

CURRICULUM VITAE



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ACADEMIC QUALIFICATIONS

1. **Degree in Agriculture.** School of Agriculture, Aristotle University of Thessaloniki, Greece.
2. **MSc in Plant Breeding and Agronomy.** School of Agriculture, Aristotle University of Thessaloniki, Greece.
3. **PhD in Weed Science.** University of Reading, UK.

PAST AND PRESENT EMPLOYMENT

Laboratory of Agronomy, School of Agriculture, Aristotle University of Thessaloniki, Greece

1. Graduate teaching assistant of Agronomy (1977-1986)
2. Lecturer of Weed Science (1986-1989)
3. Assistant Professor of Weed Science (1989-1993)
4. Associate Professor of Weed Science (1993-1997)
5. Professor of Weed Science (1997)
6. Professor Emeritus of Weed Science (2015....)

PUBLICATIONS

88 in Peer-reviewed Journals (Science Citation Index)

1. **Eleftherohorinos, I.G. 1987.** Phytotoxicity and persistence of chlorsulfuron as affected by activated charcoal. *Weed Research* 27:443-452.
2. **Eleftherohorinos, I.G. and E. Kotoula-Syka. 1989.** Field persistence of chlorsulfuron and DPX-L5300 in relation to rotational crops. *Weed Research* 29:127-134.
3. **Kotoula-Syka, E. and I.G. Eleftherohorinos. 1991.** *Orobanche ramosa* L. (Broomrape) control in tomato (*Lycopersicon esculentum* Mill) with chlorsulfuron, glyphosate and imazaquin. *Weed Research* 31:19-27.
4. **Kotoula-Syka, E., I.G. Eleftherohorinos, A.A. Gagianas and A.G. Sfikas. 1993.** Persistence of preemergence applications of chlorsulfuron, metsulfuron, triasulfuron, and tribenuron in three soils in Greece. *Weed Science* 41:246-250.
5. **Kotoula-Syka, E., I.G. Eleftherohorinos, A.A. Gagianas and A.G. Sfikas. 1993.** Phytotoxicity and persistence of chlorsulfuron, metsulfuron methyl, triasulfuron and tribenuron methyl in three soils. *Weed Research* 33:1-13.
6. **Eleftherohorinos, I.G., C.E. Bell and E. Kotoula-Syka. 1993.** Silverleaf nightshade (*Solanum elaeagnifolium*) control with foliar herbicides. *Weed Technology* 7:808-811.
7. **Haitas, V.C., E. Kotoula-Syka and I.G. Eleftherohorinos. 1995.** Influence of propaquizafop application rate and time on *Sorghum halepense* (L) Pers. control and cotton (*Gossypium hirsutum*) yield. *Weed Research* 35:1-6.

8. **Eleftherohorinos, I.G.** and E. Kotoula-Syka. **1995.** Influence of herbicide application rate and timings for post-emergence control of *Sorghum halepense* (L.) Pers. in maize. *Weed Research* 35:99-103.
9. Afentouli, C.G. and **I.G. Eleftherohorinos.** **1996.** Littleseed canarygrass (*Phalaris minor*) and short-spiked canarygrass (*Phalaris brachystachys*) interference in wheat and barley. *Weed Science* 44:560-565.
10. 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.
11. Katis N.J., G. Kokinis, **I. Eleftherohorinos** and P. Jones. **1997.** Arable weeds identified as new sources of beet mosaic potyvirus in Greece. *Annals of Applied Biology* 130:255-260.
12. Afentouli, C.G. and **I.G. Eleftherohorinos.** **1999.** Competition between wheat and canarygrass biotypes and their response to herbicides. *Weed Science* 47:55-61.
13. **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.
14. Dhima, K.V., **I.G. Eleftherohorinos** and I.B. Vasilakoglou. **2000.** Interference between *Avena sterilis*, *Phalaris minor* and five barley cultivars. *Weed Research*. 40:549-560.
15. 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.
16. Chatzivassiliou E.K., I. Boubourakas, E. Drossos, **I. Eleftherohorinos,** G. Jenser, D. Peters and N.I. Katis. **2001.** Weeds in greenhouse and tobacco fields are differently infected by tomato spotted wilt virus and infested by its vector species. *Plant Disease* 85:40-46.
17. Dhima, K.V. and **I.G. Eleftherohorinos.** **2001.** Influence of nitrogen on competition between winter cereals and sterile oat. *Weed Science* 49:77-82.
18. Damalas, C.A. and **I.G. Eleftherohorinos.** **2001.** Dicamba and atrazine antagonism on sulfonylurea herbicides used for johnsongrass (*Sorghum halepense*) control in corn (*Zea mays*). *Weed Technology* 15:62-67.
19. Vasilakoglou, I.B., **I.G. Eleftherohorinos** and K.V. Dhima. **2001.** Activity, adsorption and mobility of three acetanilide and two amide herbicides. *Weed Research* 41:535-546.
20. Papamichail, D., **I. Eleftherohorinos,** R. Froud-Williams and F. Gravanis. **2002.** Critical periods of weed competition in cotton in Greece. *Phytoparasitica* 30:105-111.
21. **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.
22. **Eleftherohorinos, I.G.** and K.V. Dhima. **2002.** Red rice (*Oryza sativa*) control in rice (*O. sativa*) with preemergence and postemergence herbicides. *Weed Technology* 16: 537-540.
23. Vasilakoglou, I.B. and **I.G. Eleftherohorinos.** **2003.** Persistence, efficacy, and selectivity of amide herbicides in corn. *Weed Technology* 17:381-388.
24. Mitskas, M.B., C.E. Tsolis, **I.G. Eleftherohorinos** and C.A. Damalas. **2003.** Interference between corn and johnsongrass (*Sorghum halepense*) from seed or rhizomes. *Weed Science* 51:540-545.
25. Dhima, K. and **I. Eleftherohorinos.** **2003.** Nitrogen effect on competition between winter cereals and littleseed canarygrass. *Phytoparasitica* 31:252-264.

26. Hatzinikolaou AS, **IG Eleftherohorinos** and IB Vasilakoglou, I.B.. **2004**. Influence of Formulation on Activity and Persistence of Pendimethalin. *Weed Technology* 18:397-403.
27. **Eleftherohorinos, I.G.**, K.V. Dhima and I.B. Vasilakoglou. **2004**. Activity, adsorption, mobility and field persistence of sulfosulfuron in soil. *Phytoparasitica* 33:274-285.
28. 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.
29. Kaloumenos, N.S., V.G. Velentza, A.N. Papantoniou, S.G. Kadis, and I.G **Eleftherohorinos**. **2005**. Influence of Pyriithobac Application Rate and Timing on Weed Control and Cotton Yield in Greece. *Weed Technology* 19:207–216.
30. Velentza, V.G., N.S. Kaloumenos, A.N. Papantoniou, S.G. Kadis, and **I.G Eleftherohorinos**. **2005**. Activity, adsorption, mobility, and field persistence of pyriithobac in three soils. *Weed Science* 53:212-219.
31. Dhima, K. and **I. Eleftherohorinos**. **2005**. Wild mustard (*Sinapis arvensis* L.) competition with three winter cereals as affected by nitrogen supply. *Journal of Agronomy and Crop Science* 191:241-248.
32. Dhima K.V., I.B. Vasilakoglou, **I.G. Eleftherohorinos**, and A.S. 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.
33. Lithourgidis, A.S., K.V. Dhima, C.A. Damalas, I.B. Vasilakoglou and I.G. **Eleftherohorinos**. **2006**. Tillage effects on wheat emergence and yield at varying seeding rates, and on labor and fuel consumption. *Crop Science* 46:1187-1192.
34. Dhima, K.V., I.B. Vasilakoglou, **I.G. Eleftherohorinos**, and A.S. Lithourgidis. **2006**. Allelopathic potential of winter cereal cover crop mulches on grass weed suppression and sugar beet development. *Crop Science* 46:1682-1691.
35. 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.
36. Vasilakoglou I.B., K.V. Dhima, and **I.G. Eleftherohorinos**. **2006**. Hoary cress (*Cardaria draba*) control in winter wheat with postemergence herbicides. *Weed Technology* 20:585-592.
37. Vasilakoglou, I., K. Dhima, **I. Eleftherohorinos**, and A. Lithourgidis. **2006**. Winter cereal cover crop mulches and inter-row cultivation effects on cotton development and grass weed suppression. *Agronomy Journal* 98:1290-1297.
38. Damalas, C.A., K.V. Dhima and I.G. **Eleftherohorinos**. **2006**. Control of *Echinochloa oryzoides* and *E. phyllopogon* with cyhalofop, clefoxydim, and penoxsulam applied alone and in mixtures with broadleaf herbicides. *Weed Technology* 20:992-998.
39. Vasileiadis V.P., R.J. Froud-Williams and **I.G. Eleftherohorinos**. **2007**. Vertical distribution, size, and composition of the Weed seedbank under various tillage and herbicide treatments in a sequence of industrial crops. *Weed Research* 47:22-230.
40. Dolaptoglou C., D.G. Karpouzas, U. Menkissoglu-Spiroudi, **I. Eleftherohorinos**, E.A. Voudrias. 2007. Influence of different organic amendments on the degradation, metabolism and adsorption of terbuthylazine. *Journal of Environmental Quality* 36:1793-1802.
41. Vasilakoglou, I., K. Dhima, E. Wogiatzi, **I. Eleftherohorinos**, and A. Lithourgidis. 2007. Phytotoxic potential of oregano or marjoram (*Origanum* spp.) and basil (*Ocimum*

- basilicum*) essential oils as affected by population or cultivar and concentration. *Allelopathy Journal* 20:297-306.
42. Damalas, C.A., K.V. Dhima, and I.G. Eleftherohorinos. 2008. Morphological and physiological variation among species of the genus *Echinochloa* in Northern Greece. *Weed Science* 56:416-423.
 43. Kadoglidou, K., C. Malkoyannidis, K. Radoglou, I. Eleftherohorinos, and H-I Constantinidou. 2008. Pronamide effects on physiology and yield of sugar beet. *Weed Science* 56:457-463.
 44. Dhima, K., I. Vasilakoglou, A. Lithourgidis, E. Mecolari, R. Keco, XH. 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.
 45. Papageorgiou, I., I.G. Eleftherohorinos and I. Vasilakoglou. 2008. Tillage implement effects on herbicide efficacy and yield of cotton grown under sprinkler or drip irrigation system. *Weed Biology and Management* 8:201-208.
 46. Argyropoulos E.I., I.G. Eleftherohorinos and D. Vokou. 2008. [In vitro evaluation of essential oils from Mediterranean aromatic plants of the Lamiaceae for weed control in tomato and cotton crops](#). *Allelopathy Journal* 22:69-78.
 47. 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.
 48. Kaloumenos, N.S. and I.G. Eleftherohorinos. 2008. Corn Poppy (*Papaver rhoeas*) Resistance to ALS-inhibiting Herbicides and its Impact on Growth Rate. *Weed Science* 56:789-796.
 49. Damalas, C.A., K.V. Dhima, and I.G. Eleftherohorinos. 2008. Bispyribac-sodium efficacy on early watergrass (*Echinochloa oryzoides*) and late watergrass (*Echinochloa phyllopogon*) as affected by coapplication of selected rice herbicides and insecticides. *Weed Technology* 22:622-627.
 50. Lithourgidis, A., C. Damalas and I. Eleftherohorinos. 2009. Conservation tillage: A promising perspective for sustainable agriculture in Greece. *Journal of Sustainable Agriculture* 33:85-95.
 51. Dhima, K., I. Vasilakoglou, Th.D. Gatsis, E. Panou-Philotheou, I.G. Eleftherohorinos. 2009. Effects of aromatic plant cover crop mulches on weed and maize development. *Field Crops Research* 110:235-241.
 52. Dolaptoglou C., D.G. Karpouzas, U. Menkissoglu-Spiroudi, I. Eleftherohorinos, E.A. Voudrias. 2009. Influence of different organic amendments on the leaching and dissipation of terbuthylazine in a column and a field study. *Journal of Environmental Quality* 38:782-791.
 53. Kaloumenos, N.S., C.A. Dordas, G.C. Diamantidis, and I.G. Eleftherohorinos. 2009. Multiple Pro197 substitutions in the acetolactate synthase of corn poppy (*Papaver rhoeas*) confer resistance to tribenuron. *Weed Science* 57:362-368.
 54. Kaloumenos, N.S. and I.G. Eleftherohorinos. 2009. Identification of a johnsongrass (*Sorghum halepense*) biotype resistant to ACCase-inhibiting herbicides in northern Greece. *Weed Technology* 23:470-476.
 55. Vasilakoglou, I., K. Dhima, A. Lithourgidis and I. Eleftherohorinos. 2009. Allelopathic potential of 50 barley cultivars and herbicidal effects of barley extract. *Allelopathy Journal* 24:309-319.

56. Dhima, K., I. Vasilakoglou, Th. Gatsis, I. **Eleftherohorinos**. 2010. Competitive interactions of fifty barley cultivars with *Avena sterilis* and *Asperugo procumbens*. *Field Crops Research* 117:90-100.
57. Chalkos D., K. Kadoglidou, K. Karamanoli, Ch. Fotiou, A.S. Pavlatou-Ve, I.G. **Eleftherohorinos**, H-I. A. Constantinidou and D. Vokou. 2010. *Mentha spicata* and *Salvia fruticosa* composts as soil amendments in tomato cultivation. *Plant Soil* 332:495-509.
58. Kaloumenos, N.S., V.N. Adamouli, C.A. Dordas, and I.G. **Eleftherohorinos**. 2011. Corn poppy (*Papaver rhoeas*) cross-resistance to ALS-inhibiting herbicides. *Pest Management Science* 67:574-585.
59. Damalas, C.A. and I.G. **Eleftherohorinos**. 2011. Pesticide exposure, safety issues, and risk assessment indicators. *International Journal of Environmental Research and Public Health* 8:1402-1419.
60. Tsiatas, I. and I.G. **Eleftherohorinos**. 2011. First report of branched broomrape (*Orobanche ramosa* L.) on oilseed rape (*Brassica napus* L.), wild mustard (*Sinapis arvensis* L.) and wild vetch (*Vicia* spp.) in northern Greece. *Plant Disease* 95(10):1322.
61. Damalas C., A. Lithourgidis, and I.G. **Eleftherohorinos**. 2012. *Echinochloa* species control in maize (*Zea mays* L.) with sulfonylurea herbicides applied alone and in mixtures with broadleaf herbicides. *Crop Protection* 34:70-75.
62. Papapanagiotou, A.P., N.S. Kaloumenos, and I.G. **Eleftherohorinos**. 2012. Sterile oat (*Avena sterilis* L.) cross-resistance profile to ACCase-inhibiting herbicides in Greece. *Crop Protection* 35:118-126.
63. Kaloumenos, N.S., V.C. Tsioni, E.G. Daliani, S.E. Papavassileiou, A.G. Vassileiou, P.N. Laoutidou, I.G. **Eleftherohorinos**. 2012. Multiple Pro-197 substitutions in the acetolactate synthase of rigid ryegrass (*Lolium rigidum*) and their impact on chlorsulfuron activity and plant growth. *Crop Protection* 38:35-43.
64. Efthimiadou, A., R.J. Froud-Williams, I. **Eleftherohorinos**, A. Karkanis, D.J. Bilalis. 2012. Effects of organic and inorganic amendments on weed management in sweet maize. *International Journal of Plant Production* 6:291-308.
65. Vasileiadis V.P., R.J. Froud-Williams and I.G. **Eleftherohorinos**. 2012. Tillage and herbicide treatments with inter row cultivation influence weed densities and yield of three industrial crops. *Weed Biology and Management* 12:84-90.
66. Kaloumenos, N.S., N. Capote, A. Aguado and I.G. **Eleftherohorinos**. 2013. Red rice (*Oryza sativa*) cross-resistance to imidazolinone herbicides used in resistant rice cultivars grown in northern Greece. *Pesticide Biochemistry and Physiology* 105:177-183.
67. Kaloumenos, N.S., S.L. Chatzilazaridou, P.V. Mylona, A.N. Polidoros, and I.G. **Eleftherohorinos**. 2013. Target-site mutation associated with cross-resistance to ALS-inhibiting herbicides in late watergrass (*Echinochloa oryzicola* Vasing). *Pest Management Science* 69:865-873.
68. Lotos, L., J.T. Tsiatas, V.I. Maliogka, N. Kaloumenos, I.G. **Eleftherohorinos** and N.I. Katis. 2013. First report of a "Candidatus Phytoplasma solani" related strain associated with a disease of *Datura stramonium* in Greece. Disease Note. *Journal of Plant Pathology* 95:447.
69. Gkika, P.I., N. Krigas, G. Menexes, I.G. **Eleftherohorinos**, E. Maloupa. 2013. Effect of temperature and light on seed germination of *Erysimum naxense* and *Erysimum krendlii*. *Central European Journal of Biology* 8:1194-1203.

70. Tsialtas, I.T., E. Patelou, N.S. Kaloumenos, P.V. Mylona, A. Polidoros, G. Menexes, and **I.G. Eleftherohorinos. 2014.** In the wild hybridization of annual *Datura* species as unveiled by morphological and molecular comparisons. *Journal of Biological Research-Thessaloniki* 21(11):2-8
71. Mylonas, P.N., C.N. Giannopolitis, P.G. Efthimiadis, G. Menexes, P.B. Madesis, **I.G. Eleftherohorinos. 2014.** Glyphosate resistance of molecularly identified *Conyza albida* and *Conyza bonariensis* populations. *Crop Protection* 65:207-215.
72. Kadoglidou, K., D. Chalkos, K. Karamanoli, **I.G. Eleftherohorinos**, H-I.A. Constantinidou, D. Vokou. **2014.** Aromatic plants as soil amendments: Effects of spearmint and sage on soil properties, growth and physiology of tomato seedlings. *Scientia Horticulturae* 179:25-35.
73. Papapanagiotou, A.P., M.I. Paresidou, N.S. Kaloumenos, and **I.G. Eleftherohorinos. 2015.** ACCase mutations in *Avena sterilis* populations and their impact on plant fitness. *Pesticide Biochemistry and Physiology* 123:40-48.
74. Ntoanidou, S., N. Kaloumenos, G. Diamantidis, P. Madesis, **I. Eleftherohorinos. 2016.** Molecular basis of *Cyperus difformis* cross-resistance to ALS-inhibiting herbicides. *Pesticide Biochemistry and Physiology* 127: 38-45.
75. Vasileiadis, V.P., R.J. Froud-Williams, D. Loddo and **I.G. Eleftherohorinos. 2016.** Emergence dynamics of barnyardgrass and jimsonweed from two depths when switching from conventional to reduced and no-till conditions. *Spanish Journal of Agricultural Research* 14(1), e1002, 7 pages (2016) eISSN: 2171-9292.
76. Theologidou, G.S., J.T. Tsialtas, N. Kaloumenos, and **I.G. Eleftherohorinos. 2016.** From Petri dish to field: testing Greek lentil accessions for imazamox tolerance. *International Journal of Plant Production* 10(3):265-274.
77. Dhima, D., I. Vasilakoglou, S. Stefanou, T. Gatsis, K. Paschalidis, S. Aggelopoulos and **I. Eleftherohorinos. 2016.** Differential competitive and allelopathic ability of *Cyperus rotundus* on *Solanum lycopersicum*, *Solanum melongena* and *Capsicum annum*. *Archives of Agronomy and Soil Science* 62(9):1250-1263.
78. Papadaki, A.M., F.A. Bletsos, I.G. Eleftherohorinos, G. Menexes, A.L. Lagopodi. 2017. Effectiveness of seven commercial rootstocks against verticillium wilt and their effects on growth, yield, and fruit quality of tomato. *Crop Protection* 102:25-31.
79. Ntoanidou, S., P. Madesis, G. Diamantidis, **I. Eleftherohorinos. 2017.** Trp574 substitution in the acetolactate synthase of *Sinapis arvensis* confers cross-resistance to tribenuron and imazamox. *Pesticide Biochemistry and Physiology* 142:9-14.
80. Tsialtas, J.T., E. Kostoglou, D. Lazari, **I.G. Eleftherohorinos. 2018.** Annual *Datura* accessions as source of alkaloids, oil and protein under Mediterranean conditions. *Industrial Crops & Products* 121:187-194.
81. Ntoanidou, S., P. Madesis, **I. Eleftherohorinos. 2019.** Resistance of *Rapistrum rugosum* to tribenuron and imazamox due to Trp574 or Pro197 substitution in the acetolactate synthase. *Pesticide Biochemistry and Physiology* 154:1-6.
82. Papapanagiotou, A.P., C.A. Damalas, I. Bosmali, P. Madesis, G.C. Menexes, **I.G. Eleftherohorinos. 2019.** "False cleavers (*Galium spurium* L.) and common cleavers (*G. aparine* L.) resistance to ALS-inhibiting herbicides in northern Greece". *Planta Daninha* 2019; v37:e019207288
83. Papapanagiotou, A.P., C.A. Damalas, G.C. Menexes, **I.G. Eleftherohorinos. 2020.** Resistance levels and chemical control options of sterile oat (*Avena sterilis* L.) in Northern Greece. *International Journal of Pest Management* 66:106-115.

84. Anthimidou, E., S. Ntoanidou, P. Madesis, and I. Eleftherohorinos. 2020. Mechanisms of *Lolium rigidum* multiple resistance to ALS- and ACCase-inhibiting herbicides and their impact on plant fitness. *Pesticide Biochemistry and Physiology* 164:65-72.
85. Ntoanidou, S., P. Madesis, G. Menexes, and I. Eleftherohorinos. 2020. Growth rate and genetic structure of *Sinapis arvensis* susceptible and herbicide resistant populations originating from Greece. *Euphytica* 216 (12):185 DOI: 10.1007/s10681-020-02723-6.
86. Giannakis, J., C. Manitsas, I. Eleftherohorinos, G. Menexes, C. Emmanouil, A. Kungolos and A.L. Lagopodi. 2021. Use of Biosolids to Enhance Tomato Growth and Tolerance to *Fusarium oxysporum* f. sp. *radicis-lycopersici*. *Environmental Processes*, <https://doi.org/10.1007/s40710-021-00538-8>.
87. Koutsos, T.M., G.C. Menexes and I.G. Eleftherohorinos. 2022. The use of spatial interpolation to improve the quality of corn silage data in case of presence of extreme or missing values. *ISPRS-International Journal of Ge-Information* 11:153. <https://doi.org/10.3390/ijgi11030153>.
88. Papapanagiotou, A., D. Loukovitis, S. Ntoanidou and I. Eleftherohorinos. 2022. Target-site cross-resistance to ALS inhibitors in johnsongrass [*Sorghum halepense* (L.) Pers.] originating from Greek corn fields. *Weed Technology* (in press).
89. Papapanagiotou, A., I. Bosmali, P. Madesis, G. Menexes and I. Eleftherohorinos. 2022. Multiple-resistance of silky windgrass to acetolactate synthase (ALS)- and acetyl-CoA synthase (ACCase)-inhibiting herbicides. *Weed Technology* (in press).

1 in Peer-reviewed Journal (Science Citation Index) as Eleftherochorinos

90. Efthimiadou, A., D. Bilalis, A. Karkanis, B. Froud-Williams, I. Eleftherochorinos. 2009. Effects of cultural system (organic and conventional) on growth, photosynthesis and yield components of sweet corn (*Zea mays* L.) under semi-arid environment. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca* 37:105-111.

3 in Peer-reviewed Journals (Scopus)

1. Dhima, K., I. Vasilakoglou, S. Stefanou, T. Gatsis, K. Paschalidis, S. Aggelopoulos, and I. Eleftherohorinos. 2016. Differential competitive and allelopathic ability of *Cyperus rotundus* on *Solanum lycopersicum*, *Solanum melongena* and *Capsicum annum*. *Archives of Agronomy and Soil Science* 62 (9): 1250-1263.
2. Mylonas, P.N., C.N. Giannopolitis, P.G. Efthimiadis, G.C. Menexes, G.C., and I.G. Eleftherohorinos. 2019. Dose-response and growth rate variation among glyphosate resistant and susceptible *Conyza albida* and *Conyza bonariensis* populations. *Journal of Plant Protection Research* 59(1):32-40.
3. Pratsinakis, E.D., S. Ntoanidou, A. Polidoros, C. Dordas, P. Madesis, I. Eleftherohorinos and G. Menexes. 2020. Comparison of hierarchical clustering methods for binary data from molecular markers. *International Journal of Data Analysis Techniques and Strategies* 12(3):190. DOI: 10.1504/IJDATS.2020.108036

9 in other peer-reviewed Journals

1. Sileloglou, P.K., D.S.H. Drennan, I.G. Eleftherohorinos and K.J. Murphy. 1985. Evaluation of chlorsulfuron for broad-leaved weed control in legume crops. *Zizaniology* 1:255-263.

2. **Eleftherohorinos, I.G. 1985.** Performance of various soil-applied herbicides used in winter cereals. *Zizaniology* 1:265-273.
3. Bell, C.E., I.G. Eleftherohorinos and E. Kotoula-Syka. 1990. Biology and control of silverleaf nightshade (*Solanum elaeagnifolium* Cav). *Zizaniology* 2:135-143.
4. **Eleftherohorinos, I.G. and E. Kotoula-Syka. 1990.** Evaluation of the effectiveness of various soil applied herbicides in irrigated and non-irrigated sunflower (*Helianthus annuus* L.). *Zizaniology* 2:167-175.
5. **Eleftherohorinos, I.G. and E. Kotoula-Syka. 1990.** Field persistence of dinitramine, ethafluralin, trifluralin and pendimethalin in soils in Greece. *Agricoltura Mediterranea* 120:256-261.
6. **Eleftherohorinos, I.G. and E. Kotoula-Syka. 1991.** Field persistence bioassay of soil-applied herbicides in irrigated and non-irrigated sunflower crops. *Agricoltura Mediterranea* 121:333-339.
7. Ntanos, D., I.G. **Eleftherohorinos**, G. Giamoustaris and N. Philippou. **1992.** Barnyardgrass (*Echinochloa crus-galli*) control in water seeded rice (*Oryza sativa*) with pretilachlor, quinclorac and thiobencarb. *Agricoltura Mediterranea* 122:54-58.
8. Tsialtas, I., I. Eleftherohorinos, G. Zarkos, V. Christodoulou and Kit Tan. **2013.** Report 130: *Datura stramonium* f. *tatula* (L.). *Phytologia Balcanica* 19:149-151.
9. Dhima, K., I. Vasilakoglou, S. Stefanou, **I. Eleftherohorinos. 2015.** Effect of cultivar, irrigation and nitrogen fertilization on chickpea (*Cicer arietinum* L.) productivity. *Agricultural Sciences* 6:1187-1194. Published Online October 2015 in SciRes. <http://www.scirp.org/journal/as>, <http://dx.doi.org/10.4236/as.2015.610113>.

13 in Proceedings

1. **Eleftherohorinos, I.G., D.S.H. Drennan and K.J. Murphy. 1984.** The use of low rates of chlorsulfuron for broadleaved weed control in soyabean and field bean. *Proceedings EWRS 3rd Symposium on Weed Problems in Mediterranean Area II*, 521-530.
2. **Eleftherohorinos, I.G., K.J. Murphy and D.S.H. Drennan. 1984.** The effects of chlorsulfuron on growth and seed viability of cereal weeds, with reference to greek cereal systems. *Proceedings EWRS 3rd Symposium on Weed Problems in Mediterranean Area I*, 175-183.
3. **Eleftherohorinos, I.G., D.S.H. Drennan and K.J. Murphy. 1985.** Weed competition from *Galium aparine* L. and *Veronica persica* Poir. in winter wheat and their control by chlorsulfuron. *UK Symposium on Aspects of Applied Biology 9, 1985. The biology and control of weeds in cereals*, 197-203.
4. Bulmer, R.H.C., I.G. **Eleftherohorinos**, R.W. Snaydon and D.S.H. Drennan. **1985.** The effect of metoxuron and chlorsulfuron on competition between *Bromus sterilis* (sterile brome) and winter wheat. *UK Symposium on Aspects of Applied Biology 9, 1985. The biology and control of weeds in cereals*, 75-80.
5. **Eleftherohorinos, I.G., D.S.H. Drennan and K.J. Murphy. 1985.** Effects of straw and organic matter additions to soil on chlorsulfuron used pre-emergence. *Proceedings 1985, British Crop Protection Conference-Weeds* 639-644.
6. Papamichail, D., R.J. Froud-Williams, D.S.H. Drennan, I.G. **Eleftherohorinos**, F.T. Gravanis and T.A. Gemtos. **1997.** Weed control in cotton under three cultivation systems. *Proceedings 1997, Brighton Crop Protection Conference-Weeds* 2:657-658.

7. **Eleftherohorinos**, I.G. and C.N. Giannopolitis. **1999**. Alternatives to methyl bromide for the control of weeds in greenhouses and seed beds. *Proceedings of International Workshop on Alternatives to Methyl Bromide for the Southern European Countries*, 34-36.
8. Zannopoulos, S.I., R.J. Froud-Williams and I.G. **Eleftherohorinos**. **1999**. Biology of Mediterranean red rice (*Oryza sativa*) biotypes and their response to postemergence applied herbicides. *The 17th Asian-Pacific Weed Science Society Conference: Weeds and Environmental impact*. Bangkok-Thailand. *Proceedings* 85-89.
9. **Eleftherohorinos**, I.G. and I.B Vasilakoglou. **2002**. Alternatives to methyl bromide for control of annual and perennial weeds. *Proceedings on the International Conference on Alternatives to Methyl Bromide*. Sevilla, Spain 5-8 March 2002, 257-261.
10. Dhima, K., I. Vasilakoglou, I. **Eleftherohorinos**, and A. Lithourgides. **2005**. Annual grass weed control in cotton by cereal cover crop mulches. *13th EWRS Symposium*. Bari, Italy 19-23 June 2005, 151.
11. Vasileiadis V.P., R.J. Froud-Williams, I.G. **Eleftherohorinos**. **2005**. Effects of crop species, tillage regime and herbicide treatments on dynamics of Mediterranean arable weed seedbank. *13th EWRS Symposium*. Bari, Italy 19-23 June 2005, 61.
12. Charatsari, Ch., A. Papadaki-Klavdianou, I.G. **Eleftherohorinos** and A. Michailidis. **2011**. Knowledge delivery systems in agricultural education: School-based versus farm-based Methods. *Proceedings of the 20th European Seminar of Extension Education (ESEE) Finland*, pp 66-71.
13. Kaloumenos, N.S., A. Papapanagiotou, and I.G. **Eleftherohorinos**. **2011**. Alarming levels of weed resistance to ALS and ACCase-inhibiting herbicides in northern Greece. *7th International Symposium MGPR "Paolo Cabras"*, Thessaloniki, Greece, 9-11 November 2011. p 44.

Publications in National Journals and Proceedings

1. Two (2) peer-reviewed papers in National Journals.
2. Fifteen (15) review papers in National Conference Proceedings.
3. Six (6) review papers of general agronomic interest.
4. Five (5) textbooks in Weed Science Principles (Eds. 1996, 2002, 2008, 2014, 2020).
5. One (1) Weed Identification Handbook (Eds. 2009).
6. Thirty three (33) review papers in Agricultural Magazines.
7. One hundred ten (110) abstracts in National Proceedings of Weed Science and Crop Protection Conferences.

PARTICIPATION IN SCIENTIFIC MEETINGS

1. 3rd *Symposium on Weed Problems in Mediterranean Area*, 1984. European Weed Research Society, Oeiras Portugal.
2. Aspects of Applied Biology 9, 1985. The biology and control of weeds in cereals. *Association of Applied Biologists*, Cambridge UK.
3. *British Crop Protection Conference-Weeds-1985*. British Crop Protection Council, Brighton UK.
4. *National Conference on Genetically Modified Organisms*. Athens 8-9 December 1998.

5. *International Workshop* on alternatives to methyl bromide for the Southern European countries. 1999. Agriculture Ministry of Greece and European Commission DGXI, Crete GR.
6. *European Conference* on pesticides and related organic micropollutants in the environment. 2000. 5-8 October, Ioannina, Greece.
7. *International Conference* on alternatives to methyl bromide. Sevilla, Spain 5-8 March 2002.
8. *International Symposium MGPR "Paolo Cabras"*, Thessaloniki, Greece, 9-11 November 2011. p 44.
9. *Fourteen Weed Science Conferences* on Weed and Herbicides Problems in Greece.
10. *Six National Conferences* on Crop Protection Problems in Greece.

ACADEMIC ACTIVITIES

Teaching in:

1. 'Weed Science Principles'. Undergraduate course in the School of Agriculture program of the Aristotle University of Thessaloniki (AUTH) (1985-2015, 2016-21).
2. 'Weed management in sustainable agriculture': Undergraduate course in the School of Agriculture program of AUTH (8-hr lectures in 1998, 1999, 2000).
3. 'Mode of action and metabolism of herbicides': Postgraduate course in the MSc programs of 'Plant Breeding, Agronomy and Weed Science' and 'Plant Protection Sciences' in the School of Agriculture of AUTH (1996-2015).
4. 'Weed management in integrated crop management systems for field crops': Postgraduate course in the MSc programs of 'Plant Breeding, Agronomy and Weed Science' and 'Sustainable Agriculture' of the School of Agriculture of AUTH (8-hr lectures in 2005).
5. 'Weed management in integrated and organic production in horticulture': Postgraduate course in the MSc programs of 'Horticultural Sciences' and 'Sustainable Agriculture' of the School of Agriculture of AUTH (3-hr lectures in 2002).
6. 'Weed management in integrated pest management systems': Postgraduate course in the MSc program of 'Sustainable Agriculture' of the Mediterranean Agronomic Institute of Chania, Greece (25-hr lectures in 2005, 2006, 2007).
7. 'Plant protection products and environment': Postgraduate course in the MSc program of 'Agriculture and Environment' of the Aegean University (6-hr lectures in 2005).
8. Invited speaker on 'Pesticide and water management practices in rice paddies' in a Training Course for 'Pesticide risk assessment in rice paddies', organised by the University Cattolica del Sacra Cuore, Italy (27-30 June, 2005).
9. Invited speaker (2-hr lecture) on 'Pesticides and health' by the School of Medicine of AUTH (November 29, 2011).
10. Invited speaker on 'Pesticides: Benefits and concerns' in the Open University of Giannitsa (2013).
11. Invited speaker on 'Weed resistance to herbicides' in the MSc program of the Crop Science Department of the Agricultural University of Athens (2014).
12. Invited speaker on 'New knowledge for crop protection: Management of weed resistance to herbicides' in the Department of Agricultural Development, Democritus University of Thrace (2014).
13. 'Physiology and Biochemistry of herbicide action': Postgraduate course in the MSc program "Innovative Systems of Sustainable Rural Production" of the Alexander

Technological Educational Institute of Thessaloniki (20-hr lectures in 2015-16, 2016-17, 2017-2018).

14. 'Sustainable Production Systems': Postgraduate course in the MSc program "Innovative Systems of Sustainable Agricultural Production" of the Alexander Technological Educational Institute of Thessaloniki (20- and 28-hr lectures in 2015-16 and 2016-17).
15. 'Physiology and Biochemistry of herbicide action': Postgraduate course in the MSc program of 'Plant Breeding, Agronomy and Weed Science' of the School of Agriculture of AUTH (2016-17).
16. "Physiology and Biochemistry of herbicide action": Postgraduate course in the MSc program "Sustainable agricultural systems and climate change" of the School of Agriculture of AUTH (2020-21).
18. 'Product Quality Assurance Systems': Postgraduate course in the MSc program 'Legislation of Food' of the School of Agriculture of AUTH (4h lectures in 2019-20 and 2020-21).
19. 'Integrated crop production and climate change': in the MSc program "Sustainable agricultural systems and climate change" of the School of Agriculture of AUTH (24 hr lectures in 2020-21).

Supervising in:

174 BSc theses.

39 MSc theses.

9 PhD theses.

Research in:

1. Weed biology and ecology.
2. Weed/crop competition and allelopathy.
3. Activity and selectivity of herbicides.
4. Effect of essential oils from aromatic plants on weeds.
5. Fate (adsorption, leaching, persistence, activity, and selectivity) of herbicides in soil.
6. Integrated weed management in field, vegetable and tree crops.
7. Herbicide resistant weeds, mechanisms [at molecular level (DNA sequencing and *in vitro* enzyme activity)] of weed resistance and its management.
8. Fitness cost/advantage of resistant vs. susceptible weed populations to herbicides.

OTHER ACTIVITIES

President of the Greek Weed Science Society (1999-2002, 2003-2005, 2007-2009).

Head of the Field Crops and Ecology Department, School of Agriculture (1999-2000).

Dean of the School of Agriculture, Aristotle University of Thessaloniki (2001-2003)

Head of the Field Crops and Ecology Department, School of Agriculture (2007-2013).

Director of the Agronomy Lab, School of Agriculture (2012-15).

MEMBERSHIP IN PROFESSIONAL SCIENTIFIC SOCIETIES

Weed Science Society of Greece

European Weed Research Society

Weed Science Society of America