

## Curriculum Vitae

### **Personal Data.**

Surname / First Name: **Anagnostopoulos Christos**  
Year of birth: 1964  
Citizenship: Greek  
Family status: Married  
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Collaboration hours: Tuesday & Thursday 10:00 – 12:00 p.m.



### **Education**

1. Technological Educational Institute of Thessaloniki – Technology of Agriculture – Plant Production, Degree (1991)
2. Aristotle University of Thessaloniki, School of Agriculture, Master of Science (2016)

### **Employment**

1. Greek Center of Biotopes – Wetlands: Collection of data referring to Greek wetlands (1991 – 1992).
2. Laboratory of Ecology and Environmental Protection, Faculty of Agriculture, Forestry & Natural Environment, School of Agriculture, Aristotle University of Thessaloniki, Greece, Teaching and Research Staff (22 October 1997-until today).

### **Courses**

1. Undergraduate courses of School of Agriculture: Agricultural Ecology, Ecology, Sustainable Development of Agricultural Resources, Environmental Protection, Wetlands and agriculture
2. Postgraduate courses in the program of Ecology and Sustainable Management of Ecosystem of School of Agriculture: Advanced Ecology, Organic Farming and Other Alternative Farming Systems, Plant Ecology, Seminars, Special Topics

### **Research Interests**

Nutrients and water availability and competition among plants. The role of mycorrhizas in plant nutrition and coexistence. Environmental factors affecting plant distribution and abundance. Nutrient cycling. Energy flow in natural and agricultural ecosystems. Consequences of climate change on agriculture and vice versa

### **Participation in research projects**

I participated in 8 research projects.

### **Symposia and Conferences**

I participated in 2 Conferences.

### **Publications**

MSc Thesis:

1. C. Anagnostopoulos 2016. Factors influencing the decomposition of plant residues in the soil. MSc Thesis. Aristotle University of Thessaloniki. (In Greek).

### **Publications in Science Citation Index Journals**

2. Veresoglou D. S., N. Barbayiannis, T. Matsi, C. Anagnostopoulos and G. C. Zalidis 1996. Shoot Sr concentration in relation to shoot Ca concentration, soil Ca availability and to other properties of soil. *Plant and Soil* **178**:95-100.
3. Taxidis E. T., G. C. Menexes, A. P. Mamolos, C. A. Tsatsarelis, C. D. Anagnostopoulos and K. L. Kalburtji. 2015. Comparing organic and conventional olive groves relative to

- energy use and greenhouse gas emissions associated with the cultivation of two varieties. *Applied Energy* **149**:117–124.
4. Kehagias. M. C., M. C. Michos, G. C. Menexes, A. P. Mamolos, C. A. Tsatsarelis, C. D. Anagnostopoulos and Kiriaki L. Kalburtji. 2015. Energy equilibrium and Carbon dioxide, Methane, and Nitrous oxide-emissions in organic, integrated and conventional apple orchards related to Natura 2000 site. *Journal of Cleaner Production* **91**:89–95.
  5. Michos M. C., G. C. Menexes, K. L. Kalburtji, C. A. Tsatsarelis, C. D. Anagnostopoulos and A. P. Mamolos. 2017. Could energy flow in agro-ecosystems be used as a “tool” for crop and farming system replacement? *Ecological Indicators* **73**:247–253.
  6. Malamidou T., A.E.Nikolaidou, A.P. Mamolos, A.K. Pavlatou-Ve, S.K. Kostopoulou, G.C. Menexes, C.D. Anagnostopoulos, and K.L. Kalburtji. 2018. Litter dynamics of *Olea europaea* subsp. *Europaea* residues related to soil properties and microbial N-biomass in a Mediterranean agroecosystem. *European Journal of Soil Biology* **84**:11-18.
  7. Michos M.C., G.C. Menexes, A.P. Mamolos, C.A. Tsatsarelis, C.D. Anagnostopoulos, A.D. Tsaoulas, and K.L. Kalburtji. 2018. Energy flow, carbon and water footprints in vineyards and orchards to determine environmentally favourable sites in accordance with Natura 2000 perspective advantages. *Journal of Cleaner production*. **187**:400-408
  8. Platis D. P., C. D. Anagnostopoulos, A. D. Tsaoulas, G. C. Menexes, K. L. Kalburtji and A. P. Mamolos. 2019. Energy Analysis, and Carbon and Water Footprint for Environmentally Friendly Farming Practices in Agroecosystems and Agroforestry. *Sustainability* 2019, 11, 1664; doi:10.3390/su11061664.
  9. Dimitrios P. Platis, Andreas P. Mamolos, Kiriaki L. Kalburtji, George C. Menexes, Christos D. Anagnostopoulos, Aggeliki D. Tsaoulas. 2021. Analysis of energy and carbon and blue water footprints in agriculture: a case study of tomato cultivation systems. *Euro-Mediterranean Journal for Environmental Integration* 2021. doi:10.1007/s41207-020-00225-4

#### **Publications in Conferences Proceedings**

2. O.Voulgari, A. Mamolos, D. Veresoglou, C. Anagnostopoulos. 2014. Effect of the addition of nitrogen and phosphorus in the structure of a seminatural grassland of early secondary succession stage: Proceedings of the 8<sup>th</sup> Panhellenic Rangeland Congress, 1-3 October 2014, Thessaloniki. Greece.
3. Michos M., Menexes G., Mamolos A., Tsatsarelis K., Anagnostopoulos C., Tsampoula A., And Kalburtji K.L. 2017. Application of Hierarchical Cluster Analysis and Discriminant Analysis on environmental indices for clustering farming systems in or out Natura 2000 Network. 9<sup>th</sup> Panhellenic Conference on Data Analysis. 28-30 September, Thessaloniki, Greece.
4. Platis D.P., K.L. Kalburtji, C.D. Anagnostopoulos, A.D. Tsaoulas, A.P. Mamolos. 2018. Carbon and water footprint indices for friendly to environment farming practices in agroforestry. 164th EAAE Seminar Preserving Ecosystem Services via Sustainable Agro-food Chains, Mediterranean Agronomic Institute, Chania.
5. Platis D.P., A.P. Mamolos, K.L. Kalburtji, G.C. Menexes, C.D. Anagnostopoulos, A.D. Tsaoulas. 2019. Energy Analysis, Carbon and Water Footprint in agriculture: a study in tomato cultivations. 2nd International Conference, ADAPT to CLIMATE, 24-25 June 2019, Heraklion, Crete island, Greece.
6. Avramidou G., D. Platis, C. Anagnostopoulos, K. Kalburtji, G. Menexes & A. Mamolos. 2019. The use of energy analysis, carbon and water footprint in *Lavandula vera* L. and *Origanum vulgare* ssp. *hirtum* cultivations. Proceedings ISTA19 The International Symposium on Toxicity Assessment (ISTA) conference, Thessaloniki, Greece, from 25 until 30 August, 2019.

## **Books**

1. Anagnostopoulos C.D., D.S. Veresoglou, P.A. Gerakis, K.L. Kalburtji, A.P. Mamolos. 2017. Sustainable Development of Agricultural Resource. Synchrony Paideia publications, Thessaloniki, Greece.
2. Litskas V.D., D.P. Platis, **C.D. Anagnostopoulos**, A.D. Tsaboula, G.C. Menexes, K.L. Kalburtji, M.C. Stavrinides, A.P. Mamolos 2020. Climate change and agriculture: carbon footprint estimation for agricultural products and labeling for emissions mitigation. In sustainability of the food system (pp. 33-49). Academic press. <https://doi.org/10.1016/B978-0-12-818293-2.00003-3>