

CURRICULUM VITAE

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First Name: Panayiota-Thiresia

Position/Title: Professor

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Education

- B.Sc. Agriculture University of Athens 1977-1982
- PhD in Agronomy, Agriculture University of Athens 2003

Work experience

Agricultural University of Athens

- Professor 2022-present
- Associate professor 2017-2022
- Assistant professor 2012-2017
- Lecturer 2005-2012

Teaching experience

Undergraduate level

- Introduction to Agronomy
- Winter and Spring Cereals
- Crop Production
- Field Crops
- Seed production & Technology of Field Crops

Postgraduate level:

- New crops – Novel approaches to field crop management
- Field crop production – Precision agriculture
- Propagation of field crops
- Scholarship for ERASMUS teaching staff mobility under the lifelong learning program (2013-2014)

Research topics

- Cultivation techniques and management of field crops
- New crops, minor crops, oil crops, fiber crops, aromatic and medicinal plants
- Seed production and seed technology in field crops
- Eco-physiology of seed germination and seedling establishment
- Studies on agro-biodiversity, landraces
- Weed-crop interactions

Research and Educational Grants

- Research on Breeding programs and seed quality (BREEDSEED). Funded by EU & Greek Secretary of Research & Technology, Program Synergasia-Breedseed 2011-2015.
- “Propagating material for Ornamental, Vegetables, Crops and Trees” Foundation S. Niarchos (2015).
- Application of state-of-the-art green technology for the development of high added value cosmeceuticals based on the greek flora” (EnGAGE). Funded by EU & Greek Secretary of Research & Technology, Program Synergasia-EnGAGE 2013-2015.
- PLANTUP Safe-guarding Plant Health in Agricultural and Forest Ecosystems NSRF 2014-2020.
- Research on Propagating material for Ornamental, Vegetables, Crops and Trees. Stavros Niarchos Foundation 2015.
- «Efficacy evaluation of cover plants and biostimulants on yield and quality characteristics of a table olive cultivar” *ARYSTA LIFESCIENCE* (2016-2017).
- New Agriculture for a New Generation Recharging Youth to Revitalize the Agriculture and Food Sector of the Greek Economy “Sustainable Production of Legumes” (2018-2019).
- Development of innovative pharmaceutical and cosmeceutical products from industrial hemp (*Cannabis sativa* L.) «Operational Program Competitiveness, Entrepreneurship, and Innovation (2019-2021).
- New Agriculture for a New Generation Recharging Youth to Revitalize the Agriculture and Food Sector of the Greek Economy “Propagation material for ornamentals, vegetables, crops, trees” (2019-2020).
- Legumes4Protein «Operational Program Competitiveness, Entrepreneurship, and Innovation (2019-2021).
- Stepping-up IPM decision support for crop protection (IPM decisions). Horizon 2020 (2019-2024).

List of publications

- Οικονόμου, Γ., Αυγουλάς, Χ.Ε., Καραμάνος, Α.Ι. και Παπαστυλιανού, Π. (1992). Μορφολογική παραλλακτικότητα πληθυσμών του ζιζανίου *Sorghum halepense* στην Ελλάδα. Ζιζανιολογία 2, 233-241.
- Karamanos, A.J., Papadopoulos, G., Avgoulas C.E. and Papastylianou P. (1994). Chemical composition of seeds of 11 field-grown faba bean cultivars in two cultivation periods. FABIS Newsl. 34/35, 39-47.
- P. Papastylianou and A.J. Karamanos (1995). Field evaluation of the photothermal requirements for flowering of three lentil cultivars (*Lens culinaris* Med.). In: Improving Production and Utilization of Grain Legumes. (Proceedings of the 2nd European Conference on Grain Legumes), pp. 145, A.E.P. Copenhagen Denmark.
- P. Papastylianou (1998). Field evaluation of the thermal requirements for seeding emergence of seven lentil cultivars (*Lens culinaris* Med.). In: Opportunities for high quality, healthy and added-value crops to meet European

demands. (Proceedings of the 3rd European Conference on Grain Legumes), pp. 477, A.E.P. Valladolid, Spain.

- C.E., Avgoulas, L. Bouza, A. Koutrou, S. Papadopoulou G. Vasiliadis and P. Papastylianou (2004). Evaluation of seven most commonly grown cotton cultivars (*Gossypium hirsutum* L.) in north Greece: Productivity and fibre quality. *Agricoltura Mediterranea* 134, 107-118.
- X.E. Αυγουλάς, Π. Παπαστυλιανού, Γ. Παπαθεοχάρη, Θ.Ν. Κλεφτογιάννης και Δ. Σέρβης (2004). Προκαταρκτική αξιολόγηση δύο νέων ποικιλιών βαμβακιού (*Gossypium hirsutum* L.) στο αγρονομικό περιβάλλον της Βοιωτίας. *Αγροτική Έρευνα* 27(1), 65-74.
- C.E., Avgoulas, L. Bouza, A. Koutrou, S. Papadopoulou S. Kosmas, E. Makridou, P. Papastylianou and D. Bilalis (2005). Evaluation of five most commonly grown cotton cultivars (*Gossypium hirsutum* L.) under Mediterranean conditions: Productivity and fibre quality. *Journal of Agronomy & Crop Science* 191, 1-9.
- Y. Papatheohari, E. Alexopoulou, D. Bilalis and P. Papastylianou (2007). Influence of inorganic fertilization on growth and yields of four flax (*Linum usitatissimum* L.) varieties. Proceedings of the 16th European Biomass Conference, 2-6 June 2008, Valencia, Spain, pp. 536-539.
- Y. Papatheohari, D. Bilalis, E. Alexopoulou, P. Papastylianou and C. Avgoulas (2008). Effect of different rates of inorganic fertilization on some agronomic characteristics with emphasis in roots and yield in four flax (*Linum usitatissimum* L.) varieties. *Journal of Food, Agriculture & Environment* 6(2), 132-135.
- Αργυροκαστρίτης Ι., Φραγκίστα Σ. Τόπης Α., Σταματάκος Δ., Αλεξανδρής Σ., Ψυχογιού Μ., Παπαστυλιανού Π., Κερκίδης Π. (2008). Μεταβολή του δείκτη υδατικής καταπόνησης δύο ποικιλιών βαμβακιού υπό συνθήκες ελλειμματικής άρδευσης. Πρακτικά 12^{ου} Πανελληνίου Εδαφολογικού Συνεδρίου, 24-26 Σεπτεμβρίου 2008 Πύργος.
- Αργυροκαστρίτης Ι., Φραγκίστα Σ. Βαμβακούλας Χ., Δαμιανίδης Θ., Αλεξανδρής Σ., Παπαστυλιανού Π., Κερκίδης Π. (2009). Μεταβολή του δείκτη υδατικής καταπόνησης δύο ποικιλιών ηλιάνθου υπό συνθήκες ελλειμματικής άρδευσης. Πρακτικά 6^{ου} Πανελληνίου Συνεδρίου Γεωργικής Μηχανικής, 8-10 Οκτωβρίου 2009 Θεσσαλονίκη.
- J. Karamanos, P. T. Papastylianou, J. Stavrou, and C. Avgoulas (2009). Effects of Water Shortage and Air Temperature on Seed Yield and Seed Performance of Lucerne (*Medicago sativa* L.) in a Mediterranean Environment. *Journal of Agronomy & Crop Science* 195, 408-419.
- D. Bilalis, P. Papastylianou, A. Karkanis, A. Konstantas, S. Patsiali (2009). Weed-suppressive Effects of Maize-legume Intercropping in Organic Cropping Systems. *International Journal of Pest Management* 56(2), 173-181.
- D. J. Bilalis, A. Karkanis, P. Papastylianou, S. Patsiali, M. Athanasopoulou, G. Barla, I. Kakabouki (2010). Response of organic linseed (*Linum usitatissimum* L.) to the combination of tillage systems, (minimum, conventional and no-tillage) and fertilization practices: Seed and oil yield production. *Australian Journal of Crop Science* 4(9), 700-705.
- Π. Παπαστυλιανού, Π. Ι. Τερζόπουλος, Π. Ι. Μπεμπέλη (2010). Αξιολόγηση εγχώριων πληθυσμών κουκιού (*Vicia faba* L.) ως προς την απόδοση και τις συνιστώσες της. Πρακτικά 13^{ου} Πανελληνίου Συνεδρίου Ελληνικής

Επιστημονικής Εταιρείας Γενετικής Βελτίωσης Φυτών, 13-15 Οκτωβρίου Καλαμάτα.

- Μπιλάλης Δ., Αθανασοπούλου Μ., Πατσιαλή Σ., Καρκάνης Α. Παπαστυλιανού Π. (2010). Επίδραση τριών συστημάτων εδαφοκατεργασίας και δύο ειδών οργανικής λίπανσης στην ανάπτυξη της μυκόρριζας σε βιολογική καλλιέργεια λιναριού. Πρακτικά 13^{ου} Πανελληνίου Εδαφολογικού Συνεδρίου, 20-22 Οκτωβρίου Λάρισα.
- Π. Παπαστυλιανού, Σ. Κανδρέλης, Χ. Ζινδριλής, Α. Ευθυμίου, Π. Γάτσιος, Φ. Αντωνόπουλος (2010). Αξιολόγηση των χορτοδοτικών ψυχανθών ηδύσαρου και περσικού τριφυλλιού στην περιοχή της Άρτας. Πρακτικά 7^{ου} Πανελληνίου Λιβαδοπονικού Συνεδρίου, 14-16 Οκτωβρίου Ξάνθη.
- P.T. Papastylianou and D. Bilalis (2011). Flowering in Sulla (*Hedysarum coronarium* L. cv. Carmen) and Persian clover (*Trifolium resupinatum* L. cv. Laser) as affected by sowing date in a Mediterranean environment. *Australian Journal of Crop Science* (10), 1298-1312.
- P. T. Papastylianou and A.J. Karamanos (2012). Effect of osmopriming treatments with mannitol on cottonseed germination performance under suboptimal conditions. *Seed Science & Technology* 40, 248-258.
- Π. Παπαστυλιανού, Κ. Καρφή και Ξ. Βενιός (2012). Βελτίωση φυτρώματος βαμβακιού (*Gossypium hirsutum* L.) κάτω από συνθήκες υδατικής καταπόνησης μέσω υδρο-προμεταχείρισης του σπόρου. Πρακτικά 14^{ου} Πανελληνίου Συνεδρίου Ελληνικής Επιστημονικής Εταιρείας Γενετικής Βελτίωσης Φυτών, 10-12 Οκτωβρίου Θεσσαλονίκη.
- Π. Παπαστυλιανού, Π. Ι. Τερζόπουλος, Π. Ι. Μπεμπέλη (2012). Μελέτη παραλλακτικότητας εγχώριων πληθυσμών κουκιού (*Vicia faba* L.) ως προς την απόδοση και ορισμένα ποσοτικά χαρακτηριστικά άνθισης και καρπόδεσης. International Conference on Phytogetic Wealth and Agricultural Heritage of the Aegean Islands, 6-7 July Santorini.
- Angelopoulou F., Papatheohari Y., Papastylianou P., Konstantas A., Travlos I., Bilalis D. (2013). Effect of organic, biodynamic and conventional farming systems in selected soil parameters of various crops. Proc. of 12th International Symposium – “Prospects for the 3rd Millenium Agriculture” September 2013, Cluj-Napoca Romania Bulletin UASVM Horticulture, 70(1), 19-25.
- Douros N., Papatheohari Y., Papastylianou P., Angelopoulou F., Travlos I., Konstantas A., Bilalis D. (2013). Effect of the residues of the medicinal plant *Sideritis scardica* on weed flora in an organic sunflower crop. Proc. of 12th International Symposium – “Prospects for the 3rd Millenium Agriculture” September 2013, Cluj-Napoca Romania Bulletin UASVM Horticulture, 70(1) 102-106.
- Argyrocastritis I.G., P.T. Papastylianou and S. Alexandris (2014). Plant based water status measurements, seed yield and biomass production for full and deficit irrigated cotton in Greek conditions. In 73rd Plenary Meeting ICAC 2-7 November 2014, Thessaloniki, Greece.
- Μπιλάλης Δ., Π. Παπαστυλιανού, Η. Τραυλός και Γ. Παπαθεοχάρη (2014). Βιολογική γεωργία, ζιζάνια και περιβάλλον. Περίληψεις 6ης Πανελλήνιας Συνάντησης Φυτοπροστασίας 24-27 Φεβρουαρίου, Λάρισα (*in press*).
- Angelopoulou, F., I. Kakabouki, P. Papastylianou, Y. Papatheohari, A. Konstantas, A. Karkanis, I. Travlos and D.J. Bilalis (2014). Effect of organic fertilization on growth and development of the root system of two medicinal plants, oregano (*Origanum vulgare* L.) and milk thistle (*Silubum marianum* L.

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 - Papastylianou, P., I. Kakabouki, E. Tsiplakou, I.S. Travlos, D. Bilalis, D. Hela, D. Chachalis, G. Anogiatis, and G. Zervas (2014). Effect of fertilization on yield and quality of biomass of quinoa (*Chenopodium quinoa* Willd.) and green amaranth (*Amaranthus retroflexus* L.). In Proceedings of the 13th International Symposium of University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. September 2014, Cluj-Napoca. Bulletin UASVM Horticulture, 2014, 71(2): 288-292.
 - Travlos, I.S., D. Bilalis, P. Papastylianou, D. Chachalis, I. Lygizos, I. Annousakis, and Y. Papatheohari (2014). Response of the growth and yield of sunflower hybrids to organic and inorganic fertilization. In Proceedings of the 13th International Symposium of University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca September 2014, Cluj-Napoca. Bulletin UASVM Horticulture, 2014, 71(2): 363-364.
 - Bilalis D., I.S. Travlos, S. Tsioros, P. Papastylianou, Y. Papatheohari, E. Vlachou, C. Avgoulas and C. Zisoudis (2014). Effect of row spacing on yield and nicotine content of three sun-cured Greek tobacco cultivars. International Conference on Industrial Crops and Products 13-19 September Athens, Greece.
 - Παπαστυλιανού Π., Ε. Τσιπλάκου, Γ. Ανωγιάτης, Ι. Κακαμπούκη, Δ. Μπιλάλης, Γ. Ζέρβας (2014). Επίδραση οργανικής και ανόργανης λίπανσης στην ανάπτυξη απόδοση και ποιότητα βιομάζας κινόας και βλήτου. Περίληψεις του 8^{ου} Πανελληνίου Λιβαδοπονικού Συνεδρίου, 1-3 Οκτωβρίου Θεσσαλονίκη, σσ. 239-245.
 - Ανδρεοπούλου Α., Π. Παπαστυλιανού, Π. Μπεμπέλη, Ρ. Θανόπουλος, Γ. Βοσκάκης (2014). Αξιολόγηση του παραγωγικού δυναμικού εγχώριων πληθυσμών μαυρομάτικου φασιολιού (*Vigna unguiculata* L. Walp.). Περίληψεις του 15^{ου} Πανελληνίου Συνεδρίου Ελληνικής Επιστημονικής Εταιρείας Γενετικής Βελτίωσης Φυτών, 15-17 Οκτωβρίου Λάρισα σελ. 79.
 - Patsiali S., Papastylianou P., Travlos I., Bilalis D. (2014). Organic cropping system effects on fiber quality of three cotton (*Gossypium hirsutum* L.) cultivars in Greece. *Agronomy Journal* 106, 1365-1370.
 - Travlos I., Kanatas P.J., Tsioros S., Papastylianou P., Papatheohari Y., Bilalis D. (2014). Green Manure and Pendimethalin Impact on Oriental Sun-Cured Tobacco. *Agronomy Journal* 106, 1225-1230.
 - Douros N., Angelopoulou F., Papastylianou P., Papatheohari Y., Travlos I., Konstantas A., Bilalis D. (2014). Incorporation of residues of the medicinal plant *Echinacea purpurea* as a method of weed management in an organic sunflower crop. 18th IFOAM Organic World Congress ICEC, 13-15 October 2014, Istanbul (eprint ID 23797) pp. 563-566.
 - Kamariari I., Papastylianou P., Bilalis D., Travlos I., Kakabouki I. (2014). The role of mulching with residues of two medicinal plants on weed diversity in

maize. 18th IFOAM Organic World Congress ICEC, 13-15 October 2014, Istanbul (eprint ID 23911) pp. 567-570.

- Papastyliou, P., I. G. Argyrokastritis (2014). Effect of limited drip irrigation regime on yield, yield components, and fiber quality of cotton under Mediterranean conditions. *Agricultural Water Management* 142 127-134.
- Efthimiadou, A., N. Katsenios, A. Karkanis, P. Papastyliou, V. Triantafyllidis, I.S. Travlos, and D. Bilalis (2014). Effects of presowing pulsed electromagnetic treatment of tomato seed on growth, yield and lycopene content. *The Scientific World Journal* Article number 369745.
- Kakabouki, I., A. Karkanis, I.S. Travlos, D. Hela, P. Papastyliou, H. Wu, D. Chachalis, R. Sestras, and D. Bilalis (2015). Weed flora and seed yield in quinoa crop (*Chenopodium quinoa* Willd.) as affected by tillage systems and fertilization practices. *International Journal of Pest Management* 61(3) 228-234.
- Bilalis, D.J., I.S. Travlos, J. Portugal, S. Tsioros, Y. Papastyliou, Y. Papatheohari, C. Avgoulas, I. Tabaxi, E. Alexopoulou, and P.J. Kanatas (2015). Narrow row spacing increased yield and decreased nicotine content in sun-cured tobacco (*Nicotiana tabacum* L.). *Industrial Crops & Products* 75: 212–217.
- Argyrokastritis I.G., P.T. Papastyliou and S. Alexandris (2015). Leaf water potential and crop water stress index variation for full and deficit irrigated cotton in Mediterranean conditions. *Agriculture and Agricultural Science Procedia* 4 463-470.
- Khelil A.Z., S. Benyoussef, M. Mezni, H. Saidi Missaoui, S. Hanchi, M. Elayed, F. Gouhis, A. Abdelguerfi, M. Laouar, P. Papastyliou, D. Bilalis, H. Cicek, S. Ates, M. Dost (2015). Berseem clover (*Trifolium alexandrinum* L.) in the Mediterranean Basin. *Legume Perspectives* 10 27-28.
- Τραυλός, Η., Δ. Μπιλάλης, Π. Παπαστυλιανού, Δ. Χάχαλης, Α. Ευθυμιάδου και Α. Καρκάνης (2015). Το ζιζάνιο *Equisetum arvense* L. και οι επιδράσεις του σε καλλιέργεια ρεβιθιού. Πρακτικά 18ου Επιστημονικού Συνεδρίου Ελληνικής Ζιζανιολογικής Εταιρείας, σ. 43-44, 3-4 Μαρτίου 2015, Ηράκλειο.
- Μπιλάλης, Δ., Χ. Δρόντζα, Π. Παπαστυλιανού, Η. Τραυλός και Σ. Τσιώρος (2015). Επίδραση της οργανικής και της ανόργανης λίπανσης στη ζιζανιοχλωρίδα καλλιέργειας βιομηχανικής τομάτας. Πρακτικά 18ου Επιστημονικού Συνεδρίου Ελληνικής Ζιζανιολογικής Εταιρείας, σ. 45-46, 3-4 Μαρτίου 2015, Ηράκλειο.
- Koustas N., I.S. Travlos, D.J. Bilalis, P. Papastyliou, P. Papadimitriou, D. Douma, D. Chachalis, and A. Karkanis (2015). Field horsetail (*Equisetum arvense* L.) and its effects on chickpea. In Proceedings of EWRS workshop: “Optimizing herbicide use in an Integrated Weed Management (IWM) context”, Heraclion, Crete, 5-7 March 2015, (in press).
- Papatheohari Y., I.S. Travlos, P. Papastyliou, I.G. Argyrokastritis and D. Bilalis (2016). Growth and yield of three sunflower hybrids cultivated for two years under Mediterranean conditions. *Emirates Journal of Food and Agriculture* 28(2) 136-142.
- Angeli C., Chimona N., Kakabouki I., Kontopoulou C.K., Tabaxi I., Papandreou A., Pachi V., Drossinou I., Papastyliou P. Bilalis D. (2016). Effect of Different Types of Fertilization on *Vigna unguiculata* subsp. *sesquipedalis* Crop. In Proceedings of the 15th International Symposium of University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca

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- Σταυρόπουλος Γ., Παπαστυλιανού Π., Σαμανίδης Ι., Παπάζογλου Κ. (2016). Επίδραση λίπανσης και προσθήκης μυκόρριζας στην απόδοση και σε φυτοχημικά χαρακτηριστικά του άνθους *Calendula officinalis* L. Περιλήψεις του 16^{ου} Πανελληνίου Συνεδρίου Ελληνικής Επιστημονικής Εταιρείας Γενετικής Βελτίωσης Φυτών, 28-30 Σεπτεμβρίου Φλώρινα (in press).
- Παπαστυλιανού Π., Μπόκας Π., Τραυλός Η. (2016). Επίδραση αλατότητας στη φυτρωτική ικανότητα σπόρων καμελίνας (*Camelina sativa* (L.) Grantz.). Περιλήψεις του 16^{ου} Πανελληνίου Συνεδρίου Ελληνικής Επιστημονικής Εταιρείας Γενετικής Βελτίωσης Φυτών, 28-30 Σεπτεμβρίου Φλώρινα (in press).
- Τραυλός Η., Παπαστυλιανού Π., Ανδρέου Α., Βλάχου Ε., Χειμών Ν., Μπιλάλης Δ., Χάχαλης Δ. (2017). Οικολογική προσαρμογή βιοτύπων κόνυζας ανθεκτικών και ευαίσθητων στο ζιζανιοκτόνο glyphosate σε συνθήκες υδατικής καταπόνησης και αλατότητας. Περιλήψεις του 19^{ου} Πανελληνίου Συνεδρίου Ελληνικής Ζιζανιολογικής Εταιρείας, 29-31 Μαρτίου Ορεστιάδα.
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- Papastylianou P., Bilalis D., Travlos I. (2017). Effect of Limited Drip Irrigation Regime on Yield and Yield Components of Sesame under Mediterranean Conditions. In Proceedings of the 15th International Symposium of University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca September 2016, Cluj-Napoca. Bulletin UASVM Horticulture, 74(1), 71-73.
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- Roussis I., I. Travlos, I. Kakabouki, S. Chavalina, V. Kouneli, P. Papastylianou, D. Bilalis (2018). Evaluation of Allelopathic Effects of *Nigella sativa* L. against Rigid Ryegrass. Proceedings of the 17th International Symposium of University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca, 27-29 September 2018.

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