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Διεύθυνση – Προσωπικά Στοιχεία

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Ιδιότητα

Καθηγητής, Σχολή Γεωπονίας, Δασολογίας & Φυσικού Περιβάλλοντος Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης
Διευθυντής: Εργαστήριο Δασικής Γενετικής
Διευθυντής: ΠΜΣ Βιοοικονομία - Βιοπαρακολούθηση

Σπουδές

Διδακτορικό δίπλωμα (PhD): Πανεπιστήμιο του Toronto, Καναδάς
Πτυχίο (BSc): Πτυχίο Σχολής Δασολογίας & Φυσικού Περιβάλλοντος, Αριστοτελείου Πανεπιστήμιο Θεσσαλονίκης

Εκπαιδευτικές Συναντήσεις

1991 • Συνεξέλιξη Παθογόνων-Ξενιστών, Πανεπιστήμιο της Ουψάλα
1992 • Εφαρμογές PCR & Τεχνικές Ανάπτυξης Μοριακών Δεικτών, Πανεπιστήμιο British Columbia
1995 • Εφαρμογές Βιοτεχνολογίας, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης
2016 • Γονιδιωματική Επιλογή (INRA Bordeaux)
2018 • Βιοηθική & Δεοντολογία της Έρευνας (Ευρωπαϊκή Επιτροπή)

Διδασκαλία

- Διδάσκων & Συν-διδάσκων στο ΠΜΣ Τμήματος Δασολογίας & Φυσικού Περιβάλλοντος Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης (4 μαθήματα, 1999 – σήμερα).
- Διδάσκων & Συν-διδάσκων στο ΠΠΣ Τμήματος Δασολογίας & Φυσικού Περιβάλλοντος Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης (5 μαθήματα, 1996 – σήμερα).
- Συν-διδάσκων στο ΠΜΣ Τμήματος Γεωπονίας, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης (1 μάθημα, 1996 – σήμερα).
- Μεταπτυχιακά Σεμινάρια: Γεωπονικό Πανεπιστήμιο Αθηνών (2006 - 2014).
- Βοηθός Διδασκαλίας σε προπτυχιακά (4 μαθήματα) & ένα μεταπτυχιακό μάθημα: Faculty of Arts and Sciences, Faculty of Forestry, Innis College - University of Toronto (1989-1992).

Δημοσιεύσεις (434)

a. In International Journals: 110; b. In National Journals: 13; c. International Publications (Editorial): 4; d. Refereed Chapters in Books: 24; e. Refereed International Conference Proceedings: 22; f. Refereed National Conference Proceedings: 51; g. University Lecture Notes: 2; h. Theses: 2; i. Conference Proceedings (Extended Summaries & Abstracts): 206.

Αναφορές

Citations: 2152, *h*-index: 26 (Harzing's, Google Scholar), Citations: 1207, *h*-index: 20, (Scopus), Total Impact Factor (IF): 230.5

Επιλεγμένες Δημοσιεύσεις – Διεθνή Περιοδικά (10ετία 2014-2023)

- Verbylaitė R, Aravanopoulos FA, Baliuckas V, & A Juškauskaitė 2023. Genetic monitoring of *Alnus glutinosa* natural populations using two generation cohorts *Forests* 2023, 14, 330. <https://doi.org/10.3390/f14020330>.
- Fady B, et al. 2022. Forest Genetics Research in the Mediterranean Basin: Bibliometric Analysis, Knowledge Gaps, and Perspectives *Current Forestry Reports* 8:277–298 <https://doi.org/10.1007/s40725-022-00169-8>.
- Picard et al. 2022. Marginality indices for biodiversity conservation in forest trees. *Ecological Indicators* 143: 109367, 1-11 (IF=6.263).
- Varotto S, et al. 2022. Exploitation of epigenetic variation of crop wild relatives for crop improvement and agrobiodiversity preservation. *Theoretical and Applied Genetics* <https://doi.org/10.1007/s00122-022-04122-y>.
- El Chami MA, Tourvas N, Kazakis G, Kalaitzis P & FA Aravanopoulos 2021. Genetic characterisation of chestnut cultivars in the island of Crete. *Forests* 2(12): 1659, <https://doi.org/10.3390/f12121659>.
- Opgenoorth L, et al. 2021. The GenTree Platform: growth traits and tree-level environmental data in 12 European forest tree species. *GigaScience* 10: 1–13 doi: 10.1093/gigascience/giab010.
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- Fišer Z, Aronne G, Aavik T, Akin M, Alizoti P, Aravanopoulos FA, et al. 2021. ConservePlants: An integrated approach to conservation of threatened plants for the 21st Century 2021. *Research Ideas and Outcomes* 7: e62810 doi: [10.3897/rio.7.e62810](https://doi.org/10.3897/rio.7.e62810)
- Aravanopoulos FA, Castro S, Ensslin A, Fišer Z, Glasnović P, Godefroid S, Joshi J, Kiehn M, Klisz M, Surina B, Wiland-Szymańska J 2020. ConservePlants - A newly established network for the conservation of European threatened plants. *Botanical Gardens Journal* 17(2): 47-49.
- Fady B, Aravanopoulos FA, Benavides R, González-Martínez SC, Grivet D, Lascoux M, Lindner M, Rellstab C, Valladares F & B Vinceti 2020. Genetics to the rescue: managing forests sustainably in a changing world. *Tree Genetics & Genomes* 16: 80, <https://doi.org/10.1007/s11295-020-01474-8> (IF=2.262).
- Dalmaris E, Avramidou EV, Xanthopoulou A & FA Aravanopoulos 2020. Dataset of targeted LC-MS/MS metabolite analysis for five taxanes of Hellenic *Taxus baccata* L. populations. *Data* 5: 22, <https://doi.org/10.3390/data5010022>
- Jaramillo-Correa JP, Bagnoli F, Grivet D, Fady B, Aravanopoulos FA, Vendramin GG & SC González-Martínez 2020. Evolutionary rate and genetic load in an emblematic Mediterranean tree following an ancient and prolonged population collapse. *Molecular Ecology* 29(24): 4797-4811, <https://doi.org/10.1111/mec.15684> (IF=5.580).

- Pinosio S, Marroni F, Zuccolo A, Vitulo N, Mariette S, Sonnante G, Aravanopoulos FA, Ganopoulos I, Palasciano M, Vidotto M, Magris G, Iezzoni A, Vendramin G & M Morgante 2020. A draft genome of sweet cherry (*Prunus avium* L.) reveals genome-wide and local effects of domestication. *The Plant Journal* 103: 1420-1432, <https://doi.org/10.1111/tpj.14809> (IF=5.775).
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- Martinez-Sancho E, Slámová L, Morganti S, Grefen C, Carvalho B, Dauphin B, Rellstab C, Gugerli F, Opgenoorth L, Heer K, Knutzen F, Arx von D, Valladares F, Cavers F, Fady B, Alia R, Aravanopoulos FA, et al. 2020. The GenTree Dendroecological Collection: tree-ring and wood density data from seven tree species across Europe. *Scientific Data* 7:1 | <https://doi.org/10.1038/s41597-019-0340-y> 7:1.
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- Zambounis A, Avramidou E, Papadima A, Tsaftaris A, Arzimanoglou I, Barbas E, Madesis P & FA Aravanopoulos 2017. Adaptive response of *Pinus monticola* driven by positive selection upon resistance gene analogs (RGAs) of the TIR-NBS-LRR subfamily. *iForest* 10: 237-241, DOI: 10.3832/ifor2050-009.
- Fussi B, Westergren M, Aravanopoulos FA, Baier R, Kavaliauskas D, Finzgar D, Alizoti P, Bozic G, Avramidou E, Konnerth M & H Kraigher 2016. Forest genetic monitoring genetic monitoring: an overview of concepts and definitions. *Environmental Monitoring & Assessment* 188(8): 493, DOI 10.1007/s10661-016-5489-7.
- Aravanopoulos FA 2016. Conservation and monitoring of tree genetic resources in temperate forests. *Current Forestry Reports* 2: 119-129 (*invited paper*).
- Fady B, Aravanopoulos FA, Alizoti P, Matyas C, von Wuhlisch G, Westergren M, Belletti P, Cvjetkovic B, Ducci F, Huber G, Kelleher CT, Khaldi A, Bou Dagher Kharrat M, Kraigher H, Kramer K, Mühlethaler U, Peric S, Perry A, Rousi M, Sbav H, Stojnc S, Tijardovic M, Tsvetkov I, Varela MC, Vendramin GG & T Zlatanov 2016. Evolution-based approach needed for the conservation and silviculture of peripheral forest tree populations. *Forest Ecology and Management* 375: 66–75.
- Avramidou EV, Ganopoulos IV, Doulis AG, Tsaftaris AS & FA Aravanopoulos 2015. Beyond population genetics: natural epigenetic variation in wild cherry (*Prunus avium*). *Tree Genetics and Genomes* 11: 95 DOI 10.1007/s11295-015-0921-7.
- Aravanopoulos FA, Ganopoulos I & A Tsaftaris 2015. Population and conservation genomics in forest and fruit trees. *Advances in Botanical Research* 74: 125-156.
- Tchatchoua DT, & FA Aravanopoulos 2015. Selection strategy for chestnut (*Castanea sativa* Mill.) families originating from contrasting European populations. *Open Journal of Forestry* 5: 489-499.
- Avramidou EV, Doulis AG & FA Aravanopoulos 2015. Determination of epigenetic inheritance, genetic inheritance, and estimation of genome DNA methylation in a full-sib family of *Cupressus sempervirens* L. *Gene* 562: 180-187.
- Graudal L, Aravanopoulos FA, Bennadji Z, Changtragoon S, Fady B, Kjaer ED, Loo J, Ramamonjisoa L & GG Vendramin 2014. Global to local genetic diversity indicators of evolutionary potential in tree species within and outside forests. *Forest Ecology and Management* 333: 35-51 (IF = 3.101).
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- Ganopoulos I, Aravanopoulos FA, Madesis P, Pasentsis K, Bosmali I, Ouzounis C & A Tsaftaris 2013. Taxonomic identification of Mediterranean pines and their hybrids based on the High-Resolution Melting (HRM) and trnL approaches: from cytoplasmic inheritance to timber tracing. *PLoS ONE* 8(4): e60945. doi: 10.1371/journal.pone.0060945.