**CURRICULUM VITAE**

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**ACADEMIC QUALIFICATIONS**

1. **Degree** in **Agriculture**. Department of Agriculture, University of Thessaloniki, Greece.

2. **MSc** in **Genetics, Plant Breeding** and **Agronomy**. Department of Agriculture, Aristotle University of Thessaloniki, Greece.

3. **PhD** in **Weed Science**. Department of Agriculture, Aristotle University of Thessaloniki, Greece.

**Foreign language**

* First Certificate in English (University of Cambridge)

**PAST AND PRESENT EMPLOYMENT**

# 1. Department of Plant Production. Technological Educational Institute of West Macedonia, Greece

* Teaching Weed Science Principles and Agronomy (2000-2003)

# 2. Department of Plant Production. Technological Educational Institute of Thessaloniki, Greece.

* Teaching Agronomy (2000-2002)

# 3. Department of Agriculture Crop Production and Rural Environment, University of Thessaly

* Teaching Weeds Biology and Weed Science (2009-2010)

# 4. Department of Agricultural Development, Democritus University of Thrace

* Teaching Agronomy (2009)

# 5. Department of Plant Production. Technological Educational Institute of Larissa, Greece.

* Assistant Professor of Weed Science (2003 -2013)

6. Department of Agricultural Technology. Technological Educational Institute of Thessaly, Greece

* Associate Professor of Weed Science (2013 - 2017)
* Professor of Weed Science (2017 - present).

**EXPERIENCE IN PROPOSALS**

* Coordinator of a research program within ARCHIMEDIS II entitled: ‘Weed control using aromatic plants and essential oils in the framework of Integrated Management of Agricultural Production and Organic Agriculture’.
* Member of the main scientific group in a research program within ARCHIMIDIS III entitled: ‘Assessment of resistance to stress conditions (drought, salinity) of old and very rare barley genetic material for the exploitation of problematic agricultural areas’.
* Principal investigator or member of a research team in 13 other research projects.

**PUBLICATIONS**

***Books***

#### Vasilakoglou, I. 2012. Modern Weed Science. 2nd edition. Stamoulis Publidhing, Athens, p. 488 (in Greek).

#### Vasilakoglou, I. 2015. Plant Systematic. Grammino Publishing, Larissa, p. 252 (in Greek).

#### Vasilakoglou, I. And K. Dhima. 2017. Weeds – Modern identification and control guide. Modern Education Publishing, Thessaloniki, p. 647 (in Greek).

## ***Science Citation Index Journals (more than 700 citations, h-index 14)***

1. **Vasilakoglou, I.B.** and I.G. Eleftherohorinos. 1997. Activity, adsorption, mobility, efficacy, and field persistence of alachlor as affected by formulation. **Weed Science** 45:579-585.
2. Eleftherohorinos, I.G., **I.B. Vasilakoglou**, and K.V. Dhima. 2000. Metribuzin resistance in *Amaranthus retroflexus* and *Chenopodium album* found in Greece. **Weed Science** 48:69-74.
3. **Vasilakoglou, I.B.**, I.G. Eleftherohorinos, and K.V. Dhima. 2000. Propanil-resistant barnyardgrass (*Echinochloa crus-galli*) biotypes found in Greece. **Weed Technology** 14:524-529.
4. Dhima, K.V., I.G. Eleftherohorinos, and **I.B. Vasilakoglou**. 2000. Interference between *Avena sterilis*, *Phalaris minor* and five barley cultivars. **Weed Research** 40:549-559.
5. **Vasilakoglou, I.B.**, I.G. Eleftherohorinos, and K.V. Dhima. 2001. Activity, adsorption and mobility of three acetanilide and two new amide herbicides. **Weed Research** 41:535-546.
6. Eleftherohorinos, I.G., K.V. Dhima, and **I.B. Vasilakoglou**. 2002. Interference of red rice in rice grown in Greece. **Weed Science** 50:167-172.
7. **Vasilakoglou. I.B.** and I.G. Eleftherohorinos. 2003. Persistence, efficacy and selectivity of amide herbicides in corn. **Weed Technology** 17:381-388.
8. Hatzinikolaou, A., I.G. Eleftherohorinos, and **I.B. Vasilakoglou**. 2004. Influence of Formulation on the Activity and Persistence of Pendimethalin. **Weed Technology** 18:397-403.
9. Eleftherohorinos, I., K. Dhima, and **I. Vasilakoglou**. 2004. Activity, Adsorption, Mobility, and Field Persistence of Sulfosulfuron in soil. **Phytoparasitica** 32:274-285.
10. **Vasilakoglou, I.**, K. Dhima, and I. Eleftherohorinos. 2005. Allelopathic potential of bermudagrass and johnsongrass and their interference with cotton and corn. **Agronomy Journal** 97:303-313.
11. **Vasilakoglou, I.** and K. Dhima. 2005. Red rice (*Oryza sativa* L.) and barnyardgrass (*Echinochloa* spp.) biotype susceptibility to postemergence applied imazamox. **Weed Biology and Management** 5:46-52.
12. Dhima, K.V., **I.V. Vasilakoglou**, I.G. Eleftherohorinos, and A. Lithourgidis. 2006. Allelopathic Potential of Winter Cereals and their Cover Crop Mulch Effect on Grass Weed Suppression and Corn Development. **Crop Science** 46:345-352.
13. **Vasilakoglou, I.**, K. Dhima, and I. Eleftherohorinos. 2006. Hoary cress (*Cardaria draba*) control in winter wheat with postemergence herbicides. **Weed Technology** 20:585-592.
14. Lithourgidis, A., K. Dhima, C. Damalas, **I. Vasilakoglou**, and I. Eleftherohorinos. 2006. Tillage effects on wheat emergence and yield at varying rates, and on labor and fuel consumption. **Crop Science** 46:1187-1192.
15. Dhima, K.V., **I.V. Vasilakoglou**, I.G. Eleftherohorinos, and A. Lithourgidis. 2006. Allelopathic Potential of Winter Cereals and their Cover Crop Mulch Effect on Grass Weed Suppression and Sugar Beet Development. **Crop Science** 46:1682-1691.
16. Dhima, K., **I. Vasilakoglou**, A. Lithourgidis, S. Papadopoulou, and I. Eleftherohorinos. 2006. Tillage system effects on competition between barley and sterile oat. **Agronomy Journal** 98:1023-1029.
17. Lithourgidis, A., **I. Vasilakoglou**, K. Dhima, M. Yiakoulaki, and C. Dordas. 2006. Forage yield and quality of common vetch mixtures with oat and triticale in two seeding ratios. **Field Crops Research** 99:106-113.
18. **Vasilakoglou, I.**, K. Dhima, I. Eleftherohorinos, and A. Lithourgidis. 2006. Winter cereal cover crop mulches and row-middle cultivation effects on cotton development and grass weed suppression. **Agronomy Journal** 98:1290-1297.
19. Dhima, K.V., A.S. Lithourgidis, **I.B. Vasilakoglou**, and C.A. Dordas. 2007. Competition indices of common vetch and cereal intercrops in two seeding ratio. **Field Crops Research** 100:249-256.
20. Lithourgidis, A., K. Dhima, **I. Vasilakoglou**, C. Dordas, and M. Yiakoulaki. 2007. Sustainable production of barley and wheat by intercropping with common vetch. **Agronomy for Sustainable Development** 27:95-99.
21. Chouliaras, N., F. Gravanis, **I. Vasilakoglou**, N. Gougoulias, I. Vagelas, T. Kapotis, and E. Wogiatzi. 2007. The effect of basil (*Ocimum basilicum* L.) on soil organic matter biodegradation and other soil chemical properties. **Journal of the Science of Food and Agriculture** 87:2416-2419.
22. **Vasilakoglou**, I. K. Dhima, E. Wogiatzi, I. Eleftherohorinos, and A. Lithourgidis. 2007. Herbicidal potential of essential oils of oregano or marjoram (*Origanum* spp.) and basil (*Ocimum basilicum*) on *Echinochloa crus-galli* (L.) P. Beauv. and *Chenopodium album* L. weeds. **Allelopathy Journal** 20:297-306.
23. Dhima, K., I. **Vasilakoglou**, A. Lithourgidis, E. Mecolari, R. Keco, X. Agolli, and I. Eleftherohorinos. 2008. Phytotoxicity of 10 winter barley varieties and their competitive ability against common poppy and ivy-leaved speedwell. **Experimental Agriculture** 44:385-397.
24. Papageorgiou, I., I.G. Eleftherohorinos, and I.B. **Vasilakoglou**. 2008. Tillage implement effects on herbicide efficacy and yield of cotton grown under sprinklers or drip irrigation system. **Weed Biology and Management** 8:201-208.
25. **Vasilakoglou**, I. K. Dhima, A. Lithourgidis, and I. Eleftherohorinos. 2008. Competitive ability of winter cereal-common vetch intercrops against sterile oat. **Experimental Agriculture** 44:509-520.
26. **Vasilakoglou**, I. and K.Dhima. 2008. Forage yield and competition indices of berseem clover intercropped with barley. **Agronomy Journal** 100:1749-1756.
27. Dhima, K., I. **Vasilakoglou**, Th.D. Gatsis, E. Panou-Philotheou, and I. Eleftherohorinos. 2009. Effects of aromatic plants incorporated as green manure on weed and maize development. **Field Crops Research** 110:235-241.
28. Huqi, B., K. Dhima, I. **Vasilakoglou**, R. Keco, and F. Salaku. 2009. Weed flora and weed management in established olive groves in Albania. **Weed Biology and Management** 9:276-285.
29. **Vasilakoglou**, I. K. Dhima, A. Lithourgidis, and I. Eleftherohorinos. 2009. Allelopathic potential of 50 barley cultivars and herbicidal effects of barley extract. **Allelopathy Journal** 24:309-320.
30. Gougoulias, N., I. Vagelas, **I. Vasilakoglou**, F. Gravanis, A. Louka, E. Wogiatzi, and N. Chouliaras. 2010. Comparison of neem or oregano with thiramon organic matter decomposition of a sand loam soil amended with compost, and on soil biological activity. **Journal of the Science of Food and Agriculture** 90:286-290.
31. Dhima, K., I. **Vasilakoglou**, Th. Gatsis, and I. Eleftherohorinos. 2010. Competitive interactions of fifty barley cultivars with *Avena sterilis* and *Asperugo procumbens*. **Field Crops Research** 117:90-100.
32. **Vasilakoglou, I.**, K. Dhima,N. Karagiannidis, Th. Gatsis, and K. Petrotos. 2010. Competitive Ability and phytotoxic potential of four winter canola hybrids as affected by nitrogen supply. **Crop Science** 50:1011-1021.
33. Dhima, K., I. **Vasilakoglou**, V. Garane, Ch. Ritzoulis, V. Liannopoulou, and E. Panou-Philotheou. 2010. Competitiveness and essential oil phytotoxicity of seven annual aromatic plants. **Weed Science** 58:457-465.
34. **Vasilakoglou, I.**, K. Dhima,N. Karagiannidis, and Th. Gatsis. 2010. Sweet sorghum productivity for biofuels under increased soil salinity and reduced irrigation. **Field** **Crops Research** 120:38-46.
35. **Vasilakoglou, I.**,K. Dhima, E. Anastassopoulos, A. Lithourgidis, N. Gougoulias, and N. Chouliaras. 2010. Oregano mulches for weed suppression in sustainable cotton and corn fields. **Weed Biology and Management** 11:38-48.
36. **Vasilakoglou, I.** and K. Dhima. 2012. Leafy and semi-leafless field pea competition with winter wild oat as affected by weed density. **Field** **Crops Research** 126:130-136.
37. Dhima, K., **I. Vasilakoglou**, K. Paschalidis, Th. Gatsis, and R. Keco. 2012. Productivity and allelopathic potential of six sunflower hybrids and their residues effects on rotated lentil and ivy-leaved speedwell. **Field Crops Research** 136:42-51.
38. **Vasilakoglou, I.**, K. Dhima, K. Paschalidis, and Ch. Ritzoulis. 2013. Herbicidal potential on *Lolium rigidum* of nineteen major essential oil components and their synergy. **Journal of Essential Oil research** 25:1-10.
39. **Vasilakoglou, I.**, K. Dhima, K. Paschalidis, Th. Gatsis, K. Zacharis, and M. Galanis. 2013. Field bindweed (*Convolvulus arvensis*) and redroot pigweed (*Amaranthus retroflexus*) control in potato by flumioxazin and sulfosulfuron. **Chilean Journal of Agricultural research** 73:24-30.
40. **Vasilakoglou, I.**, D. Vlachostergios, K. Dhima, and A. Lithourgidis. 2013.Response of vetch, lentil, chickpea and red pea to pre- or post-emergence applied herbicides. **Spanish Journal of Agricultural Research** 11:1101-1111.
41. Gitsopoulos, Th., **I. Vasilakoglou**, and G. Tsoktouridis. 2013. *Persicaria amphibia*, a serious terrestrial weed in Northern Greece: a combined molecular and morphological approach to identification and taxonomy. **Biotechnology and Biotechnological Equipment** 27: 4236-4242.
42. **Vasilakoglou, I.** and K. Dhima. 2014. Potential of two cardoon varieties to produced biomass and oil under reduced irrigation and weed control inputs. **Biomass and Bioenergy** 63:177-186.
43. Dhima, K., **I. Vasilakoglou**, R. Keco, A. Dima, Th. Gatsis, and K. Paschalidis. 2014. Forage yield and competition indices of faba bean intercropped with oat. **Grass and Forage Science** 69:376-383.
44. **Vasilakoglou**, I. D. Kalfountzos, N. Gougoulias and Ch. Reppas. 2015. Productivity of two stevia varieties under reduced irrigation and fertilization inputs. **Archives of Agronomy and Soil Science** 62:457-472.
45. Dhima, K., **I. Vasilakoglou**, S. Stefanou, T. Gatsis, S. Agelopoulos and I. Eleftherohorinos. 2016. Differential competitive and allelopathic ability of *Cyperus rotundus* on *Solanum* l*ycopersicum*, *Solanum melongena* and *Capsicum annuum*. **Archives of Agronomy and Soil Science** 62:1250-1263.
46. Dhima, K., **I. Vasilakoglou**, T. Gatsis and N. Gougoulias. 2016. Faba bean-barley intercrops for high productivity and corn poppy suppression. **Experimental Agriculture** (in press)

***Other International Journals***

1. Dhima, K., **I. Vasilakoglou**,S. Stefanou and I. Eleftherohorinos. 2015. Effect of cultivar, irrigation and nitrogen fertilization on chickpea (*Cicer arientinum* L.) productivity. **Agricultural Sciences** 6:1187-1194.

***Proceedings***

1. Eleftherohorinos, I.G.and **I.B Vasilakoglou**. 2002. Alternatives to methyl bromide for control of annual and perennial weeds. *Proceedings* onthe *International Conference on Alternatives to Methyl Bromide*. Sevilla, Spain 5-8 March 2002, 257-261.
2. Dhima, K., **I. Vasilakoglou**, I. Eleftherohorinos, and A. Lithourgidis. 2005. Annual grass weed control in cotton by cereal cover crop mulches. Proceedings of 13th Symposium of European Weed Research Society. June 18-23, 2005, Bari, Italy, Session 5.
3. **Vasilakoglou, I.**, A. Lithourgidis and K. Dhima. 2005. Assessing common vetch-cereal intercrops for suppression of wild oat. Proceedings of 13th Symposium of European Weed Research Society. June 18-23, 2005, Bari, Italy, Session 5.
4. Lithourgidis, A.S., K.V. Dhima, **I.B. Vasilakoglou**,and C.A. Dordas. 2006. Protein yield advantage of common vetch and cereal intercrops over sole crops. The Book of Proceedings of IX ESA Congress. Poland, September 5, 2006, Division 5. Bibliotheca Fragmenta Aronomica 11/2006, p. 551-552.
5. Makky, M., K.A. Paschalidis, P. Soni, A. Manganaris, K. Dhima, **I. Vassilakoglou**, G. Mangganaris. 2014. Tomato fruits (Solanaceae *Lycopersicon esculentum* Mill.) feedback mechanism in the presence of exogenous ethylene under prolonged chilling temperature storage. International Conference on Food Sciences, Earth Sciences and Manufacturing (ICFSEM-2014), May 18-19, Bangkok, Thailand.
6. Dordas, C. K. Dhima, **I. Vasilakoglou**, K. Paschalidis, I. Ilias, N. Karagiannidis, T. Gatsis, A. Giannakoula. G. Tanou, and V. Skiada. 2015. Evaluation of barley cultivars for their tolerance to salinity under field conditions for utilization to saline soils. Proceedings of Agriculture and Climate Change Congress. Adapting Crops to Increased Uncertainty.February 15-17, 2015. NH Grand Krasnapolsky Hotel, Amsterdam, The Netherlands (poster section).
7. Tsoktouridis, G., K. Dhima, **I. Vasilakoglou**,and T.K. Gitsopoulos. 2015. Morphological and molecular characterization of 15 *Echinochloa* biotypes based on the intergenic spacer of *psbK-psbl* genes of cpDNA. Proceedings of the Workshop (optimizing herbicide use in an integrated weed management (IWM) context) of the European Weed Research Society. March 5-6, 2015, Heraklion, Greece (poster section).

***Patents***

* Petrotos, K., **I. Vasilakoglou**, P. Goutsidis, F. Karkanda, A. Lazaridou and K. Symeonidou. 2013. Natural herbicide based on essential oils in the form of wettable powder. Industrial Property Organization (patent number: 1008057)

# **ACADEMIC ACTIVITIES**

***Teaching undergraduate students***

* Weed Science Principles (2001-present)
* Plant Systematics (2003-present)
* Plant Physiology (2011-present)
* Pesticides (2004-present)
* Agronomy (2008-2009).

***Teaching undergraduate students***

* Applied physiology and integrated crop production (2015-present)
* Physiology and biochemistry of herbicides action (2015-present)
* Plant response to biotic and abiotic stress (2016)
* Management of pest and pathogens resistance (2016)
* Systems of sustainable production (2017)

***Research guidance***

* 65 undergraduate theses
* 5 postgraduate theses
* 1 PhD theses

***Member in Journal’s Editorial Board***

* International Scholarly Research Network (ISRN) Agronomy (2011-2013).
* International Journal of Agronomy (2012-2013)
* American Journal of Experimental Agriculture (2012-2013)

***Reviewing***

* 81 manuscripts submitted in 32 international journals

***Certified assessor***

* 5 proposals of the program 'Support for researchers with emphasis on young researchers', the NSRF - Human Resource Development, Education and Lifelong Learning
* 2 proposals for the 1st Call for Proposals for Research Projects ELIDEK for the support of Research Councilors, the Thematic Committee for Evaluation of Agricultural Sciences, the Hellenic Foundation for Research and Innovation (ELIDEK)

***Research* *in:***

* Crop allelopathic potential
* Tillage systems
* Intercropps
* Weed biology and ecology
* Weed interference
* Weed management in field, vegetable and tree crops
* Adsorption, leaching, persistence, activity, and selectivity of herbicides
* Herbicide resistant weeds and their resistance mechanisms
* Abiotic stress

# **MEMBERSHIP IN PROFESSIONAL SCIENTIFIC SOCIETIES**

* Weed Science Society of Greece
* Genetics and Plant Breeding Society of Greece
* International Allelopathy Foundation

##### American Society of Agronomy

* Crop Science Society of America

##### Weed Science Society of America

##### Weed Science Society of Japan

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<https://www.researchgate.net/profile/Ioannis_Vasilakoglou>