



Curriculum Vitae

Dr. Evangelos K. Anastasiou
Assisntant Professor

Thessaloniki, September 2025

1 Personal Details

Full Name	Evangelos ANASTASIOU
Date of Birth	14 December 1985
Location of Birth	Larissa, Greece
Office Address	University Campus, Aristotle University of Thessaloniki
Postal Code	54124
City	Thessaloniki, Greece
Office Number	+302310998757
Mobile	+306947688996
e-mail	ekanastasiou@agro.auth.gr
Gender	Male
Ethnicity	Greek

2 Studies

Studies

2015 - 2020	Doctoral Thesis (PhD) on “Application of Precision Agriculture in Table Grape Cultivation”. Department of Natural Resources Management and Agricultural Engineering, School of Environment and Agricultural Engineering, Agricultural University of Athens. Excellent.
2012 - 2014	Postgraduate Diploma (MSc) in “Modern Agricultural Production Systems in the Mediterranean Area with Emphasis on Sustainable Production and the Use of New Technologies” with a focus on “Agricultural Engineering – Natural Resources Management”. School of Agricultural Sciences. University of Thessaly. Excellent (9.46/10).
2003 - 2008	Bachelor of Agriculture (BSc) from the School of Agriculture with a focus on “Field Crops”. Aristotle University of Thessaloniki. Very Good (6.69/10).

3 Research Interests

- Agricultural Machinery and New Technologies in Agriculture
- Human-Machine Interaction in Agro-technology
- Precision Agriculture
- Robotic Technologies in Agriculture
- Remote Sensing (Satellite, Aerial, Proximal)
- Geographic Information Systems
- Internet of Things (IoT) with applications in the Agri-Food Sector
- Machine Learning and Big Data Analysis
- Circular Economy
- Life Cycle Analysis
- Design and Development of Advanced Decision Support Systems
- Plant Phenotyping

4 Scholarship

2003 - 2004	Scholarship from the State Scholarships Foundation for my admission to the School of Agriculture of the Aristotle University of Thessaloniki as 6th in the ranking.
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5 Teaching Experience

Before my election to the position of Assistant Professor

2015 – 2018	Research Associate and PhD Candidate: Teaching laboratory courses for undergraduate and graduate courses: • Agricultural Engineering in the Department of Plant Production Science (Undergraduate)
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	• Tractors – Agricultural Machinery, in the Department of Natural Resources & Agricultural Engineering, Departments of Soil Science and Water Resources (Undergraduate) • Tractors – Agricultural Machinery, in the Department of Natural Resources & Agricultural Engineering, Department of Agricultural Constructions and Agricultural Machinery (Undergraduate) • Precision Agriculture (Undergraduate) • Field Data Collection - Precision Agriculture (Postgraduate)
27 – 11 - 2023	Guest Lecturer in the framework of the Marie Skłodowska-Curie project entitled “EnTrust: Next Generation of Trustworthy Agri-Data Management” (https://lnu.se/en/meet-linnaeus-university/current/events/2023/entrust-training-week-/) on the topic “Smart Farming and Sustainability” to a group of doctoral candidates in the English Language

After my election to the position of Assistant Professor

07/2025 – Today	Teaching undergraduate and postgraduate courses: • Agricultural Engineering (undergraduate) • Agricultural Machinery Management (undergraduate) • Drying-Storage of Agricultural Products (undergraduate) • Electric Motors – Pumps (undergraduate) • Mechanical Harvesting of Agricultural Products (undergraduate)
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6 Professional Activity

06/2025 - Today	Aristotle University of Thessaloniki Tenured Assistant Professor in the field of Agricultural Engineering (Government Gazette 3’ 1645/05.05.2025)
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05/2025 - Today	Smart Agricultural Technology (ELSEVIER) Associate Editor
05/2015 - 12/2020, 09/2022 – 06/2025	Agricultural University of Athens Scientific associate in research projects, teaching courses, supporting theses, conducting field experiments, writing and submitting research proposals, writing scientific papers and reports, participating in technical meetings
07/2014 – 06/2025	Freelancer Research and Experimental Development Services in Agricultural Science
07/2018 - 03/2021	AGENSO Scientific collaborator in research projects, customer support, installation of IoT systems, conducting field experiments, writing and submitting scientific proposals, writing reports, participating in technical meetings
12/2013 - 06/2015	Center for Research and Technological Development Hellas Scientific collaborator in the research project "Green Vineyard: Environmental optimization of viticulture using precision agriculture technologies", conducting field experiments, writing reports, participating in technical meetings
09/2010 - 11/2010	PIONEER HI-BRED HELLAS Itinerant Agronomist with the task of supervising cotton seed centers in the Larissa region
07/2007 - 08/2007	National Agricultural Research Foundation – Cereals Institute Practical Training School of Agriculture, Aristotle University of Thessaloniki

7 Indicative Research Projects

- **APOLLO** - Advisory platform for small farms based on earth observation (<https://cordis.europa.eu/project/id/687412>)
- **IoF2020** - Internet of Food and Farm 2020 (<https://cordis.europa.eu/project/id/731884>)
- **D4AgEcol** - Digitalisation For Agroecology (<https://cordis.europa.eu/project/id/101060759>)

- **CrackSense** - High throughput real-time monitoring and prediction of fruit cracking by utilising and upscaling sensing and digital data technologies (<https://cordis.europa.eu/project/id/101086300>)
- **EnTrust** - Next Generation of Trustworthy Agri-Data Management (<https://cordis.europa.eu/project/id/101073381>)
- **GreenVineyard** - Environmental optimization of viticulture using precision agriculture technologies

8 Publications

Before my election to the position of assistant professor

8.1. Doctoral Thesis

Anastasiou, E. (2020). Application of precision agriculture in table grape cultivation (Doctoral dissertation, Agricultural University of Athens. School of Environment and Agricultural Engineering. Department of Natural Resources Management and Agricultural Engineering. Sector of Agricultural Constructions and Agricultural Engineering. Laboratory of Farm Machine Systems).

8.2. Postgraduate Diploma Thesis

Anastasiou, E. (2014). Study of phenotypic variability using remote sensing methods in phenotypic mapping. (Master thesis, University of Thessaly. School of Agricultural Sciences. Department of Agriculture, Plant Production and Rural Environment. Laboratory of Agricultural Mechanization).

8.3. Writing Chapters in Books with Full Text Review

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1. Fountas, S., **Anastasiou, E.**, Tsiropoulos, Z., Tagarakis, A., & Balafoutis, A. (2019). Key challenges and methods in identifying management zones. In Precision Agriculture for Sustainability (pp. 129-143). Burleigh Dodds Science Publishing Limited.
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2. Fastellini, G., & Schillaci, C. (2020). Precision farming and IoT case studies across the world. In *Agricultural Internet of Things and Decision Support for Precision Smart Farming* (pp. 331-415). Academic Press.
Subchapter 7.2: Fountas, S., & Anastasiou, E. (2020). Greece – precision agriculture in Greece (pp. 348-355).

 3. Taylor J.A., **Anastasiou, E.**, Fountas, S., Tisseyre, B., Molin, J.P., Trevisan, R.G., Chen H., & Travers, M. (2021) Applications of Optical Sensing of Crop Health and Vigour. In: Kerry R., Escolà A. (eds) *Sensing Approaches for Precision Agriculture. Progress in Precision Agriculture* (pp. 333-367). Springer, Cham.
Subchapter 12.1: Anastasiou, E. & Fountas, S. (2021). Health and vigour for table grapes in Greece (pp.335-341).

 4. Gemtou, M., Guillén, B. C., & **Anastasiou, E.** (2024). Smart farming technologies and sustainability. In *Digital Sustainability: Leveraging Digital Technology to Combat Climate Change* (pp. 99-120). Cham: Springer Nature Switzerland.

8.4. Scientific Journals with Impact Factor (IF)

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1. Travlos, I., Mikroulis, A., **Anastasiou, E.**, Fountas, S., Bilalis, D., Tsiropoulos, Z., & Balafoutis, A. (2017). *The use of RGB cameras in defining crop development in legumes*. *Advances in Animal Biosciences*, 8(2), 224-228.

 2. **Anastasiou, E.**, Tsiropoulos, Z., Balafoutis, T., Fountas, S., Templalexis, C., Lentzou, D., & Xanthopoulos, G. (2017). *Spatiotemporal stability of management zones in a table grapes vineyard in Greece*. *Advances in Animal Biosciences*, 8(2), 510-514.

 3. **Anastasiou, E.**, Tsiropoulos, Z., Fountas, S., Osann, A., Protic, D., Simeonidou, M., & Xenidis, L. (2017). *User requirements for a satellite-based advisory platform*. *Advances in Animal Biosciences*, 8(2), 368-371.

 4. Balafoutis, A. T., Koundouras, S., **Anastasiou, E.**, Fountas, S., & Arvanitis, K. (2017). *Life cycle assessment of two vineyards after the application of precision viticulture techniques: a case study*. *Sustainability*, 9(11), 1997.

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5. **Anastasiou, E.**, Balafoutis, A., Darra, N., Psiroukis, V., Biniari, A., Xanthopoulos, G., & Fountas, S. (2018). *Satellite and proximal sensing to estimate the yield and quality of table grapes*. Agriculture, 8(7), 94. Impact factor: 3.6, *Επεροαναφορές*: **112**

 6. **Anastasiou, E.**, Castrignanò, A., Arvanitis, K., & Fountas, S. (2019). *A multi-source data fusion approach to assess spatial-temporal variability and delineate homogeneous zones: A use case in a table grape vineyard in Greece*. Science of the Total Environment, 684, 155-163.

 7. Angelopoulou, F., **Anastasiou, E.**, Fountas, S., & Bilalis, D. (2020). *Evaluation of Organic Camelina Crop Under Different Tillage Systems and Fertilization Types Using Proximal Remote Sensing*. Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Horticulture, 77(1).

 8. Darra, N., Psomiadis, E., Kasimati, A., Anastasiou, A., **Anastasiou, E.**, & Fountas, S. (2021). *Remote and Proximal Sensing-Derived Spectral Indices and Biophysical Variables for Spatial Variation Determination in Vineyards*. Agronomy, 11(4), 741.

 9. **Anastasiou, E.**, Xanthopoulos, G., Templalexis, C., Lentzou, D., Panitsas, F., Mesimeri, A., Karagianni, E., Biniari, A., & Fountas, S. (2022). *Climatic indices as markers of table-grapes postharvest quality: a prediction exercise*. Smart Agricultural Technology, 2, 100059.

 10. **Anastasiou, E.**, Templalexis, C., Lentzou, D., Biniari, K., Xanthopoulos, G., & Fountas, S. (2023). *Do soil and climatic parameters affect yield and quality on table grapes?*. Smart Agricultural Technology, 3, 100088.

 11. **Anastasiou, E.**, Balafoutis, A. T., & Fountas, S. (2023). *Trends in remote sensing technologies in olive cultivation*. Smart Agricultural Technology, 3, 100103

 12. **Anastasiou, E.**, Balafoutis, A., Theocharis, S., Theodorou, N., Koundouras, S., & Fountas, S. (2022). *Assessment of Laser Scanner Use under Different Settings in Two Differently Managed Vineyards for Estimating Pruning Wood Parameters*. AgriEngineering, 4(3), 733-746.

 13. **Anastasiou, E.**, Balafoutis, A. T., & Fountas, S. (2023). *Applications of extended reality (XR) in agriculture, livestock farming, and aquaculture: A review*. Smart Agricultural Technology, 3, 100105.
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14. Espejo-Garcia, B., Panoutsopoulos, H., **Anastasiou, E.**, Rodríguez-Rigueiro, F. J., & Fountas, S. (2023). *Top-tuning on transformers and data augmentation transferring for boosting the performance of weed identification*. Computers and Electronics in Agriculture, 211, 108055.

 15. **Anastasiou, E.**, Fountas, S., Koutsiaras, M., Voulgaraki, M., Vatsanidou, A., Barreiro-Hurle, J., Di Bartolo, F., & Gómez-Barbero, M. (2023). *Precision farming technologies on crop protection: A stakeholders survey*. Smart Agricultural Technology, 5, 100293

 16. **Anastasiou, E.**, Fountas, S., Voulgaraki, M., Psiroukis, V., Koutsiaras, M., Kriezi, O., Lazarou, E., Vatsanidou, A., Fu, L., Barreiro-Hurle, J., Di Bartolo, F., & Gómez-Barbero, M. (2023). *Precision farming technologies on crop protection: A meta-analysis*. Smart Agricultural Technology, 5, 100323

 17. Darra, N., **Anastasiou, E.**, Kriezi, O., Lazarou, E., Kalivas, D., & Fountas, S. (2023). *Can Yield Prediction Be Fully Digitized? A Systematic Review*. Agronomy, 13(9), 2441.

 18. Fountas, S., Espejo-García, B., Kasimati, A., Gemtou, M., Panoutsopoulos, H., & **Anastasiou, E.** (2024). *Agriculture 5.0: Cutting-edge technologies, trends, and challenges*. IT Professional, 26(1), 40-47.

 19. Gemtou, M., Kakkavou, K., **Anastasiou, E.**, Fountas, S., Pedersen, S. M., Isakhanyan, G., Erekalov, K. T., & Pazos-Vidal, S. (2024). *Farmers' transition to climate-smart agriculture: A systematic review of the decision-making factors affecting adoption*. Sustainability, 16 (7), 2828.

 20. Sullivan, C. S., Gemtou, M., **Anastasiou, E.**, & Fountas, S. (2024). *Building trust: A systematic review of the drivers and barriers of agricultural data sharing*. Smart Agricultural Technology, 8, 100477.

8.5. Proceedings of International Conferences with Full Text Review

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1. Fountas, S., **Anastasiou, E.**, Balafoutis, A., Koundouras, S., Theoharis, S., & Theodorou, N. 2014. *The influence of vine variety and vineyard management on the*
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- effectiveness of canopy sensors to predict winegrape yield and quality*. International Conference of Agricultural Engineering, AgEng 2014, Zurich, July 6-10, 2014.
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2. Fountas, S., Balafoutis, A., **Anastasiou, E.**, Kotseridis, G., Kallithraka, E., Kyraleou, M., & Koundouras, S. 2014. *Site-specific variability of grape composition and wine quality*. 12th International Conference of Precision Agriculture, Sacramento California, USA July 20-24, 2014V.

 3. Fountas, S., **Anastasiou, E.**, Xanthopoulos, G., Lambrinos, G., Manolopoulou, E., Apostolidou, S., Lentzou, D., & Tsiropoulos, Z. 2015. *Precision Agriculture in watermelons*. ECPA2015, Tel Aviv, Israel, pp. 207-216.

 4. **Anastasiou, E.**, Balafoutis, A., Lentzou, D., Tsiropoulos, Z., Xanthopoulos, G., & Fountas, S. (2016). *Validation of 5 spectral vegetation indices in estimating yield and quality parameters on table grapes using a side canopy sensor*. In CIGR-AgEng Conference, 26-29 June 2016, Aarhus, Denmark. Abstracts and Full papers (pp. 1-8). Organising Committee, CIGR 2016.

 5. Fountas, S., Tsiropoulos, Z., Stamatelopoulos, P., **Anastasiou, E.**, Hutzenlaub, T., Radišić, M., Minic, V., & Rau, P. (2019). *A Serious Video Game For Smart Farming Technologies*. In EFITA-HAICTA-WCCA Congress, Rhodes, Greece, 27-29 June, pp. 240-245.

 6. **Anastasiou, E.**, Fountas, S., Koutsiaras, M., Voulgaraki, M., Barreiro-Hurle, J., Di Bartolo, F., & Gómez-Barbero, M. (2023). *Trends and beliefs of precision farming technologies to reduce pesticide use and risks*. In Precision agriculture'23 (pp. 757-764). Wageningen Academic Publishers.

 7. Landi, A., **Anastasiou, E.**, Aviziotis, I., Behrendt, K., Borchard, N., Kantelhardt, J., Pedersen, S. M., Pesonen, L., Reimand, K., Santos Silva, C., Schwierz, F., & Meyer-Aurich, A. (2023). Digitalisation for agroecology: Agenda for an inclusive policy roadmap. In Proceedings of the 6th Symposium on Agri-Tech Economics for Sustainable Futures (pp. 41-46). HAU Publications.

 8. Sullivan, C., Gemtou, M., Anastasiou, E., Uyar, H., & Fountas, S. (2024). *Can we leverage data sharing benefits to increase the adoption of smart farming technologies?* In AgEng 2024 Proceedings (pp. 282-291), Athens, July 1-4, 2024.

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9. **Anastasiou, E.**, Stamatelopoulos, P., Kotsiomitris, P., Fountas, S., Schwierz, F., & Meyer-Aurich A. (2024). *D4AgEcol Platform: A web platform to promote the use of digital tools and technologies in agroecology*. In AgEng 2024 Proceedings (pp. 682-689), Athens, July 1-4, 2024.

 10. Meyer-Aurich, A., Schwierz, F., Moroder, A., Kantelhardt, J., Reimand, K., Pedersen, S. M., Landi, A., Behrendt, K., Maritan, E., Gabriel, A., Fountas, S., & **Anastasiou, E.** (2024). *Harmonising agroecology and digitalisation for sustainable European agriculture*. In AgEng 2024 Proceedings (pp. 698-701), Athens, July 1-4, 2024.

 11. Nikolakopoulou, G., Grivakis, K.-E., Anastasiou, E., Zude-Sasse, M., Regen, C., Zapata, N. T., Alchanatis, V., Sadka, A., Ginzberg, I., Laor, M., & Fountas, S. (2024). *Estimating pomegranate fruit cracking through proximal and aerial remote sensing*. In AgEng 2024 Proceedings (pp. 136-143), Athens, July 1-4, 2024.

8.6. Proceedings of International Conferences with Abstract Review

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1. Angelopoulou, F., **Anastasiou, E.**, Fountas, S., & Bilalis, D. (2016, October). *Response of organic Camelina sativa crop under different tillage systems and fertilization types*. Agroecology 2016 – 1st International Conference on “Ecology - Agroecology - Environmental Health Monitoring and Protection”, 3-4 October, Athens, Greece.

 2. **Anastasiou, E.**, Castrignanò, A., & Fountas, S. (2018, April). *A multi-source data fusion approach to assess spatial-temporal variability and delineate homogeneous zones in a vineyard in Greece*. 20th EGU General Assembly, EGU2018, Proceedings from the conference held 8-13 April, 2018 in Vienna, Austria, p.18518.

8.7. Proceedings of Greek Conferences

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1. **Anastasiou, E.**, Vlachostergios, D., Fountas, S., Mavromatis, A., & Gemtos, Th. 2014. Evaluation of the NDVI Index in the Study of Variability of Vetch and Lentil

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- Varieties. 15th Conference of the Hellenic Scientific Society for Plant Genetic Improvement, 15-17 October, Larissa, pp.337-342.
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2. **Anastasiou, E.**, Fountas, S., Balafoutis, A., Koundouras, S., Theocharis, S., & Theodorou, N. 2015. The Effect of Variety and Vine Management on the Prediction of Quality and Quantity of Production Using Foliage Sensors. 1st Conference on Geographic Information Systems and Spatial Analysis in Agriculture and the Environment, 28-29 May, Athens, pp. 223-235.
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3. Mikroulis, A., **Anastasiou, E.**, Fountas, S., Travlos, H., Tsiropoulos, Z., & Balafoutis, A. 2015. Monitoring Crop Growth Using a Spectral Sensor and RGB Camera. 1st Conference on Geographic Information Systems and Spatial Analysis in Agriculture and the Environment, 28-29 May, Athens, pp. 236-246.
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4. Fountas, S., Balafoutis, A., **Anastasiou, E.**, Koundouras, S., Kotseridis, G., Kallithraka, S., & Kalyvas, D. 2015. Variability of Grape Characteristics and Wine Quality at the Field Level in the Agiorgitiko Vineyard in Nemea. 1st Conference on Geographic Information Systems and Spatial Analysis in Agriculture and the Environment, 28-29 May, Athens, pp. 247-259.
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5. Kavvadias, A., **Anastasiou, E.**, Gala, E., Fountas, S., Michas, S., & Alexandris, S. 2015. Exploitation of NDVI and Temperature Images in Precision Agriculture Using Unmanned Aerial Vehicles. 1st Conference on Geographic Information Systems and Spatial Analysis in Agriculture and the Environment, 28-29 May, Athens, pp. 260-275.
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6. Mikroulis, A., **Anastasiou, E.**, Fountas, S., Balafoutis, A., & Travlos, H. 2015. Monitoring Crop Growth Using a Spectral Sensor and RGB Camera. 9th Panhellenic Conference of Agricultural Engineering, 8-9 October, Thessaloniki, pp. 739-746.
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7. **Anastasiou, E.**, Fountas, S., Balafoutis, A., Koundouras, S., Theocharis, S., Theodorou, N., & Hatzinikos, A. 2015. Evaluation of Laser Scanner Measurement Methods for Mapping Winter Wood in Two Winemaking Grape Varieties. 9th Panhellenic Conference of Agricultural Engineering, 8-9 October, Thessaloniki, pp. 747-754.
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8. Arapis, D., **Anastasiou, E.**, Tsiropoulos, Z., Balafoutis, A., & Fountas, S. 2015. Georeferencing Software for Laser Scanner Measurements – Use in an Experimental Vineyard and Tree Crops. 9th Panhellenic Conference of Agricultural Engineering, 8-9 October, Thessaloniki, pp. 755-762.

 9. Tsoulas, N., Balafoutis, A., **Anastasiou, E.**, & Fountas, S. 2015. Investigation of the Application of Precision Agriculture in a Malagouzia Vineyard in Attica. 9th Panhellenic Conference of Agricultural Engineering, 8-9 October, Thessaloniki, pp. 771-778.

 10. Apostolidi, S., Fountas, S., **Anastasiou, E.**, Xanthopoulos, G., Lambrinos, G., Manolopoulou, E., Lentzou, D., & Tsiropoulos, Z. 2015. Measuring Watermelon Production and Quality Using Precision Agriculture. 9th Panhellenic Conference on Agricultural Engineering, 8-9 October, Thessaloniki, pp. 779-785.

 11. Pitikaris, G., Balafoutis, A., Tsiropoulos, Z., **Anastasiou, E.**, & Fountas, S. 2015. Construction of a Wheeled Weighing Measuring System and Development of Appropriate Software for Geospatial Measurement of Production. 9th Panhellenic Conference of Agricultural Engineering, 8-9 October, Thessaloniki, pp. 795-802.

 12. **Anastasiou E.**, Kounani K., Tzouvaras S., Balafoutis A., Templalexis C., Lentzou D., Tsiropoulos Z., Xanthopoulos G., & Fountas S., 2017. Evaluation of 5 Spectral Vegetation Indices for the Estimation of Yield and Quality Parameters in Table Grapes Using a Foliage Sensor. 2nd Conference on Geographic Information Systems and Spatial Analysis in Agriculture and the Environment, 25-26 May, Athens.

 13. **Anastasiou E.**, Kounani K., Tzouvaras S., Balafoutis A., Templalexis C., Lentzou D., Tsiropoulos Z., Xanthopoulos G., & Fountas S., 2017. Evaluation of NDVI and NDRE in the Estimation of the Quality and Quantity of Two Different Wine Varieties. 2nd Conference on Geographic Information Systems and Spatial Analysis in Agriculture and the Environment, 25-26 May, Athens.

 14. Mesimeri A., Karagianni E., **Anastasiou E.**, Panitsas F., Lentzou D., Templalexis C., Xanthopoulos G., & Fountas S., 2017. Preservation of table grapes in two growing years depending on soil type. 10th Panhellenic Conference of Agricultural Engineering, 28-29 September, Athens, pp. 593-602.
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15. Mastrodimos, N.S., Lentzou, D.I., Templalexis, H.G., **Anastasiou, E.**, Tsiropoulos, Z., Fountas, S., Xanthopoulos, G., & Tsitsigiannis, D. 2018. Development of an intelligent system for visual detection of contaminated shelled pistachios by the aflatoxin fungus *Aspergillus flavus*. 19th Panhellenic Phytopathological Conference, 30 October-1 November, Athens.

 16. Darra, N., Fountas, S., & **Anastasiou, E.** 2019. Vineyard Monitoring Using Ground Sensor Data and Satellite Images. 11th Panhellenic Conference on Agricultural Engineering, November 8, Volos, pp. 30-41.

 17. Economides, A., **Anastasiou, E.**, Tsoulas, N., Xanthopoulos, G., & Fountas, S., 2019. Modeling of the CCCI Vegetation Index for the Estimation of Quality and Production in Table Grapes. 11th Panhellenic Conference of Agricultural Engineering, November 8, Volos pp. 140-150.

 18. **Anastasiou, E.**, Koutsiaras, M.-G., Psiroukis, V., Lazarou, E., Kriezis, O., Voulgaraki, S., & Fountas, S., 2023. Meta-Analysis of a Literature Review on the Use of Smart Agriculture Technologies for Plant Protection in Orchards. 13th Panhellenic Conference on Agricultural Engineering, 19 October, Athens, pp. - .

8.8. Special Interest Magazines

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1. **Anastasiou, E.**, Petropoulou, A.-S., & Fountas S. (2024). Use of sensors in outdoor and greenhouse crops. *Epi Gis*, Issue 23, Page 27.

 2. **Anastasiou, E.**, Psiroukis, V., & Fountas S. (2024). New Technologies in Crop Sowing. *Agro.Tec Magazine* Issue 19, Pages 42-44.

After my election to the position of assistant professor

8.9. Scientific Journals with Impact Factor (IF)

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21. Comparetti, A., **Anastasiou, E.**, Kasimati, A., & Fountas, S. (2025). *Precision viticulture in Mediterranean countries: From vegetation vigour and yield maps to spatially and temporally variable vintage*. *AIMS Agriculture and Food*, 10(2), 390-422.

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22. Maritan, E., **Anastasiou, E.**, Psiroukis, V., Lowenberg-DeBoer, J., Fountas, S., & Behrendt, K. (2025). *An agroecological assessment of uncrewed aerial vehicle spraying in Greek viticulture*. *Smart Agricultural Technology*, 10, 100837.
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8.10. *Proceedings of International Conferences with Full Text Review*

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12. Gabriel, A., Meyer-Aurich, A., Schwierz, F., Anastasiou, E., Maritan, E., Moroder, A., Pedersen, S. M., & Pesonen, L. (2025). *Innovation-Population-Fit: Anwendung eines qualitativ-quantitativen Adoptionsmodells auf mehrere digitale Technologien und europäische Regionen*. In 45. GIL-Jahrestagung, Digitale Infrastrukturen für eine nachhaltige Land-, Forst-und Ernährungswirtschaft (pp. 243-248). Gesellschaft für Informatik eV.
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13. Maritan, E., **Anastasiou, E.**, Psiroukis, V., Lowenberg-DeBoer, J., Fountas, S., & Behrendt, K. (2025). *An agroecological assessment of UAV spraying in Greek viticulture*. In *Precision agriculture'25* (pp. 1061-1067). Wageningen Academic.
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9 Reviewer of Scientific Papers

9.1. *Scientific Journals*

Remote Sensing (MDPI): 26

Horticulturae (MDPI): 1

Agriculture (MDPI): 2

Agriengineering (MDPI): 1

Robotics (MDPI): 1

Agronomy (MDPI): 7

Sustainability (MDPI): 1

Soil Systems (MDPI): 1

Plants (MDPI): 1

Sensors (MDPI): 1

Computers and Electronics in Agriculture (Elsevier): 5

Smart Agricultural Technology (Elsevier): 20

Information Fusion (Elsevier): 1

Precision Agriculture (Elsevier): 3

Heliyon (Elsevier): 2

Plant Science (Frontiers): 2

Irrigation Science (Springer): 2

Scientific Reports (Springer): 1

9.2. Conferences

10th Panhellenic Conference on Agricultural Engineering (EGME 2017): 2

11th European Conference on Precision Agriculture (ECPA 2017): 1

10 Computer Knowledge

Operating system: Microsoft Windows

Office Suite: Microsoft Office

- European Computer Driving Licence

Statistical Analysis Software: IBM SPSS, Statgraphics Centurion

Geospatial Data Creation and Analysis Software: ESRI ArcGIS, Blue Marble Global Mapper, QGIS, Golden Software Surfer, Google Earth Pro

Robotic Systems Path Planning Software: ArduPilot Mission Planner, QGroundControl

Mosaic Image Creation Software: Agisoft Metashape

No code web application platform: Bubble

11 Knowledge of Using UAS and Precision Agriculture Sensors

I hold a certificate in the handling of UAS for categories A1, A2 & A3

Micasense RedEdge (Multispectral Camera), Sick LMS-100 (LIDAR), Holland Scientific Crop Circle (Close Foliage Sensor), Holland Scientific Rapid Scan (Close Foliage Sensor), Geonics EM38 (Electrical Conductivity Measurement Sensor), Positioning System Receivers, Processing of Multispectral Images from Satellite Systems (Landsat, Sentinel-2), Internet of Things Systems for measuring physicochemical parameters that affect crop growth, etc.

12 Other Languages

Mother Tongue	Greek									
Other Languages										
European Level (*)	Comprehension				Speaking				Writing	
	Listening		Reading		Oral Communication		Oral Spraking			
	C2	Proficient User	C2	Proficient User	C2	Proficient User	C2	Proficient User	C2	Proficient User
English										

(*)Common European Framework of Reference for Languages

English Degrees

- Certificate of Proficiency in English. University of Michigan.
- First Certificate in English. University of Cambridge

13 Participation in Scientific Associations

- Member of the Geotechnical Chamber of Greece (GEOTEE)
- Member of the Agricultural Association of Larissa
- Member of the Society of Agricultural Engineers of Greece (EGME)
- Member of committee of Young Professional Network by European Society of Agricultural Engineers (EurAgEng)