



GEORGE ADAMIDES

SENIOR AGRICULTURAL RESEARCH OFFICER

Agricultural Research Institute

Rural Development Section

P.O. Box 22016, 1516 Nicosia

Telephone: +357-22403133

Facsimile: +357-22316770

Email: gadamides@ari.moa.gov.cy

Researchgate https://www.researchgate.net/profile/George_Adamides

ORCID: <https://orcid.org/0000-0001-7343-8765>

EDUCATION AND TRAINING

- PhD Information and Communication Systems, Open University of Cyprus. 2016.
- MSc Computer Science, Western Michigan University, Kalamazoo, Michigan, USA. 1999.
- BSc Computer Science, Western Michigan University, Kalamazoo, Michigan, USA. 1997.

RESEARCH INTERESTS

- Smart Agriculture – Smart Farming
- Robotics in agriculture
- Internet of Things in agriculture
- Human-Computer Interaction
- Human-Robot Interaction

ADDITIONAL INFORMATION

Publications

- Edan, Y., Adamides, G., Oberti, R. (2023). Agriculture Automation. In: Nof, S.Y. (eds) Springer Handbook of Automation. Springer Handbooks. Springer, Cham. https://doi.org/10.1007/978-3-030-96729-1_49
- Adamides, G., & Edan, Y. (2023). Human-robot collaboration systems in agricultural tasks: A review and roadmap. Computers and Electronics in Agriculture, 204, 107541. <https://doi.org/10.1016/j.compag.2022.107541>
- Moysiadis, T., Adamides, G., Stylianos, A., Zotos, N., Giannakopoulou, M., & Alexiou, G. (2021). Use of IoT technologies for irrigation and plant protection: The case for Cypriot fruits and vegetables. In Bio-Economy and Agri-Production (pp. 175-194). Academic Press. <https://doi.org/10.1016/B978-0-12-819774-5.00010-2>
- Adamides, G., Kalatzis, N., Stylianos, A., Marianos, N., Chatzipapadopoulos, F., Giannakopoulou, M., & Neocleous, D. (2020). Smart farming techniques for climate change adaptation in Cyprus. Atmosphere, 11(6), 557. <https://doi.org/10.3390/atmos11060557>
- Adamides, G. (2020). A review of climate-smart agriculture applications in Cyprus. Atmosphere, 11(9), 898. <https://doi.org/10.3390/atmos11090898>
- Markou, M., Stylianos, A., Giannakopoulou, M., & Adamides, G. (2020). Identifying business-to-business unfair trading practices in the food supply chain: The case of Cyprus. New Medit: Mediterranean Journal of Economics, Agriculture and Environment, 19(1). <https://doi.org/10.30682/nm2001b>
- Adamides, G., & Stylianos, A. (2018). Evaluation of the radio as an

agricultural information source in rural areas. *Journal of Agricultural & Food Information*, 19(4), 362-376.

<https://doi.org/10.1080/10496505.2017.1401480>

- Adamides, G., Katsanos, C., Constantinou, I., Christou, G., Xenos, M., Hadzilacos, T., & Edan, Y. (2017). Design and development of a semi-autonomous agricultural vineyard sprayer: Human-robot interaction aspects. *Journal of Field Robotics*, 34(8), 1407-1426. <https://doi.org/10.1002/rob.21721>
- Adamides, G., Katsanos, C., Parmet, Y., Christou, G., Xenos, M., Hadzilacos, T., & Edan, Y. (2017). HRI usability evaluation of interaction modes for a teleoperated agricultural robotic sprayer. *Applied ergonomics*, 62, 237-246 <https://doi.org/10.1016/j.apergo.2017.03.008>
- Adamides, G., Christou, G., Katsanos, C., Xenos, M., & Hadzilacos, T. (2014). Usability guidelines for the design of robot teleoperation: A taxonomy. *IEEE Transactions on Human-Machine Systems*, 45(2), 256-262. <https://doi.org/10.1109/THMS.2014.2371048>

Projects

- <https://carbonica-hub.eu/>
- <https://econutri-project.eu/>
- <https://ploutos-h2020.eu/>