book of Abstracts, p. 64

2019. Skouras P., Mprokaki M., Louloudakis G., Stathas G., **Demopoulos V.** and Margaritopoulos J. Toxicity and sub-lethal effect of imidacloprid on the predator insect *Hippodamia variegata* (Coleoptera: Coccinellidae). 18th Panhellenic Entomological Conference, Komotini, Book of Abstracts, p. 174
2019. Skouras P., Mprokaki M., Louloudakis G., Stathas G., **Demopoulos V.** and Margaritopoulos J. Toxicity and sub-lethal effect of deltamethrin on the predator insect *Coccinella septempunctata* (Coleoptera: Coccinellidae). 18th Panhellenic Entomological Conference, Komotini, Book of Abstracts, p. 175
2019. Skouras P., Mprokaki M., Louloudakis G., Stathas G., **Demopoulos V.** and Margaritopoulos J. Toxicity and sub-lethal effect of imidacloprid and deltamethrin on the predator insect *Ceratomegilla undecimnotata* (Coleoptera: Coccinellidae). 18th Panhellenic Entomological Conference, Komotini, Book of Abstracts, p. 176
2018. **Demopoulos V.**, Antonopoulos D. and Tsiavtari E. *Aspergillus* spp. infection of dried figs at the drying areas of fig orchards in Messinia, Greece. 19th Panhellenic Phytopathological Conference, Athens, Book of Abstracts, p. 111
2018. Antonopoulos D., **Demopoulos V.**, Tsachansachis P. and Delis C. Influence of drying methods on aflatoxin contamination of figs. 19th Panhellenic Phytopathological Conference, Athens, Book of Abstracts, p. 190
2018. **Demopoulos V.**, Antonopoulos D and Christopoulos F. Effect of three fungicides on linear growth, conidiogenesis and aflatoxigenic ability of *Aspergillus* spp. strains. 19th Panhellenic Phytopathological Conference, Athens, Book of Abstracts, p. 193

Research Programs

- 2020 - 2023 **The strategic management of anthracnose disease of olive cultivation in the Region of the Peloponnese**, Program «Competitiveness, Entrepreneurship and Innovation», National Strategic Reference Framework 2014–2020, Budget: 735,000 €
Scientific Coordinator: **V. Demopoulos**
- 2013 - 2015 **Strategic management of the problem of aflatoxins in dried figs in the context of an integrated management of fig tree cultivation**, Program «Archimedes III», Technological Educational Institute of Kalamata, Budget: 90,000 €
Scientific Coordinator: **V. Demopoulos**

Extension Services

- 2015 - 2029 **Olive Oil Tasting**: Education and consulting services in olive oil tasting to individuals, companies, private and public national and international organizations. Budget: 550,000 €
Scientific Coordinator: **V. Demopoulos**
- 2024 - 2025 **Υπηρεσίες Εφαρμοσμένης Γεωπονίας**: Συμβουλευτική λίπανσης και φυτοπροστασίας. Budget: 11,200 €
Scientific Coordinator: A. Kotsiras
- 2022 - 2023 **Olive Oil Tasting**: Center for Education and Lifelong Learning, University of the Peloponnese. Budget: 15,000 €
Scientific Coordinator: **V. Demopoulos**

Teaching

Teaching in Undergraduate Study Programs

- 2019 - **Department of Agriculture, University of the Peloponnese**
General Plant Pathology, Agricultural Pesticides, Specialized Plant Pathology, Olive Oil Tasting

Diploma Thesis

- 2019 - Department of Agriculture, University of the Peloponnese 18

Teaching in Postgraduate Study Programs

- 2019 - 2024 Technology and Quality of Table Olives and Olive
Department of Food Science and Technology, University of the Peloponnese
- 2021 - 2023 Business Administration in the Agri-Food Sector
Department of Agriculture & Department of Economics, University of the Peloponnese
- 2015 - 2020 Controlled Environment Agriculture – Hydroponics
Department of Agricultural Technology, Technological Educational Institute of the Peloponnese

Supervisor of doctoral thesis, Department of Agriculture

- 2020 - **Klimentia Kottaridi**, Computer Engineer
Application of machine learning methods for the prediction of plant diseases and quality of agricultural products
- 2021 - **Anna Milionis**, Linguist
The linguistic description of the olive oil defect caused by the disease of anthracnose
- 2021 - **Maria Perdikari**, Agronomist
Investigation of the possibility of developing biological methods for the treatment of anthracnose disease in the olive groves of Peloponnese

Book

2010. **Plant Protection Products: forms of actions and applications in Greece**
Vasilis Demopoulos
"Embryo Publications" ISBN 978– 960– 8002– 60– 9,nt Gazette 06/09/10, Ap. Φυλ. 1458 B (p. 23975)

Management Duties (last 10 years)

- 2019 - 2023 Head of the Department of Agriculture, University of the Peloponnese
- 2019 - 2023 Member of Committee of the Special Account for Research Funds, University of the Peloponnese
- 2013 - 2019 Scientific Coordinator, Office of International Relations, and European Programs, Technological Educational Institute of the Peloponnese

Organization – Management of Laboratories

- 2015 - **Kalamata Olive Oil Taste Laboratory**, University of the Peloponnese
Greek Government Gazette 876/25.02.2022. ISO 17025 accredited for the sensory analysis of olive oil and table olives. Recognized by the International Olive Council, Extension Services
Director: **V. Demopoulos**
- 2008 - **Laboratory of Plant Pathology**, University of the Peloponnese
Director: **V. Demopoulos**
- 2004 - 2018 **Agricultural Institute of Kalamata**, private sector
Scientific Coordinators: **V. Demopoulos** and A. Kotsiras
- 1998 - 2004 **Agricultural Institute of the Municipality of Filiatra**, private sector
Scientific Coordinators: **V. Demopoulos** and A. Kotsiras

Instrumentation and Methodologies

Knowledge of handling all necessary laboratory equipment for the cultivation and study of phytopathogenic microorganisms, gas and liquid chromatography (GC, HPLC), spectrophotometry, electrophoresis (SDS-PAGE), atomic absorption, nitrogen digestion (Kjeldahl), ELISA.

Expertise in the laboratory techniques and methodologies related to the isolation and cultivation of phytopathogenic microorganisms, the study of plant protection products, the determination of inorganic elements in various substrates (soil, water, plant tissues), the determination of aflatoxins in agricultural products, the organoleptic analysis of olive oil and table olive.