

# CURRICULUM VITAE



## PERSONAL DATA

Name : Evangelia E. Golia  
Occupation: Laboratory Teaching Staff  
(Field of expertise: Environmental Soil Science),  
University of Thessaly, School of Agricultural Sciences  
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## EDUCATION

- **Degree in Chemistry**, Aristotle University of Thessaloniki, Greece (1991).
- **Degree in Agriculture**, Department of Agriculture Crop Production and Rural Environment, University of Thessaly, Greece (2008)
- **MSc in Quality Assurance**, Greek Open University, Greece (2006).
- **PhD in Soil Science**, Department of Agriculture, Crop Production and Rural Environment, University of Thessaly,
- **Postdoctoral Research** between the SZENT ISTVAN University, Hungary and the Department of Agriculture Crop Production and Rural Environment, School of Agricultural Sciences, University of Thessaly, Greece

## RESEARCH FIELDS

1. Environmental **Analysis** (use of Atomic Absorption Spectrophotometer, ICP-AES, Ionic chromatography)
2. Environmental **monitoring** using GIS
3. Sample **preparation techniques** for the analysis of metals.
4. **Development** and **validation** of analytical methods for **determination of metals** in environmental and food samples.
5. Physicochemical behavior of **metals in environment**. Transportation of metals and metalloids in environmental compartments. **Adsorption-desorption** studies.

## **RESEARCH EXPERIENCE**

Project "Evaluation of agrochemical inputs in Pagassitikos Gulf. Determination of metals and persistent organics in the sediment and biota in Pagassitikos Gulf", as Researcher, Project funded by the Prefecture of Magnesia. 1998-2000.

Project "Monitoring of the drinking water quality of Volos city. Determination of solvents and Trihalomethanes», as Researcher, Project funded by the Prefecture of Magnesia. 2001-2002, 2002-2004, 2004-2009

Project «Pesticides Monitoring for industrial tomatoes» as Researcher, Project funded by Agricultural Cooperation of Volos. 2002-2003

Project «Monitoring the quality of marine environment- the case of metals in Pagassitikos Gulf» as Researcher, Part of the Greek MED-POL Program, 2003-2006.

Project «Metals behavior in the greenhouse environment» as Researcher, Project funded by the Ministry of National Education-EPEAEK in the frame of Pythagoras I, 2004-2006.

Project «Diphenylamine contamination in postharvest facilities environment. Evaluation of techniques for diphenylamine' uses reduction» as Researcher, Project funded by the Research Committee of University of Thessaly, 2009-10.

Project «Evaluation of biobeds for the decontamination of wastewaters of agricultural origin – BIOBEDS» as Researcher, Project funded by the Institute of Research Promotion of Cyprus, 2009-2011.

Project «Ozone application for improving postharvest handling of edible horticultural products- HORTOZONE» as Researcher, Project funded by Ministry of National Education- NSRF in the frame of Thalys, 2011-2015.

Project «Pesticides & metals Monitoring Systems using Nanosensors for Safe Food Production, PEISMON”, as Researcher. Project funded from the Greek General Secretariat for Research & Technology GSRT under the framework of the Bilateral Greek-China agreement, 2013-2015

## **TEACHING EXPERIENCE:**

University of Thessaly, Greece. (2003-2010): 1) Soil Science, 2) Soil Fertility-Fertilizers-Plant Nutrition (Graduate and postgraduate courses).

(2010-2017): General and Inorganic Chemistry, 2) Organic Chemistry, 3) Soil Science, 4) Soil Fertility-Fertilizers-Plant Nutrition (Undergraduate studies -laboratory teaching)

Member of the Examination Board of graduate student's thesis, and postgraduate student's research thesis (15).

## **MEMBER OF SCIENTIFIC SOCIETIES**

Hellenic Association of Chemists

Hellenic Association of Soil Scientists

European Association of Soil Scientists

Society of Ecotoxicology and Environmental Safety

International Association of Environmental Analytical Chemistry

## **REVIEWER IN INTERNATIONAL JOURNALS**

*Analytica Chimica Acta, International Journal of Environmental Management, Ecotoxicology and Environmental Safety, Environmental Science and Pollution Research Waste and Biomass Valorization, Environmental Monitoring and Assessment, Journal of Agricultural and Food Chemistry, International Journal of Environmental Analytical Chemistry, Journal AOAC International, , Journal of Hazardous Materials, Chemical papers, Chemistry and Ecology, Biodegradation, Chemosphere, Science of the Total Environment*

## **CITATIONS OF PUBLISHED PAPERS**

>212 (self-citations from any of the co-authors excluded; Scopus, Web of Science, accessed January 2017), h-index: 8.

## **PUBLICATIONS at international scientific journals**

1. S.T. Girousi, **E.E. Golia**, A.N. Voulgaropoulos, A.J. Maroulis. **1997**. Fluorometric Determination of formaldehyde. *Fresenius Journal of Analytical Chemistry*, 358: 667-668. (IF: 1.924) (Citations: 22)
2. Mitsios, I. K. , **E. E. Golia** and C. D. Tsadilas. **2005**. Heavy metal concentration in soils and irrigation water in Thessaly area, Central Greece. *Communications in Soil Science and Plant Analysis*. 36: 487-501. (IF: 0.622) (Citations:20)
3. C.D. Tsadilas., Mitsios, I. K. and **E. E. Golia**. **2005**. Influence of Biosolids Application on Some Soil Physical Properties. *Communications in Soil Science and Plant Analysis*. 36: 709-716. (IF: 0.622) (Citations:31)
4. D.G. Karpouzas, I. Pantelelis, U. Menkissoglu-Spiroudi, **E. Golia**, N.G. Tsiropoulos. **2007**. Leaching of the organophosphorus nematicide fosthiazate. *Chemosphere*. 68: 1359–1364. (IF: 4.068) (Citations: 7)
5. **E.E. Golia**, A. Dimirkou, I.K. Mitsios<sup>†</sup>. **2007**. Accumulation of Heavy Metals on Burley, Virginia and Oriental Tobacco Leaves Grown in an Agricultural Area in Relation to Soil. *Bulletin of Environmental Contamination and Toxicology*. 79: 158–162 (IF:1.349) (Citations: 30)
6. **E. E. Golia**, N. G. Tsiropoulos, A. Dimirkou, and I.K. Mitsios<sup>†</sup>. **2007**. Distribution of heavy metals of agricultural soils of central Greece, using the modified BCR sequential extraction method. *International Journal of Environmental Analytical Chemistry*. 87(13–14): 1053–1063.(IF:1.195) (Citations:19)
7. **E.E. Golia**, A. Dimirkou, I.K. Mitsios<sup>†</sup>. **2008**. Levels of Heavy Metals Pollution in Different Types of Soil of Central Greece. *Bulletin of Environmental Contamination and Toxicology*. *Bulletin of Environmental Contamination and Toxicology*. 80:206–210. (IF: 1.349) (Citations: 13)
8. **E.E. Golia**, A. Dimirkou, I.K. Mitsios<sup>†</sup>. **2008**. Influence of some soil parameters on heavy metals accumulation by vegetables grown in agricultural soils of different soil orders. *Bulletin of Environmental Contamination and Toxicology*. 81:80-84. (IF: 1.349) (Citations: 30)

9. **E.E. Golia**, A. Dimirkou and I.K.Mitsios<sup>†</sup>. **2009**. Heavy metals concentration in tobacco leaves in relation to their available soil fractions. *Communications in Soil Science and Plant Analysis*. 40:106-120. (IF: 0.622) (Citations: 21)
10. **E.E. Golia**, A. Dimirkou, St.A. Floras. **2009**. Monitoring the variability of nitrogen and cadmium concentration in soils and irrigation water in Almyros area of central Greece. *Communications in Soil Science and Plant Analysis*. 40: 376-390. (IF: 0.622) (Citations: 2)
11. A.Dimirkou, Z.A. Ioannou, **E.E. Golia**, N. Danalatos and I. K. Mitsios<sup>†</sup>. **2009**. Sorption of Cd and As by goethite and clinoptololite. *Communications in Soil Science and Plant Analysis*. 40: 259–272. (IF: 0.622) (Citations: 7)
12. Z.A. Ioannou, A. Dimirkou, **E.E. Golia** and A. Ioannou. **2009**. Sorption of Zinc by clinoptilolite-Fe(NO<sub>3</sub>)<sub>2</sub> systems. *Communications in Soil Science and Plant Analysis*. 40:240-258. (IF: 0.622) (Citations: 4)
13. **E.E. Golia**, St. A. Floras, A. Dimirkou. **2009**. Monitoring the variability of Zinc and Copper in Surface Soils from Central Greece. *Bulletin of Environmental Contamination and Toxicology*. 82: 6-10. (IF: 1.349) (Citations: 1)
14. I.S. Arvanitoyiannis, A.G. Mavromatis, O.Vaitsi, A. Korkovelos and **E. Golia**. **2012**. Effect of genotype and geographical origin on potato properties (physical and sensory) for authenticity purposes. *Journal of Agricultural Science*, 4, (4), 63-74.
15. Antoniadis, V., Koliniati, R., **Golia, E.**, and Petropoulos, S. **2014**. Effect of soil properties on phosphorus sorption in 13 soils with varying degree of weathering. *Kazakh Journal of Soil Science* 4, 64-69
16. **E.E. Golia**, A. Dimirkou, St. A. Floras, **2015**. Spatial monitoring of arsenic and heavy metals in the Almyros area, Central Greece. Statistical approach for assessing the sources of contamination. *Environmental Monitoring and Assessment*. 82: 6-10. (IF: 1.921). (Citations: 3)
17. V. Antoniadis, **E.E. Golia**. **2015**. Sorption of Cu and Zn in low organic matter-soils as influenced by soil properties and by the degree of soil weathering. *Chemosphere*. 138, 364–369. (IF: 4.068).
18. Antoniadis, V., Koliniati, R., Efstratiou, E., **Golia, E.E.**, and Petropoulos, S. **2016**. Effect of soils with varying degree of weathering and pH values on phosphorus sorption. *Catena* 139, 214-219. (IF: 3.097).
19. Antoniadis, V., **Golia, E.E.**, Shaheen, S.M., and Rinklebe, J. **2016**. Bioavailability and health risk assessment of potentially toxic elements in Thriassio Plain, near Athens, Greece. *Environmental Geochemistry and Health*. (DOI 10.1007/s10653-016-9882-5) (IF: 2.421)
20. Antoniadis, V., Polyzois, T., **Golia, E.**, and Petropoulos, S. Hexavalent chromium availability and phytoremediation potential of *Cichorium spinosum* as affect by manure, zeolite and soil ageing. *Chemosphere*. (Online publication complete: 9-DEC-2016 DOI information: 10.1016/j.chemosphere.2016.11.146). (IF: 4.068).
21. Antoniadis, V., Petropoulos, S., **Golia, E.**, and Koliniati, R. Effect of phosphorus addition on onion plants in 13 soils of varying degree of weathering. *Journal of Plant Nutrition* (Accepted /2-9-2016). (IF: 1.951).

### **PUBLICATIONS at international scientific conferences**

1. S.T. Giroussi, **E.E. Golia** and A.N. Voulgaropoulos. **1996**. Fluorometric determination of formaldehyde. *Euroanalysis IX, European Conference on Analytical Chemistry*. Bologna. ITALY. September 1-7. Paper Fr P112 (abstract).
2. S.T. Giroussi, **E.E. Golia** and A.N. Voulgaropoulos. **1996**. Fluorometric determination of formaldehyde. *Third International Conference on Environmental Pollution*. Thessaloniki. GREECE. September 16-20. Proceedings pp 362-365 (Oral presentation).
3. I.K. Mitsios, **E.E. Golia** and A. B.Telios. **2001**. Heavy metals content in tobacco leaves in different growing regions in Thessaly area (Central Greece). *Joint Meeting of the CORESTA Agronomy and Phytopathology Study Groups*. Capetown, 30/9 – 4/10. Pp: 181-188 (Oral presentation).
4. I.K. Mitsios, **E.E. Golia** and C.D. Tsadilas. **2003**. Heavy metal concentration in soils and irrigation water in Thessaly area, Central Greece. *8<sup>th</sup> International Symposium on Soil and Plant Analysis*. Capetown, 13-17 January. Pp. 51 (abstract-Poster).
5. **E. E Golia**, I.K. Mitsios and C.D. Tsadilas. **2003**. Concentration of heavy metals in Tobacco leaves (Burley, Virginia and Oriental) in Thessaly area, Central Greece. *8<sup>th</sup> International Symposium on Soil and Plant Analysis*. Capetown, 13-17 January. Pp. 57. (abstract-Poster).
6. I.K. Mitsios, **E. E Golia** and P.C. Lolas. **2003**. The influence of some soil parameters on heavy metal uptake by tobacco grown in Central Greece. *7<sup>th</sup> International Conference on the biogeochemistry of Trace Elements*. Uppsala. Sweden. 15-19 June. Pp: 198-199. (Extended abstract-Poster).
7. I.K. Mitsios, Z.S. Rizou, Cr.S. Tambali, **E. E Golia** and F. A. Gatsios. **2003**. Levels of Available Selenium content in tobacco leaves grown in Thessaly region, Central Greece. *7<sup>th</sup> International Conference on the biogeochemistry of Trace Elements*. Uppsala. Sweden. 15-19 June. Pp: 196-197. (Extended abstract-Poster).
8. I.K. Mitsios, **E.E. Golia** and S.A. Floras. **2003**. GIS-based monitoring heavy metals content in soils of Thessaly area, (Central Greece). *International Symposium on GIS and Remote Sensing: Environmental Applications*. Volos, Greece. 7-9 November. (Oral presentation).
9. I.K. Mitsios and **E.E. Golia**. **2004**. Influence of soil pH on Zn, Cu and Cd uptake by Tobacco Grown in Karditsa Prefecture (Central Greece). *6<sup>th</sup> International Symposium on Plant-Soil Interactions at Low pH*. Sendai, Japan. 1-5 August. Pp.399-401. (abstract-Poster).
10. **E.E. Golia**, A. Dimirkou, N.G. Tsiropoulos, V. Sarlikioti and I. K. Μήτσιος †. **2006**. Arsenic Sorption Behavior on Iron Oxides. *1<sup>st</sup> European Chemistry Congress*. Budapest, Hungary. 27-31 August. Pp. 182. (abstract-Poster).
11. K.G. Malkakis, **E.E.Golia**, I.G. Stamatopoulou, S.A.Floras, I.K. Mitsios. **2006**. Study of spatial variability of available phosphorus (Olsen), boron, nitrates and nitrites in Almyros region (central Greece), using geostatistics. *International Conference on: Information Systems in Sustainable Agriculture, Agro environment and Food Technology*. Volos, 22-25 September. Pp. 756-764. (Oral presentation).
12. B.G. Sarlikioti, **E. E. Golia**, A. Dimirkou, I.G Stamatopoulou and I. K. Mitsios†. **2006**. Study of the behavior of physical solid materials for the improvement of polluted soil with

- Cd. *International Conference on: Information Systems in Sustainable Agriculture, Agro environment and Food Technology*. Volos, 22-25 September. Pp. 765-771. (Oral presentation).
13. Tsiropoulos N.G., **Golia E.**, Kanna P. and Tatsi I. **2006**. Organochlorine pesticides residues in the environment of Pagassitikos gulf, central Greece, in *4<sup>th</sup> European Conference on Pesticides and related Organic Micropollutants in the Environment*, Almeria, Spain, 26-29 November. Pp. 182. (abstract-Poster).
  14. **Golia E.E.**, Dimirkou A., Tsiropoulos N.G. and Mitsios I. **2006**. Use of sequential extraction for determination of organic and inorganic fractions of heavy metals in agricultural soils, in Thessaly (central Greece), in *4<sup>th</sup> European Conference on Pesticides and related Organic Micropollutants in the Environment*. Almeria, Spain, 26-29 November. Pp. 183-185. ( Extended abstract-Poster).
  15. **E.E. Golia**, A. Dimirkou and I. K. Mitsios<sup>†</sup>. **2007**. Heavy metals (Cu, Zn, Cd, Pb) and As extraction in soils of an agricultural and industrial area in Central Greece. *10<sup>th</sup> International Symposium on Soil and Plant Analysis*. Budapest-Hungary. 11-15 June. Pp. 19. (abstract-Poster).
  16. A. Dimirkou, **E.E. Golia**, S.A. Floras and I. K. Mitsios<sup>†</sup>. **2007**. Seasonal and spatial Variability of nitrates, nitrites, ammonium and cadmium concentration in soils and Irrigation water in an agricultural area of Central Greece. *10<sup>th</sup> International Symposium on Soil and Plant Analysis*. Budapest-Hungary. 11-15 June. Pp. 21. (abstract-Poster).
  17. **E.E. Golia**, A. Dimirkou and I. K. Mitsios<sup>†</sup>. **2007**. DTPA - extractable heavy metals Concentration as a possible predictor of their respective levels in different tobacco types Grown in highly acid soils. *10<sup>th</sup> International Symposium on Soil and Plant Analysis*. Budapest-Hungary. 11-15 June. Pp. 20. (abstract-Poster).
  18. I. K. Mitsios<sup>†</sup>, **E. E. Golia** and A. Dimirkou. **2007**. Distribution of Total, DTPA and Mehlich extractable copper, zinc, manganese, and iron in soils of different soil orders. *10<sup>th</sup> International Symposium on Soil and Plant Analysis*. Budapest-Hungary. 11-15 June. Pp. 43. (abstract-Poster).
  19. A. Dimirkou, **E. E. Golia**, Z. A. Ioannou and I. K. Mitsios<sup>†</sup>. **2007**. The influence of pH and ionic strength on the adsorption and desorption of Cd and As by goethite and clinoptololite. *10<sup>th</sup> International Symposium on Soil and Plant Analysis*. Budapest-Hungary. 11-15 June. Pp. 42. (abstract-Poster).
  20. Z.A. Ioannou, A. Dimirkou, **E. E. Golia**, A. Ioannou and I. K. Mitsios<sup>†</sup>. **2007**. Zinc adsorption and desorption on clinoptilolite-Fe(NO<sub>3</sub>)<sub>2</sub> system *10<sup>th</sup> International Symposium on Soil and Plant Analysis*. Budapest-Hungary. 11-15 June. Pp. 40. (abstract-Poster).
  21. **E.E. Golia**, A. Dimirkou N.G. Tsiropoulos and Z.A. Ioannou. **2007**. Zinc and Copper absorption and desorption by clinoptilolite. *1<sup>st</sup> Conference on Environmental Management, Engineering, Planning and Economics*. Skiathos-Greece. 24-28 June. Pp. 2639-2642. (Oral presentation).
  22. **E. E. Golia** and I. K. Mitsios<sup>†</sup>. **2007**. Heavy Metals Phytoavailability and Uptake by Tobacco (*Nicotiana Tabacum*) as Affected by Soil Properties. *1<sup>st</sup> Conference on Environmental Management, Engineering, Planning and Economics*. Skiathos-Greece. 24-28 June. Pp. 2643-2646. (Oral presentation).

23. **E.E. Golia**, A. Dimirkou and N. G. Tsiropoulos. **2007**. Comparison of Different extracting solutions for As extraction from an agricultural soil. *1<sup>st</sup> Conference on Environmental Management, Engineering, Planning and Economics*. Skiathos-Greece. 24-28 June. Pp. 1720-1724. (Oral presentation).
24. **E.E. Golia**, A. Dimirkou, N. Kiatikidis, A. Karambelas, St. A. Floras. **2008**. Spatial variability of arsenic in Almyros area, central Greece. *International Conference on Agricultural Engineering & Industry Exhibition*. Agricultural and Biosystems Engineering for a Sustainable World. Hersonissos, Crete-Greece. 23-25 June. p 77, poster P-058 (abstract-Poster).
25. **E.E. Golia**, A. Dimirkou, St. Verani, T. Xoura, St. A. Floras. **2008**. Seasonal and spatial variability of nitrogen, phosphorus, potassium, iron and manganese in Almyros area of central Greece. *International Conference on Agricultural Engineering & Industry Exhibition*. Agricultural and Biosystems Engineering for a Sustainable World. Hersonissos, Crete-Greece. 23-25 June. p 77, poster P-059 (abstract-Poster).
26. **E.E. Golia**, N. Tsiropoulos and A. Dimirkou. **2008**. A Comparison Between Metal Fractions, Obtained From Sequential Extraction Method and Single Extractions in Soils of Central Greece. ISEAC 35 – Gdańsk, 22 – 26, June. PP. 241. (Oral presentation).
27. A. Dimirkou. **E. E. Golia**. **2008**. Levels of Lead and in Roadside Soil Samples of an Agricultural Area of Central Greece. *EUROSOIL 2008 - Soil - Society – Environment*. Vienna, Austria. 25 - 29 August. Control/tracking Number: 2008-A-458-EUROSOIL. (abstract-Poster).
28. **E. E. Golia**, A. Dimirkou. **2008**. Distribution of Forms of Copper and their Relationship with Soil Properties in Agricultural Soils of Central Greece. *EUROSOIL 2008 - Soil - Society – Environment*. Vienna, Austria. 25 - 29 August. Control/tracking Number: 2008-A-457-EUROSOIL. (abstract-Poster).
29. **E.E. Golia**, A. Dimirkou, K. Dermati. **2008**. Influence of Salts in Fractionation of Chromium in Agricultural Soils of central Greece. *EUROSOIL 2008 - Soil - Society – Environment*. Vienna, Austria. 25 - 29 August. Control/tracking Number: 2008-A-461-EUROSOIL. (abstract-Poster).
30. **E.E. Golia**, A. Dimirkou, E. Lioliou. **2008**. The Use of Enrichment Factor for the evaluation of Zinc Pollution in Agricultural and Industrial Soils of Central Greece. *EUROSOIL 2008 - Soil - Society – Environment*. Vienna, Austria. 25 - 29 August. Control/tracking Number: 2008-A-460-EUROSOIL. (abstract-Poster).
31. **E.E. Golia**, A. Dimirkou and N. Tsiropoulos. **2008**. Determination of the Method Detection Limits for Metals Extractable with Aqua Regia in Soil Samples of Central Greece. international conference on Metrology of Environmental, Food and Nutritional Measurements. budapest, hungary, 10-12 september. PP.88. (Extended abstract-Poster).
32. **E.E. Golia**, S. Vlioras and N.G. Tsiropoulos. **2012**. Monitoring the variability of nitrogen concentration in soils and plants in intensively cultivated area of central Greece. 7th European conference on Pesticides and Related Organic Micropollutants in the Environment and 13th Symposium on Chemistry and Fate of Modern Pesticides, 7-10 October, Porto, Portugal. Pp 317. (Extended abstract-Poster).

33. V. Antoniadis, **E. Golia**, A. Prapas, and A. Dimirkou. **2013**. Sorption of Cu and Zn in 21 soils as influenced by soil pH. 14th European Meeting on Environmental Chemistry (EMEC), 4-7 December. Budva, Montenegro. Pp.29-30. (Extended abstract-Poster).
34. Koliniati, R., **Golia, E.**, and Antoniadis, V. **2014**. Effect of soil properties in phosphorus sorption. *Book of Abstracts of the 9<sup>th</sup> International Soil Science Congress on "The Soul of Soil and Civilization,"* Side, Antalya, Turkey, 14-16 October, p. 194. (Extended abstract-Poster ).
35. Antoniadis, V., Polyzois, T., Petropoulos, S., **Golia, E.E.**, and Dimirkou, A. **2016**. The effect of manure, zeolite and soil aging in the dynamics of hexavalent chromium in *Cichorium spinosum*. *Book of Proceedings of the Cyprus 2016 International Conference on Sustainable Solid Waste Management*, Limassol, Cyprus, 24-25 June 2016. (Proceedings at: <http://uest.ntua.gr/cyprus2016/proceedings/proceedings.html>) (Oral presentation).
36. **E.E. Golia**, G. Fuleky, A. Dimirkou, G. Gizas. **2016**. Influence of zeolite and *Posidonia oceanica* (L.) in reduction of Cadmium uptake by tobacco (*Nicotiana tabacum*) plants of Central Greece. *Book of Proceedings of the Cyprus 2016 International Conference on Sustainable Solid Waste Management*, Limassol, Cyprus, 24-25 June 2016. (Proceedings at: <http://uest.ntua.gr/cyprus2016/proceedings/proceedings.html>) (Oral presentation).
37. Zanni, A.A., Antoniadis, V., Levizou, E., Petropoulos, S., **Golia, E.E.**, and Dimirkou, A. **2016**. Hexavalent chromium dynamics in acidic and limed soils and its effect on *Origanum vulgare*. *Book of Proceedings of the 18<sup>th</sup> International Conference on Heavy Metals in the Environment*, ICHMET 2016, Ghent, Belgium, 12-15 September 2016. (Oral presentation).

#### **PUBLICATIONS at national scientific conferences (in Greek-abstracts in English)**

1. IK Mitsios, **E.E. Golia** and Chr. S. Tambali. **1999**. Quality Classification and Management of Irrigation Waters in the Prefecture of Magnesia. 1st Special Conference: The Development of the Primary Sector in the 21st Century. The Contribution of Management Science. Ioannina October 29-31. Pp. 58-65. (Oral presentation).
2. IK Mitsios, **E. Golia** and Z. Rizou. 2000. Concentration Levels of Boron in Smoked Soils and in Irrigation Waters in Thessaly. 2nd Special Conference on Agricultural Engineering. Volos, 28-30 September. Pp. 263-270. (Oral presentation).
3. IK Mitsios, **E.E. Golia** and E. Christodoulou. 2000. Determination of Concentration of Heavy Metals in Soils and Irrigation Waters of the Region of Thessaly. 2nd Special Conference on Agricultural Engineering. Volos, 28-30 September. Pp. 271-280. (Oral presentation).
4. **E.E. Golia** and IK Mitsios. 2002. Determination of Zn, Cu and Cd levels in Burley, Virginia and Eastern (Elassona variety in the region of Thessaly) 9th Panhellenic Soil Science Conference, Kifissia 23-24 September, pp. 203-213 (Oral presentation).
5. **E.E. Golia**, B.K. Sarligioti, IK Mitsios and S.A. Floras. 2004. Illustration of the spatial variation of the total and available concentration of arsenic and zinc in agricultural land of the Elassona region. 10th Panhellenic Soil Conference. Volos, N. Anchialos, September 22-25. Pp. 83-93. (Oral presentation).



6. **E. E. Golia**, B.C. Sarligiotti, A. Dimirkou, IK Mitsios †. 2006. Effect of pH and Phosphate Anions on the Adsorption of Arsenic to Oxides of Iron. 11th Panhellenic Soil Conference. Arta 4-7 October. Pp. 69-78. (Oral presentation).
7. B. C. Sarlikiotis, **E.E. Golia**, A. Dimikou, IK Mitsios †. 2006. Study of adsorption and desorption of cadmium by two Gahitis-Zeolithos Systems. 11th Panhellenic Soil Conference. Arta 4-7 October. Pp. 79-89. (Oral presentation).
8. **E.E. Golia**, A. Dimirkou, ST.A. Floras, K. Papadimas, G. Skamagoulis, IK Mitsios. 2007. Time-time variability of Cd and Cr levels in agricultural contact of Almyros Magnesia area. 5th Congress of Agricultural Engineering. Larisa, October 18-20. Pp. 495-502. (Oral presentation).
9. A. Dimitrakos, **E. Golia**, A. Floras, C. Iliopoulos, G. Skamagoulis, I. K. Mitsios. 2007. Study of macro- and micro-elements in soil and irrigation waters of Almyros, Magnesia. 5th Congress of Agricultural Engineering. Larisa, October 18-20. Pp. 503-510. (Oral presentation).
10. G. Datsis, D. Savvas, G. Giza, **E. Golia**, N. Mantzos. 2007. Influence of calcium concentration in irrigation water on tomato culture in closed hydroponic system. 23rd Scientific Conference of the Hellenic Society of Fruit and Vegetable Science. Chania, 23-26 October. Abstracts Proceedings. Page 42 (abstract-poster presentation).
11. G. Giza, D. Giotis, E. Sgouridou, A. Klonis, N. Mantzos, **E. Golia**. 2007. Assessment of *posidonia oceanica* as a substrate for hydroponic germ cultivation. 23rd Scientific Conference of the Hellenic Society of Fruit and Vegetable Science. Chania, 23-26 October. Pp. 487-490. (Full-time oral presentation).
12. **E.E. Golia**, GA Gatsiou and S. Vlioras. 2011. Heavy metals and metalloids levels in fresh fruit and vegetables. 25th Congress of the Hellenic Fruit and Vegetable Society. 1-4. November, Limassol, Cyprus. P. 313. (abstract-poster presentation).
13. GA Gatsiou, **E.E. Golia** and S. Vlioras. 2011. Physico-chemical characteristics of the Thessalian wines. 25th Congress of the Hellenic Fruit and Vegetable Society. 1-4. November, Limassol, Cyprus. Page 260. (abstract -poster presentation).
14. **E.E. Golia** and S. Vlioras. 2012. Study of the levels of fluoride, nitrite and nitrate ion in leafy vegetables in Volos Diminio area. 1st Environmental Conference of Thessaly. Skiathos, 8-10 September. Page 266-270. (Oral presentation).
15. **E.E. Golia**, G. Gatsios, F. Gatsios and S. Vlioras. 2014. Study of the levels of heavy metals in leafy vegetables in Volos Diminou. 5th Environmental Conference of Macedonia. Thessaloniki, March 14-17. Pp. 134-140. (Oral presentation).
16. Koliniates, P., V. Antoniadis, **E. Golia** and S. Petropoulos. 2014. Effect of phosphorus addition on 13 soils in onion cultivation. 15th Panhellenic Soil Conference. Patras, 26-28 November. (Oral presentation).
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