SHORT CV

Dr. Angelos Patakas, *Professor* of University of Patras,

Director of the Laboratory of Plant Production (http://plantlab.deapt.upatras.gr/en/)

Education: PhD, 1993, Aristotle University of Thessaloniki Gr., BSc, 1988, Arist. Univ. Thessaloniki, Gr.

Academics: 2012-present Professor, University of Patras, Greece

Administrative: Vice-president of the Department of Business Administration of Food and Agricultural Enterprises, University of Patras, Greece.

Research:

- 1998: Post-doc research at Institute of Forest and Resource Management, University of Edinburgh, UK.
- 2009: Post-doc research at College of Agricultural and Environmental Sciences, Division of Agriculture and Natural Resources University of California, Davis, USA.
- More than 65 publications in peer reviewed journals
- 1901 citations according to Scopus
- h-index 22
- International award for achievement in research (*Rudolf Hermanns Stiftung 2000*, Geisenheim Germany)
- Participation – coordination of more than 35 EU and Nationally-funded research, technology and development projects
- Invited speaker in many International and National Scientific conferences

Area specialization: Precision Agriculture, Plant water relations, Food safety, Food authenticity.

Selected Publications:

- McElrone AJ, Manuck CM, Brodersen CR, Patakas A, Pearsall KR, Williams LE. 2020. Functional hydraulic sectoring in grapevines as evidenced by sap flow, dye infusion,leaf removal, and microCT. Annals of Botany 13(2)
- Katerinopoulou, K., Kontogeorgos, A., Salmas, C. E., Patakas, A., & Ladavos, A. 2020. Geographical origin authentication of agri-food products: A review. Foods 9(4) 489-499.
- George Doupis, Konstantinos Chartzoulakis, Demetris Taskos and Angelos Patakas 2020. The effects of drought and supplemental UV-B radiation on physiological and biochemical traits of the grapevine culltivar "Soultanina" OENO one 54:687-698
- Kokkotos, E., Zotos, A., Tsirogiannis, G., Patakas, A. (2021) Prediction of olive tree water requirements under limited soil water availability, based on sap flow estimation. Agronomy, 11 (7), art. no. 1318,
- Patakas, A., Triantafyllidis, V., Kokkotos, E., Zotos, A., Michos, K., Karaboiki, K., Chatzipapadopoulos, F (2022). Irrigation scheduling using continuously monitored data of soil volumetric water content. Acta Horticulturae, 1335, pp. 613-618.
- Tsirogiannis, G., Thomatou, A., Psarra, E., Mazarakioti, C., Katerinopoulou, K., Zotos, A., Kontogeorgos, A., Patakas, A., Ladavos, A. (2022). Probabilistic Machine Learning for the Authentication of the Protected Designation of Origin of Greek Bottarga from Messolongi: A Generic Methodology to Cope with Very Small Number of Samples. Applied Sciences (Switzerland), 12 (13), art. no. 6335,.
- Thomatou, A.-A., Psarra, E., Mazarakioti, E.C., Katerinopoulou, K., Tsirogiannis, G., Zotos, A., Kontogeorgos, A., Patakas, A., Ladavos, A. (2022). Stable Isotope Analysis for the Discrimination of the Geographical Origin of Greek Bottarga 'Avgotaracho Messolongiou': A Preliminary Research. Foods, 11 (19), art. no. 2960.
- Mazarakioti, E.C., Zotos, A., Thomatou, A.-A., Kontogeorgos, A., Patakas, A., Ladavos, A. (2022). Inductively Coupled Plasma-Mass Spectrometry (ICP-MS), a Useful Tool in Authenticity of Agricultural Products' and Foods' Origin. Foods, 11 (22), art. no. 3705
- Kokkotos, E., Zotos, A., Patakas, A., Louka, P., Kalatzis, N. (2022). Irrigation scheduling based on stress coefficient (Ks) estimations in two different peach cultivars. Acta Horticulturae, 1352, pp. 555-559.
- Tsirogiannis, G., Zotos, A., Mazarakioti, E.C., Kokkotos, E., Kontogeorgos, A., Patakas, A., Ladavos, A. (2023). A Statistical Approach to Identify Appropriate Sampling Scheme Capable of Geographical Identification Analysis of the Protected Origin Pulse Crops in Greece. Applied Sciences (Switzerland), 13 (6), art. no. 3623.