

ATHANASIOS GERTSIS
Recent publications

BOOKS

1. Koukoulakis, P., Simonis, A and Gertsis, A. 2000. ***Soil organic matter-The problem of Greek soils***. A. Stamoulis Publications, Athens, Greece - IN GREEK
2. De Clercq, A. C. Gertsis, G. Hofman, S.C. Jarvis, J.J. Neeteson and F. Sinabell. 2001 (eds). ***Nutrient Management Legislation in European Countries (N.U.M.A.L.E.C.)***. Dept. of Soil Management and Soil Care, Faculty of Agricultural and Biological Sciences, University of Gent. Wageningen Pers, The Netherlands (ISBN 90-806537-2-1), p. 346.
3. Gertsis, A. 2013. (editor) **PRECISION AGRICULTURE – a tool to implement sustainability aspects of the new EU Common Agricultural Policy (CAP) in 2014-2020** *Book of Abstracts, ESNA International Conference, Thessaloniki 2013*. ISBN: 978-618-80868-0-7
4. Gertsis, A. 2014. (editor) ***Innovative olive production systems adapted for mechanical harvesting: holistic approaches for sustainable management***. Book of Abstracts International Workshop/Conference, 12-15 Nov. 2014, Thessaloniki, Greece (ISBN 978-618-80868-1-4)
5. Gertsis, A. 2014. (editor) ***Innovative olive production systems adapted for mechanical harvesting: holistic approaches for sustainable management***. Book of Presentations. International Workshop/Conference, 12-15 Nov. 2014, Thessaloniki, Greece (ISBN 978-618-80868-2-1)
6. Gertsis, A. 2015. Soil management and amelioration. Lecture and Laboratory notes. Alexander's Technological Educational Institute, School of Agricultural Technology, Dept. of Plant Production, Thessaloniki, Greece –IN GREEK-(*e-book*)
7. Gertsis, A. 2017. **Precision Agriculture - Simplified techniques for sustainable agrofood and environmental systems management using the “L.I.S.A. and SO.CR.A.T.E.E.S.®” approach**. Perrotis College, Thessaloniki, Greece. (ISBN 978-618-80868-3-8 expected printing in Summer 2017).

Recent Papers & presentations

- Gertsis Athanasios, Mavridis Avraam. 2014. Intensification of Organic Agriculture in Greece towards Enhancement of Agro-Environmental Perspectives in a Time of Crisis. Book of Abstracts. The XLIII Annual Meeting of the ESNA (European Society for New Methods in Agricultural Research), 3rd- 6th September 2014, Free University of Bolzano, Faculty of Science and Technology, Bolzano, Italy, p.18.
- Gertsis, A. E. Evangelou and I. Evangelou. 2014 Evaluation of two stevia (*Stevia rebaudiana* Bertoni) varieties in greenhouse pot experiments. Effects of three shade levels and three fertilizers on growth and yield of stevia. 1st Balkan Conference of stevia, Pilio, Volos, Febr. 14, 2014.
- Gertsis, A. 2014. Sensor technologies in Precision Agriculture. PRECISION AGRICULTURE day at Vientum University, Dronten, The Netherlands, July 2, 2014
- Gertsis Athanasios. 2014. Small scale floating-disk vegetable production: a solution for urban citizens. Book of Abstracts. The XLIII Annual Meeting of the ESNA (European Society for New Methods in Agricultural Research), 3rd-6th September 2014, Free University of Bolzano, Faculty of Science and Technology, Bolzano, Italy, p. 28.
- Gertsis Athanasios, Vasilikiotis Christos and Verikoukis Christos. 2014. The effect of three types of dairy manure used as a feeding stock on the reproduction and growth of *Eisenia fetida* and on the quality of the produced vermicompost. Book of Abstracts. The XLIII Annual Meeting of the ESNA (European Society for New Methods in Agricultural Research), 3rd- 6th September 2014, Free University of Bolzano, Faculty of Science and Technology Bolzano, Italy, p.42.
- Dajko, M., Gertsis, A. & Vasilikiotis C. 2014. Vermicomposting of two-phase olive mill waste (TP-OMW) using the earthworm *Eisenia fetida* with the aim to reduce environmental pollution and produce of a high quality organic fertilizer and soil amendment. . *International Conference in Kalamata, Greece September 2014*
- Evangelou, E., & Gertsis, A. 2014. Effects of three shade levels and three fertilizers on growth and yield of two stevia (*Stevia rebaudiana* Bertoni) varieties in greenhouse pot experiments. . *International Conference in Kalamata, Greece September 2014*
- Axiotis, N. & Gertsis A. 2014. Hydroponic floating disk system for growing various vegetables under variable fertilizer treatments. *International Conference in Kalamata, Greece September 2014*
- Gertsis, A. 2014. Presentation of the PERROTIS COLLEGE - KRINOS OLIVE CENTER. In: Gertsis, A. 2014. (editor) ***Innovative olive production systems adapted for mechanical harvesting: holistic approaches for sustainable***

management. Book of Presentations. International Workshop/Conference, 12-15 Nov. 2014, Thessaloniki, Greece (ISBN 978-618-80868-2-1)

- Mavridis, A. and A. Gertsis. 2014. Spatio-temporal Modeling of the Evolution of Organic Olive Groves in Greece Through the Use of Geographic Information Systems (GIS). In: Gertsis, A. 2014. (editor) ***Innovative olive production systems adapted for mechanical harvesting: holistic approaches for sustainable management.*** Book of Presentations. International Workshop/Conference, 12-15 Nov. 2014, Thessaloniki, Greece (ISBN 978-618-80868-2-1)
- Dajko, M. A. Gertsis and C. Vasilikiotis. 2014. The effect of two-phase olive mill waste (TP-OMW) on the population growth of the earthworm *Eisenia fetida* and the quality of the produced vermicompost as organic fertilizer and soil amendment. In: Gertsis, A. 2014. (editor) ***Innovative olive production systems adapted for mechanical harvesting: holistic approaches for sustainable management.*** Book of Presentations. International Workshop/Conference, 12-15 Nov. 2014, Thessaloniki, Greece (ISBN 978-618-80868-2-1)
- **Gertsis, A.** , Konstantinos Zoukidis , and Christos Vasilikiotis. 2015. Evaluation of an irrigation water treatment technology (MAXGROW) on its effects to vegetable species yield. *7th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA 2015) Kavala, Greece (17-20 Sept. 2015)*<http://ceur-ws.org/Vol-1498/>
- **Gertsis, A.** , Christos Vasilikiotis and Konstantinos Zoukidis 2015. Management Zones delineation in olive grove using an Unmanned Aerial Vehicle (UAV). *7th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA 2015) Kavala, Greece (17-20 Sept. 2015)* <http://ceur-ws.org/Vol-1498/>
- Vasilikiotis, C. , **Athanasios Gertsis**, Konstantinos Zoukidis and Ali Nasrallah. 2015. Multi-species cover crop biomass evaluation using a hand-held Normalized Difference Vegetation Index (NDVI) sensor and Photosynthetically Active Radiation (PAR) sensor. *7th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA 2015) Kavala, Greece (17-20 Sept. 2015)*[\(http://ceur-ws.org/Vol-1498/\)](http://ceur-ws.org/Vol-1498/)
- **Gertsis, A.**, C. Karydas and S.Killatzidis. 2015. Assessment of soil heterogeneity in an experimental field and possible effects on yield performance of maize hybrids (*Zea mays L.*) – a preliminary study. *Journal of Agriculture and Environmental Science*. Volume 4. No. 2. December 2015. DOI: 10.15640/jaes.v4n2a5 (<http://jaesnet.com/vol-4-no-2-december-2015-abstract-5-jaes>)

- **Gertsis, A.** 2016. *Smart and holistic agriculture and olive oil quality. The Krinos Olive Center at Perrotis College-American Farm School, Thessaloniki, Greece.* International Eleoanthal Conference, Olympia, Greece, 2016.
- **Gertsis, A.** 2016. Effects of BIOSOLIDS, BIO-Tea and foliar fertilizers on rock samphire (*Crithmum maritimum* L.) yield. Book of Abstracts. The XLIV Annual Meeting of the ESNA (European Society for New Methods in Agricultural Research), 5-7 September 2016, Agricultural University of Belgrade, Serbia
- **Gertsis, A.** 2016. Effects of a composted organic material extract “BIOSOLIDS-Tea” and an organic certified foliar fertilizer system, on rock sapphire (*Crithmum maritimum* L.) yield. Book of Abstracts. The XLIV Annual Meeting of the ESNA (European Society for New Methods in Agricultural Research), 5-7 September 2016, Agricultural University of Belgrade, Serbia