

Curriculum Vitae

Anastasios G. Zotos

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PERSONAL INFORMATION

Anastasios Zotos , Dr. Agronomist

Place of Birth: Agrinio, Greece

EDUCATION

June 2006: Ph.D. in Flora – Phytosociology and Vegetation Ecology. Department of Environmental and Natural Resources Management University of Ioannina, Greece. PhD Thesis title: "*Flora, vegetation ecology and management of the wet meadows and reedbeds in the lakes Trichonida and Lysimachia (Western Greece)*".

June 1997: INTEGRATED MASTER in Agriculture, School of Agriculture, Forestry & Natural Environment, Department of Agriculture, Aristotle University of Thessaloniki.

RESEARCH OBJECTS

- Ecology and vegetation of wetlands
- Water stress of plant species and plant communities
- Water movement from soil via plants to atmosphere (soil–plant–atmosphere continuum - SPAC)
- Conservation and Management of plant species, habitats and ecosystems
- Monitoring, Mapping, Assessment of conservation status of plant species and habitat types
- Biodiversity
- Sustainable management of irrigation water and water resources
- Precision agriculture

RESEARCH PROJECTS – RESEARCH EXPERIENCE

1. **2021-2023:** Application of reduced input agriculture and the impact of land uses on Mediterranean agroecosystems, MEDICUS research project, University of Patras “ΜΟΔΥ ΕΛΚΕ”, under Grant Agreement No 81825. Principal Investigator and Co-ordinator.: Associate Professor Zotos Anastasios, Department of Biosystems Science and Agricultural Engineering, University of Patras.
2. **04/2024 – 07/2024:** Investigation of the presence, recording, monitoring and assessment of the conservation status of: (a) Habitat types listed in the Annex to Directive 92/43/EEC

- and (b) habitat types of national importance of NATURA 2000 sites: (1) GR2240001 "Lagoons of Lefkada (Palioni-Avlima) and Alykes Lefkada", (2) GR2240002 "Chortata Area (Lefkada)", (3) GR2310008 "Lake Ozeros" and (4) GR2310009 "Lake Trichonida and Lysimachia". within the framework of WP: "Habitat conservation status assessment - HAB_MON". Funding: Ministry of Environment, Energy and Climate Change.
3. **07/2023 – 12/2023:** (a) Determination of the 'isotope' and 'elemental' footprint. The case of Lesvos. (b) Determination of the 'isotope' and 'elemental' footprint. The case of Sitia
Funding: AXION AGRICULTURAL SINGLE MEMBER LIMITED LIABILITY COMPANY AGRO-FINANCIAL CONSULTANTS.
 4. **06/2023 – 07/2023:** Investigation of the presence, recording, monitoring and assessment of the conservation status of: (a) Habitat types listed in the Annex to Directive 92/43/EEC and (b) habitat types of national importance of NATURA 2000 sites: (1) GR2110001 "Amvrakikos Gulf, deltas of Louros and Arachthos (Petra, Mytikas, wider area, lower reaches of Arachthos, Kampi Filippiada)", (2) GR2310006 "Lakes Voulkaria and Saltini" and (3) GR2310007 "Lake Amvrakia", within the framework of the WP: "Assessment of habitat conservation status - HAB_MON". Funding: Ministry of Environment, Energy and Climate Change.
 5. **11/2022 – 11/2023:** Project for the support of WP1-WP2 of the Natural Environment Climate and Change Agency (N.E.C.C.A) under Subproject 1 "Compilation of Red Lists of Threatened Greek Species and operation support" of the Act "Compilation of Red Lists of Threatened Species of Plants, Animals and Fungi of Greece" with MIS code 5094982.
 6. **04/2021 – 08/2021, 10/2021 – 01/2022, 03/2022 – 10/2022 & 05/2023:** Development and implementation of a methodology for checking authenticity and certification of geographical origin and production of agricultural products & food. Funding: GENERAL SECRETARIAT FOR RESEARCH AND INNOVATION.
 7. **07/2020 – 12/2020:** Smart Farming Services using new technologies to support olive cultivation. Funding: OPERATIONAL PROGRAMME WESTERN GREECE 2014-2020/ACTION SUPPORT OF RESEARCH, DEVELOPMENT & INNOVATION PROJECTS IN THE PRIORITY AREA OF RIS3 "AGRI-FOOD.
 8. **07/2019 – 02/2020:** Design and development of a complete and documented traceability and quality control system for processed agricultural and fishery products focusing on the consumer. Funding: Special Service for the Management and Implementation of Actions in the fields of Research, Technological Development and Innovation (EYDE ETAK). Project manager: Prof. A. Ladavos.
 9. **03/2014 – 12/2015:** Monitoring & Assessment of the Conservation Status of habitat types of Community interest in terrestrial protected areas of the NATURA 2000 network of Greece. Funding: Ministry of Environment, Energy and Climate Change.
 10. **06/2007 – 06/2008:** Development of an Integrated Information System for the Monitoring and Management of Natura 2000 Protected Areas in Greece and Italy - Pilot Application in Common Ecosystems of Greece-Italy / INTERREG IIIA, Greece-Italy. Project carried out: Correlation with human activities and implementation of the management status assessment standard for habitat types and species of Directive 92/43/EEC.
 11. **11/2005 – 02/2007:** Adaptive efficacy of the physiology of vine varietal production under

the synergistic action of drought and ultraviolet radiation. Funding: General Secretariat for Research and Technology.

12. **09/2005 – 09/2006 & 02/2007 – 04/2007:** A new approach to irrigation technique for optimization of the production system. Funding: General Secretariat for Research and Technology.
13. **03/2006 – 05/2006:** Collection – digitization and scientific documentation of the biodiversity of Epirus Subproject 1- Collection-Scientific Documentation. Funding: Region of Epirus.
14. **02/2003 – 02/2004:** Upgrading and sustainable development actions in the Lake Trichonida. Funding: Ministry of Environment. Programme: ENVIRONMENTAL PROTECTION AND SUSTAINABLE DEVELOPMENT (2002-2003).
15. **01/2003 – 06/2003:** Recording – Evaluation of flora and cartographic depiction of habitat types in the locations around the lagoon of Drana, in the framework of the project entitled: Recording, evaluation, mapping, monitoring and management of habitat types (vegetation) for the restoration and protection of Drana Lagoon in the wetland of Evros, LIFE-Nature: RESTO.
16. **03/2002 – 04/2002:** Recording-Monitoring of flora and vegetation (habitat types) in the areas of Palaiosamarina, Trikala, Stylida, Fthiotida. (Regulation 2078/92, Ministry of Agriculture).
17. **01/2002 – 02/2002:** Recording - Monitoring of flora and vegetation (habitat types) in the areas of Zilevto Fthiotida, Pyrgos Kozani, Seli Imathia. (Regulation 2078/92, Ministry of Agriculture).

MEMBER OF GREEK ORGANIZATIONS

1. Member of the Geotechnical Chamber of Greece (G.E.O.T.E.E.)
2. Member of the Hellenic Botanical Society (HBS)

TECHNICAL REPORTS

- Dimopoulos P., Zotos A. & Zogaris S. (2007). Protocol for rapid assessment of the conservation status of the Riparian Zones of the Evrotas River. Report on LIFE Environment Evrotas (Life05 ENV/GR/000245 "Environment-friendly technologies for rural development". University of Ioannina (in collaboration with HCMR). pp. 127-141
- Evaluation of fifty one (51) plant species of genus (*Salix*, *Populus*, *Juncus*, *Oreojuncus*, *Typha*, *Nardus*) for the support of the Natural Environment Climate and Change Agency (N.E.C.C.A.), in the framework of the implementation of WPs 1-2 of Subproject 1 "Compilation of Red Lists of Threatened Greek Species and Operation Support" of the Act "Compilation of Red Lists of Endangered Species of Plants, Animals and Fungi of Greece". Funding: Ministry of Environment and Energy.
- Contribution to the evaluation of three (3) endemic plant species (*Bellis longifolia*, *Campanula aizoon*, *Campanula rupicola*) for the support of the Natural Environment

Climate and Change Agency (N.E.C.C.A.), in the framework of the implementation of WPs 1-2 of Subproject 1 "Compilation of Red Lists of Threatened Greek Species and Operation Support" of the Act "Compilation of Red Lists of Endangered Species of Plants, Animals and Fungi of Greece". Funding: Ministry of Environment and Energy.

PUBLICATIONS

Publications in international refereed journals

- Kostopoulou S.K. & **A. Zotos**, 2005. The effect of soil water content and microbial activity on restoring the structure of a Vertisol. *Soil & Tillage Research* 82(2): 203-209; doi.org/10.1016/j.still.2004.07.013.
- Patakas A., Noitsakis B., Chouzouri A., Mpeis A., **Zotos A.** & K. Chartzoulakis, 2006. Physiological and biochemical changes induced by different irrigation strategies in grapevines. *Acta Horticulturae (ISHS)* 792: 511-517; [doi.10.17660/ActaHortic.2008.792.59](https://doi.org/10.17660/ActaHortic.2008.792.59).
- **Zotos A.**, M. Sarika, E. Lucas, P. Dimopoulos, 2006. *Ludwigia peploides* subsp. *montevidensis* a new alien taxon for the flora of Greece and the Balkans. *J. Biol. Res.* 5: 71-78.
- **Zotos A.**, Th. Raus & P. Dimopoulos 2006. New floristic reports from Lakes Trichonis and Lysimachia (W Greece). – *Willdenowia*: 36(2): 731-739.
- Kehayias G., Chalkia E., Chalkia S., Nistikakis G., Zacharias I. & **A. Zotos**, 2008. Zooplankton dynamics in the upstream part of Stratos reservoir (Greece). *Biologia* 63(5): 699-710; [doi.10.2478/s11756-008-0129-5](https://doi.org/10.2478/s11756-008-0129-5).
- Mokhtar Guerfel M., Beis A., **Zotos A.**, Boujnah D., Zarrouk M. & A. Patakas, 2009. Differences in abscisic acid concentration in roots and leaves of two young Olive (*Olea europaea* L.) cultivars in response to water deficit. *Acta Physiologiae Plantarum* 31(4): 825-831; [doi.10.1007/s11738-009-0298-z](https://doi.org/10.1007/s11738-009-0298-z).
- Beis A., **Zotos A.** & Patakas A., 2009. Influence of sampling time and sap extraction methodology on xylem pH values in two grapevine varieties grown under drought conditions. *Environmental and Experimental Botany* 67: 305-311; doi.org/10.1016/j.envexpbot.2009.08.002.
- Patakas A., **Zotos A.** & A. Beis, 2010. Production, localization and possible roles of nitric oxide in drought - stressed grapevines. *Australian Journal of Grape and Wine Research* 16: 203-209; doi.org/10.1111/j.1755-0238.2009.00064.x.
- Panitsa M., Koutsias N., Tsiripidis I., **Zotos A.**, & Dimopoulos P., 2011. Species-based versus habitat-based evaluation for conservation status assessment of habitat types in the East Aegean islands (Greece). *Journal for Nature Conservation* 19: 269– 275; doi.org/10.1016/j.jnc.2011.04.001.

- Triantafyllidis V., **Zotos A.**, & Kokkotos E., **2020**. Environmental Implications from Long-term *Citrus* Cultivation and Wide Use of Cu Fungicides in Mediterranean Soils. *Water, Air, & Soil Pollution*, 231, 1-17; doi.org/10.1007/s11270-020-04577-z.
- Triantafyllidis V., **Zotos A.**, Kosma C., & Kokkotos E., **2020**. Effect of land-use types on edaphic properties and plant species diversity in Mediterranean agroecosystem. *Saudi Journal of Biological Sciences*, 27: 3676-3690; doi.org/10.1016/j.sjbs.2020.08.012.
- Kokkotos E., **Zotos A.** & A. Patakas, **2020**. Evaluation of water stress coefficient Ks in different olive orchards. *Agronomy*,10(10),1594; [doi.10.3390/agronomy10101594](https://doi.org/10.3390/agronomy10101594).
- Kokkotos E., **Zotos A.**, Tsirogiannis G., & A. Patakas, **2021**. Prediction of Olive Tree water requirements under limited soil water availability, based on Sap Flow estimations. *Agronomy*, 11(7), 1318; [doi.10.3390/agronomy11071318](https://doi.org/10.3390/agronomy11071318).
- Vasilopoulou G., Kletou D., Kleitou P., Triantafyllidis V., **Zotos A.**, Antoniadis K., Rousou M., Papadopoulos V., Polykarpou P. & G. Tsiamis, **2021**. Microplastics investigation using zooplankton samples from the coasts of Cyprus (Eastern Mediterranean). *Water*, 13, 2272; doi.org/10.3390/w13162272.
- **Zotos A.**, Kosma C., Triantafyllidis V., Kakabouki I., Kehayias G., Roussis I., Mavroeidis A., Tataridas A. & D. Bilalis, **2021**. Plant species diversity of the wet meadows under natural and anthropogenic interventions: The case of the lakes Amvrakia and Ozeros (W. Greece). *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 49(3), 12435; [doi.10.15835/nbha49312435](https://doi.org/10.15835/nbha49312435).
- Thomidis Th., Goumas D., **Zotos A.**, Triantafyllidis V. & Kokotos E., **2021**. Susceptibility of twenty-two kiwifruit cultivars to *Pseudomonas syringae* pv *actinidiae*. *Engineering proceedings*, 9 (1), 33; doi.org/10.3390/engproc2021009033.
- Triantafyllidis V., **Zotos A.**, Kosma C., Kehayias G., Pittaras A. & Drougas G., **2021**. Changes in plant species diversity as affected by shading conditions and continuous agricultural practices in kiwifruit orchards. *Emirates Journal of Food and Agriculture* 2021, 33(11): 925-935; [doi. 10.9755/ejfa.2021.v33.i11.2790](https://doi.org/10.9755/ejfa.2021.v33.i11.2790).
- Patakas A., Triantafyllidis V., Kokkotos, E. Zotos A., Michos K., Karaboiki K. & F. Chatzipapadopoulos, **2022**. Irrigation scheduling using continuously monitored data of soil volumetric water content. *Acta Horticulturae* 1335, pp. 613–618; [doi.10.17660/ActaHortic.2022.1335.77](https://doi.org/10.17660/ActaHortic.2022.1335.77).
- Triantafyllidis V., Kosma C., Karabagias I., **Zotos A.**, Pittaras A. & Kehayias G., **2022**. Fungicides in Europe during the 21st century: a comparative assessment using agri-environmental indices of EU27. *Water, Air, & Soil Pollution*, 233, Article number: 52, pp. 1-20; doi.org/10.1007/s11270-022-05529-5.
- Roussis, I., Kakabouki, I., Beslemes, D., Tigka, E., Kosma, C., Triantafyllidis, V., Mavroeidis A., **Zotos A.** & D. Bilalis, **2022**. Nitrogen Uptake, Use Efficiency, and Productivity of *Nigella sativa* L. in Response to Fertilization and Plant Density. *Sustainability*, 14(7), 3842; doi.org/10.3390/su14073842.

- Kakabouki I., Beslemes D., Tigka E.L., Roussis I., Mavroeidis A., Kouneli V., Katsenios N., Efthimiadou A., Karydogianni S., Kosma Ch., **Zotos A.** & V. Triantafyllidis, **2022**. Performance of fourteen genotypes of durum wheat under Eastern Mediterranean conditions *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 50(1), 12682; [doi.10.15835/nbha50112682](https://doi.org/10.15835/nbha50112682).
- Kosma Ch., Triantafyllidis V., **Zotos A.**, Pittaras A., Kouneli V., Karydogianni S., Mavroeidis A., Kakabouki I., Beslemes D., Tigka E.L., Roussis I. & D. Bilalis, **2022**. Assessing Spatial Variability of Soil Properties in Mediterranean Smallholder Farming Systems. *Land*, 11, 557; doi.org/10.3390/land11040557.
- Darawsheh M.K., Beslemes D., Kouneli V., Tigka E., Bilalis D., Roussis I., Karydogianni S., Mavroeidis A., Triantafyllidis V., Kosma Ch., **Zotos A.** & I. Kakabouki, **2022**. Environmental and Regional Effects on Fiber Quality of Cotton Cultivated in Greece. *Agronomy*, 12, 943; doi.org/10.3390/agronomy12040943.
- Kakabouki I., Mavroeidis A., Kouneli V., Karydogianni S., Folina A., Triantafyllidis V., Efthimiadou A., Roussis I., **Zotos A.**, Kosma Ch. & N. Katsenios, **2022**. Effects of Nitrogen Fertilization on Weed Flora and Productivity of Soybean [*Glycine max* (L.) Merr.] *Crop. Nitrogen*, 3, 284–297; doi.org/10.3390/nitrogen3020019.
- Cheminal A., Kokkoris IP., **Zotos A.**, Strid A. & P. Dimopoulos, **2022**. Assessing the Ecosystem Services Potential of Endemic Floras: A Systematic Review on the Greek Endemics of Peloponnese. *Sustainability*, 14, 5926; doi.org/10.3390/su14105926.
- Tsirogiannis G., Thomatou A.A., Psarra E., Mazarakioti E., 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. *Appl. Sci.*, 12, 6335; doi.org/10.3390/app12136335.
- Roussis I., Kakabouki I., Mavroeidis A., Triantafyllidis V., **Zotos A.**, Kosma C. & D. Bilalis, **2022**. Seed fixed oil content, oil yield, and fatty acids profile of *Nigella sativa* L. in response to fertilization and plant density. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 50(2), 12768; [doi.10.15835/nbha50212768](https://doi.org/10.15835/nbha50212768).
- Roussis I., Beslemes D., Kosma Ch., Triantafyllidis V., **Zotos A.**, Tigka E., Mavroeidis A., Karydogianni S., Kouneli V., Travlos I. & I. Kakabouki, **2022**. The influence of Arbuscular Mycorrhizal Fungus *Rhizophagus irregularis* on the Growth and Quality of Processing Tomato (*Lycopersicon esculentum* Mill.) Seedlings. *Sustainability*, 14, 9001; doi.org/10.3390/su14159001
- Thomatou A.A., Psarra E., Mazarakioti E.C., Katerinopoulou K., Tsirogiannis G., **Zotos A.**, Kontogeorgos A., Patakas, A. & A. Ladavos, **2022**. A Stable Isotope Analysis for the Discrimination of the Geographical Origin of Greek Bottarga ‘Avgotaracho Messolongiou’: A Preliminary Research. *Foods*. 11, 2960; doi.org/10.3390/foods11192960
- Stavropoulos P., Roussis I., Kakabouki I., Mavroeidis A., **Zotos A.**, Triantafyllidis V., Kosma C., Beslemes D., Tigka E. & G. Papadopoulos **2022**. Influence of urea fertilization and urease inhibitor on growth and yield of safflower (*Carthamus tinctorius* L.) under

different tillage practices. Bulletin UASVM Horticulture 79(2); DOI: 15835/buasvmcn-hort:2022.0036

- Mazarakioti E.C., **Zotos A.**, Thomatou A.A., Kontogeorgos A., Patakas, A. & A. Ladavos, **2022**. Inductively Coupled Plasma-Mass Spectrometry (ICP-MS), a Useful Tool in Authenticity of Agricultural Products' and Foods' Origin. Foods. 11, 3705; doi.org/10.3390/foods11223705
- Kokkotos E., **Zotos A.**, Patakas A., Louka P. & N. Kalatzis **2022**. Irrigation scheduling based on stress coefficient (Ks) estimations in two different peach cultivars. Acta Horticulturae (ISHS) 1352: 555-559; DOI: 10.17660/ActaHortic.2022.1352.75
- Triantafyllidis V., Mavroeidis A., Kosma C., Karabagias I. K., **Zotos A.**, Kehayias G., Beslemes D., Roussis I., Bilalis D., Economou G. & I. Kakabouki, **2023**. Herbicide Use in the Era of Farm to Fork: Strengths, Weaknesses, and Future Implications. Water, Air, & Soil Pollution, 234(2), 94; doi.org/10.1007/s11270-023-06125-x.
- Tsirogiannis G., **Zotos A.**, Mazarakioti EC, Kokkotos E., Kontogeorgos A., Patakas A. & A. Ladavos, **2023**. A Statistical Approach to Identify Appropriate Sampling Scheme Capable of Geographical Identification Analysis of the Protected Origin Pulse Crops in Greece. Appl. Sci., 13, 3623; doi.org/10.3390/app13063623
- Thomatou A.A., Mazarakioti E.C., **Zotos A.**, Kontogeorgos A., Patakas, A. & A. Ladavos, **2023**. Application of Stable Isotope Analysis for Detecting the Geographical Origin of the Greek Currants "Vostizza": A Preliminary Study. Foods. 12(8), 1672; doi.org/10.3390/foods12081672
- **Zotos A.**, Triantafyllidis V., Kosma C., Kakabouki I., Roussis I., Mavroeidis A., Stavropoulos P. & D. BILALIS, **2023**. Effect of Land-Use Intensification on Soil Properties and Plant Species Diversity in the Mediterranean Agroecosystem. Bulletin UASVM Horticulture 80(1); DOI: 10.15835/buasvmcn-hort:2022.0041
- Arachovitis S., Kakabouki I., Bilalis D., Roussis I., Mavroeidis A., **Zotos A.**, Triantafyllidis V. & E. Tigka, **2023**. Designing innovative crops according to the needs of Climate Change and Green Deal. Bulletin UASVM Horticulture 80(1); DOI: 10.15835/buasvmcn-hort:2022.0037
- Fragkouli R., Antonopoulou M., Asimakis E., Spyrou A., Kosma C., **Zotos A.**, Tsiamis G., Patakas A. & V. Triantafyllidis V., **2023**. Mediterranean Plants as Potential Source of Biopesticides: An Overview of Current Research and Future Trends. Metabolites 13, 967; doi.org/10.3390/metabo13090967
- Kokkotos E., **Zotos A.** & A. Patakas, **2024**. The Ecophysiological Response of Olive Trees under Different Fruit Loads. Life 2024, 14, 128. <https://doi.org/10.3390/life14010128>
- Kokkotos E., **Zotos A.**, Triantafyllidis, V. & A. Patakas, **2024**. Impact of Fruit Load on the Replenishment Dynamics of Internal Water Reserves in Olive Trees. Agronomy 2024, 14, 1026. <https://doi.org/10.3390/agronomy14051026>
- Thomatou A.-A., Mazarakioti E.C., **Zotos A.**, Kokkotos E., Kontogeorgos A., Patakas A. Ladavos, **2024**. A Stable Isotope Ratio Analysis for the Geographic Origin Discrimination of Greek Beans "Gigantes-Elefantes" (*Phaseolus coccineus* L.). Foods 2024, 13, 2107. <https://doi.org/10.3390/foods13132107>.

- Mazarakioti E.C., **Zotos A.**, Verykios V.S., Kokkotos E., Thomatou A.-A., Kontogeorgos A., Patakas A., Ladavos, A. Multi-Elemental Analysis and Geographical Discrimination of Greek "Gigantes Elefantes" Beans Utilizing Inductively Coupled Plasma Mass Spectrometry and Machine Learning Models. *Foods* 2024, 13, 3015. <https://doi.org/10.3390/foods13183015>.
- **Zotos A.**, Kokkoris I., Charalampopoulos I., Bekri E.S. & P. Dimopoulos, **2024**. Wetlands in crisis: the silent desertification threat on the Greek wetlands. *Land* 2024, 13, 1567. <https://doi.org/10.3390/land13101567>.
- Kokkotos E., **Zotos A.**, Triantafyllidis V., & Patakas A., **2024**. Effect of alternate fruit bearing on olive tree water consumption *Acta Horticulturae (ISHS)* 2024, 1(1409), pp31-36; **DOI: 10.17660/ActaHortic.2024.1409.5**

Publications in proceeding of National or International Conferences (peer reviewed)

- Patakas A. & **A. Zotos**, **2005**. Possible role of NITRIC OXIDE production in drought stress signalling in grapevines. Proceedings of the GESCO International Symposium, Geisenheim, Germany: 553-559.
- Beis A., **Zotos A.** & A. Patakas **2006**. Effects of deficit irrigation (DI) and partial rootzone drying (PRD) on gas exchange, water relations and plant growth in grapevines plants. COST 858 Viticulture; Abiotic Stress and Grape Functional Genomics Book of Abstract, pp. 43.
- Beis A., **Zotos A.** & A. Patakas **2007**. Effects of deficit irrigation (DI) and partial rootzone drying (PRD) on gas exchange, water relations and plant growth in grapevines plants. Proceedings of the Climate and Viticulture. International Symposium, Zaragoza, Spain: 376-379.
- Beis A., **Zotos A.** & A. Patakas A., **2007**. Changes in xylem pH induced by different levels of pressure in detached water stressed grapevines leaves. Proceedings of XVth international GESCO symposium. June 19-23. Porec-Croatia, pp: 767-774.
- Beis A., **Zotos A.** & A. Patakas **2008**. Effects of deficit irrigation (DI) and partial rootzone drying (PRD) on gas exchange, water relations and plant growth in grapevines plants. From Grape to Wine – 2nd International Junior Researchers' Meeting. Athens, Greece.
- **Zotos A.** & Dimopoulos P., **2009**. Vegetation diversity mapping and conservation value assessment of reed beds and wet meadows in lakes of Western Greece. - In: Ivanova, D. (ed.), Plant, fungal and habitat diversity investigation and conservation. Proceedings of IV Balkan Botanical Congress, Sofia, 20-26 June 2006. Pp. 279-283. Institute of Botany, Sofia. ISBN 978-954-9746-14-3.
- **Zotos A.** & Kostopoulou S., 1998. The effect of successive wetting-drying cycles and sterilization on the restoration of the structure of a clay soil. Proceedings of the 7th Panhellenic Soil Conference, Agrinio, May 1998: 89-98.
- **Zotos A.** & Dimopoulos P., 2005. Ecological research of the vegetation of reedbeds and wet meadows in lakes Lysimachia and Trichonida (Western Greece). 10th

- Panhellenic Scientific Congress of the Hellenic Botanical Society, Ioannina, May 2005: 213-222.
- Patakas A., Politikos I., Chouzouri A. & **A. Zotos**, 2005. Effect of Partial root-zone drying on the physiology of the vine. 22nd Scientific Conference of the Hellenic Society of Fruit and Vegetable Science, Patras, October 2005: 61-64.
 - Demiri K., Kasapidou P., **Zotos A.** & P. Dimopoulos, 2006. Ecology of the vegetation of *Pinguicula crystallina* subsp. *hirtiflora* in the area of Vovoussa (National Park N. Pindos). Proceedings of the 3rd Conference of the Hellenic Ecological Society and the Hellenic Zoological Society "Ecology and Biodiversity Conservation", November 2006: 241-247.
 - Panitsa M., **Zotos A.**, , Agnantitis N., Zikos A. & P. Dimopoulos, 2006. Ecotope diversification and soil conditions in the protected area of Tzoumerka. Proceedings of the 3rd Conference of the Hellenic Ecological Society and the Hellenic Zoological Society "Ecology and Biodiversity Conservation", November 2006: 254 - 262.
 - Chaideftou E., **Zotos A.**, Mentis T. & P. Dimopoulos, 2006. Relationships of soil parameters - vegetation of deciduous oak forest subject to different grazing regimes (Bourazani Konitsa). Proceedings of the 3rd Conference of the Hellenic Ecological Society and the Hellenic Zoological Society "Ecology and Conservation of Biodiversity", November 2006: 456 - 465.
 - Zacharaki T., **Zotos A.** & P. Dimopoulos, **2008**. Ecotope diversification and soil conditions in the lower reaches of the river Kalamas. Book of abstracts of the 4th Panhellenic Environmental Conference of the Hellenic Ecological Society, Volos, October 2008, p. 190.
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