

CURRICULUM VITAE

1. FAMILY NAME : **Efthimiadou**
2. FIRST NAMES : **Aspasia**
3. DATE OF BIRTH : **1980**
4. NATIONALITY : **Greek**
5. EDUCATION : **Dr Agriculturalist, Civil Engineer, MSc, MBA**

Institution Date: from (month/year) to (month/year)	Degree(s) or Diploma(s) obtained
Agricultural University of Athens (1998-2003)	Degree in Agriculture/Plant Science
National Polytechnic University of Athens (2003-2007)	Degree in Civil Engineering
National Polytechnic University of Athens (2003-2005)	MSc in the specialization: "Environment and Development"
National Polytechnic University of Athens(2005-2007)	MBA in the specialization "Technology-Economics"
University of Reading, UK (2004-2008)	PhD Degree from the University of Reading (UK) in the topic: "Effect of environmental and soil factors on nitrogen release, weed suppression and yield of organically grown crops"
National institution of Scholarships (2010)	Post Doc research on environmental issues
Freie University of Berlin (2004)	One month summer intensive postgraduate course in the specialization "Environmental laws of European Union"
University of Dusseldorf (2003)	One-month summer intensive course in Management and Economics

SCHOLARSHIPS AND AWARDS :

- A. Award after the graduation (1998) from the High School of Heliopolis, Athens.
- B. Scholarship for an educational trip in Brussels from EU through Panteion University of Athens (2001)
- C. Scholarship during the five years of my undergraduate studies in the Agricultural University of Athens(1998-2003) given by the Greek Scholarship Foundation.
- D. Scholarship for one month studies (2003) in the University of Dusseldorf (Germany) given by the German Institute of Scholarships (DAAD).

E. Scholarship for one month studies (2004) in Frei University of Berlin given by the N. Karlos Institute.

F. Scholarship from the Greek government for 4 year PhD studies.

G. Scholarship for an educational trip in Brussels from EU (2010)

H. Scholarship for post-doc research from the National Institution of Scholarships

6. LANGUAGE SKILLS (Indicate competence on a scale of 1 to 5, (1 excellent; and 5 is basic)

Language	Reading	Speaking	Writing
English*	1	1	1
German **	1	1	1
Italian***	2	2	2
Spanish****	2	2	2
Chinese	5	5	5
Greek	Native language		

The language skills are verified with language certificates:

- * Michigan Proficiency & Cambridge Proficiency
- ** Kleines Sprach Diplome (*Proficiency Level*)
- *** Diploma della Lingua Italiana (*Proficiency Level*)
- **** DELE Nivel intermedio

7. MEMBERSHIP OF PROFESSIONAL BODIES :

- **Member of the Technical Chamber of Greece (T.C.G.) (Greece)**
- **Member of the Geotechnical Chamber of Greece (G.C.G) (Greece)**
- **Member of the teaching body for Colleges (Greece)**

8. OTHER SKILLS :

Computer Literacy Programming ability, skilful use of Word, Excel, Autocad , Autocadmap, ArcInfo. During my studies in the master program: "Technology-Economics", I extended my computer knowledge with lessons in programming and network connections.

Laboratory Experience Significant experience in handling laboratory apparatus and experimental planning through laboratory research.

Writing Experience Has written and published numerous papers.

Teaching experience Significant teaching experience, either under payment or not, in the Agricultural University of Athens.

9. PRESENT POSITION : -Lecturer at the Open University of Cyprus (Master Program of Environmental Studies)
-Lecturer (407/80) in the Agricultural University of Athens
-Lecturer (407/80) in the University of Central Greece
-Permanent collaborator of the company UNIGEA Renewable Energy Ltd. (Responsible on Environmental Issues)

10. KEY QUALIFICATIONS :

Mrs A. Efthymiadou has 10 years of academic experience, as a student and as a researcher. She has worked in the Agricultural University of Athens, in the National Technical University of Athens (N.T.U.A.). and in the University of Thessalia in projects related to Energy Resources and Environment Management. Her research activity includes participation in many sponsored research projects and more than 20 publications in International Journals and Conference Proceedings. She obtained her PhD in Reading University , UK and in now teaching in the Agricultural University of Athens as a Lecturer 407/80.

11. PROFESSIONAL EXPERIENCE RECORD:

A. Research –University experience:

1. Sponsored research project: "Methology of observing the sustainable development of mountain and island regions." Agricultural University of Athens. 1/12/2003-29/2/2004.
2. Sponsored research project: "Pilot Research and Technical support of sewage sludge management". Agricultural University of Athens. 1/12/2005-31/1/2006.
3. Sponsored research project: "Data basis and work market". University of Thessaly. 1/1/2007-31/12/2007.
4. Sponsored research project: "G.I.S usage in the administration of disasters, with emphasis on the cultural characteristics of the region". Agricultural University of Athens. 1/1/2007-31/12/2007.
5. "Development and organisation of the student office in the University of Thessaly". 1/1/2008-30/4/2008.
6. Sponsored research project: "Data basis and work market" . University of Thessaly. 1/1/2008-31/12/2008.
7. Sponsored research project: "Function of Pilot Units, software usage and certification of the

internet page of the Sanitary Engineering Laboratory, Department of Water Resources & Environment, School of Civil Engineering, National Technical University of Athens (NTUA)".
National Technical University of Athens. 1/4- 30/9/2008.

B. Teaching experience:

1. Lecturer 407 in the Agricultural University of Athens. February 2009-Today.
2. Lecturer 407 in the University of Central Greece. Department of Regional Economic Development February 2010-Today

C. Rest Working Experience:

1. January 2009-today: Permanent collaborator of UNIGEA ltd.

During my collaboration with UNIGEA I am responsible for the environmental studies for several wind parks in northern Greece.

2. February 2008-January 2009: Permanent collaborator of EMBIS ltd.

During my collaboration with EMBIS, I worked in the projects:

- Several environmental studies for sewage treatment plants.
 - Evaluation of the drinking water in the area of Thiva.
 - Evaluation of the machinery of PIERALISI.
 - Evaluation of the sewage treatment plant in Rodos.
 - Evaluation and Upgrade of the Sewage treatment plant in Ioannina.
 - Preparation of a master plan for integrated wastewater management in Ioannina Prefecture.
3. January 2004- April 2008: Working as collaborator of BTA International (Germany) for the promotion of Anaerobic Digestion in Greece.
 4. Study for the management of water resources- Planning Group : 1-30/6/2007.
 5. Technical education of unemployed in the states of EU: Main characteristics- results-practices of K.E.M.E. : 1/5/2005-31/10/2005.

12. OTHER RELEVANT INFORMATION :

A. Thesis, written for the study programmes:

1. "Response of three wheat varieties in different seed bank conditions", School of plant Science, Agricultural University of Athens. Athens 2003.
2. "Exploitation of the organic part of the wastes for the coverage of the needs of Greek soil in organic matter", Master program: " Environment and Development" , National Technical University of Athens. Athens –Germany 2005
3. The role of green areas in the formation of climate in the cities", School of Civil engineering, National Technical University of Athens. Athens 2006
4. "Operation and improvement of a semi- artificial wetland in order to solve pollution

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problems", Master program: " Techno-economics" , National Technical University of Athens and University of Piraeus. Athens 2007

-PhD thesis: "Effect of environmental and soil factors on nitrogen release, weed suppression and yield of organically grown crops", University of Reading, Reading, UK 2008.

B. CONFERENCES AND SEMINARS

WITH PAPER PRESENTATION:

8. Development of Prefecture of Trikala 2004.
9. Development of Prefecture of Karditsa 2005.
10. Soil Conference of Arta 2006.
11. International Conference on Computational methods in Science and Engineering, Corfu, 2007.
12. International Conference in Management and Marketing Sciences, Αθήνα, 2008.
13. Second Scientific Conference of the International Society of Organic Agriculture Research (ISOFAR), IFOAM Organic World Congresss, Modena, 2008.
14. Small scale Plants of water and wastewater treatment, Skiathos, Greece 2008.
15. Soil Conference of Patra 2008.
16. Water conference, Thiva 2008
17. Herbicides Conference 2008.
18. 2nd Urban and Land Planning Conference, Volos 2009.

WITHOUT PAPER:

1. First Greek Conference under the title: "Education, Research and Technology for the hydrology and the environmental management of water resources", 22/10/04
2. Herbicides Conference 2000.
3. Herbicides Conference 2004.
4. First Greek Conference on Education, Research and Technology of Hydrology and Environmental Administration, 2004.
5. 29th Meeting of young scientists in Brussels 2005.
6. 14th Biogas Meeting in Nurnberg 2005 (5 days scientific conference)
7. Wind energy: "Development and environment", organized by the Economical university of Piraeus, Eretria, Greece, 7-8 February 2009.

C. INDICATIVE PUBLISHED PAPERS

THESIS

1. **«Construction Study of a semi-natural water land for the treatment of humid wastes»**, Thesis for the MBA program: « TECHNOLOGY AND ECONOMICS », National University of Athens, pages 1-134, Athens 2007.
2. **« Exploitation of the organic matter of the wastes and its usage in the Greek territory»**, Thesis for the Master program: "ENVIRONMENT AND DEVELOPMENT", PAGES 1-184, ATHENS 2004.
3. **«Effect of environmental and soil factors on nitrogen release, weed suppression and yield of organically grown crops»**, Thesis of PhD, University of Reading, pages: 1-370, Reading 2008.

PAPERS PUBLISHED IN FOREIGN JOURNALS AND CONFERENCES

4. **«Effects of organic fertilization on maize/legume intercrop in a clay loam soil and Mediterranean climate- Can the Land Equivalent Ratio (LER) index be used for root development?»** ,Journal of Food Agriculture & Environment, Vol 4(3&4), 117-123, 2005.
Dimitrios J Bilalis, N. Sidiras, I.Kakampouki, A. Efthimiadou, Y.Papatheohari and P. Thomopoulos
5. **«Combination effect of soil slope and rimsulfuron action on weed flora and phytotoxicity on maize crop under Mediterranean conditions»**, Journal of Food Agriculture & Environment, Vol 4(3&4), 84-87, 2006.
V. Triantafyllidis, D. J. Bilalis, D. Hela, P. Dimopoulos, T. Albanis and A. Efthimiadou
6. **«The effect of green manure and irrigation on Morphological and Physiological Characteristics of Virginia (Flue-Cured) Organic Tobacco (*Nicotiana Tobaccum*)»**, International Journal of Agricultural Research, 2 (11): 910-919, 2007.
A. Karkanis, D. Bilalis and A. Efthimiadou
7. **«Tobacco (*Nicotiana tabaccum*) infection by branched broomrape (*Orobanche ramosa*) as influenced by irrigation system and fertilization, under East Mediterranean conditions»** ,Journal of Agronomy, 6(3): 397-402, 2007.
A. Karkanis, D. Bilalis and A. Efthimiadou
8. **«A Knowledge Based System Offering Consultation for Enhancing Semi-Natural Wetland Functionality»**, Proceedings of ICCMSE, 2(B): 878-883, 2007.
F.A. Batzias, A.P. Efthimiadou and C. G Siontorou
9. **«Adverse Effect of Bermudagrass on Physiological and Growth Components of Cotton»**, Journal of Agronomy, 7(1):49-55, 2008.
P. Bouchagier, A. Efthimiadou, A. Katsileros, D. Bilalis and P. Efthimiadis
10. **«Effects of irrigation systems and green manure on yield and nicotine content of Virginia (fue-cured) Organic tobacco (*Nicotiana tobaccum*) under Mediterranean**

conditions», Industrial Crops and Products, 10.1016, 2008.

D. Bilalis, A. Karkanis, A. Efthimiadou, Ar Konstantas, V. Triantafyllidis

11. «Knowledge Management for Lake Restoration Strategy in Protected Areas», International Conference in Management and Marketing Sciences (ICMMS), Book of Abstracts, p25, 2008.

Christina G. Siontorou, Aspasia P. Efthimiadou

12. «Critical Points (CP) on organic Certification of the Most Important Geek Cultivations», Proceedings of the Second Scientific Conference of the International Society organic Agriculture Research (ISO FAR), held at the 16th IFOAM Organic World Congress in Cooperation with IFOAM, 1,2008.

Konstantas A., Bilalis D., Thomopoulos P., Efthimiadou A., Kakampouki I.

13. «Effect of two Oat-legumes intercrop systems on weed flora under Mediterranean conditions», Proceedings of the Second Scientific Conference of the International Society organic Agriculture Research (ISO FAR), held at the 16th IFOAM Organic World Congress in Cooperation with IFOAM, 1:302-305, 2008.

Bilalis D., Kontantas A., Efthimiadou A., Papatheochari Y. Kakampouki I.

14. «The effect of green manure on root development and cotton yield under Mediterranean conditions», Proceedings of the Second Scientific Conference of the International Society organic Agriculture Research (ISO FAR), held at the 16th IFOAM Organic World Congress in Cooperation with IFOAM,1: 211-214, 2008.

Thomopoulos, P. , Bilalis , D., Konstantas, A., Efthimiadou A.

15. «Review: The phenomenon of crop-weed competition; a problem or a key for sustainable weed management?», Journal of Food, Agriculture & Environment, Vol. 7(2), April 2009

Aspasia P. Efthimiadou, Anestis C. Karkanis, Dimitrios J. Bilalis and Panagiotis Efthimiadis

16. «Original Paper: Architectural plasticity, photosynthesis and growth responses of velvetleaf (*Abutilon theophrasti* L.) plants to water stress in semi-arid environment»,

To be published in Biologia Plantarum Journal.

Anestis Karkanis, Dimitrios Bilalis, Aspasia Efthimiadou

17. «Weed-suppressive Effects of maize-legume intercropping in Organic Farming»,

International Journal of Pest Management,

Bilalis Dimitrios, Karkanis Anestis, Efthimiadou Aspasia

18. « Effects of cultural system (organic and conventional) on growth, photosynthesis and yield components of sweet corn (*Zea mays* L.), under semi-arid environment»

19. «Growth and Photosynthesis of two Solanaceae species (*Solanum nigrum* L. and *Datura stramonium* L.) as affected by water stress.»,

To be published

Anestis Karkanis, Dimitrios Bilalis, Aspasia Efthimiadou and Panagiotis Efthimiadis

20. «Cultural practices effects on weed flora in Virginia (flue-cured) Organic Tobacco (*Nicotiana tobaccum* L.): Green manure and irrigation systems»,

To be published in: The scientific and technological Research Council of Turkey.

Anestis Karkanis, Dimitrios Bilalis, Aspasia Efthimiadou, Panagiotis Efthimiadis

21. « Evaluation of different sludge mechanical dewatering Technologies».

ECSM'08 –European Conference on Sludge management, Liege, Belgium, 1&2 September 2008.

D. Mamais, A. Tzimas, A. Efthimiadou, J. Kissandrakis and A. Andreadakis,

22. « Effect of two legume crops, for organic green manure, on weed flora, under Mediterranean conditions: Competitive ability of five winter season weed species».

African Journal of Agricultural Research, (October 2009).

Dimitrios Bilalis , Anestis Karkanis, Aspasia Efthimiadou

PAPERS IN GREEK CONFERENCES

23. «Effect of three legumes, used as organic fertilizer on the development and yields of cotton », 11th Greek Soil Conference. Pages 189-199, 2006.

D.Bilalis, N. Sidiras, P. Thomopoulos, A.Efthymiadou

24. «Effect of co-cultivation and organic fertilization on the characteristics of the soil », 11th Greek Soil Conference. Pages 415-423, 2006.

D.Bilalis, P. Thomopoulos, I. Kakampouki, A.Efthymiadou , P. Kanatas, N. Sidiras, G. Papatheochari

25. «Intervention with organisms and management of semi-artificial water lands for the treatment of humid wastes», Conference: Small scale installation of water and humid waste treatment », 2008.

A.Efthymiadou, F. Mpatzias, Ch. Siontorou

26. «Effect of soil treatment and organic fertilization in organic cultivation of maize», 11th Greek Soil Conference, 2008.

D.Bilalis, N. Sidiras, G. Papatheochari, A.Efthymiadou

27. «Optimisation of coleseed yield», Weed Conference 2008.

T. Mitis, N. Katsenios, A. Efthymiadou, N. Danalatos

28. «The role of plants in the configuration of the climate», 2nd Urban and Land

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Planning Conference”, Volos, September 2009

A. Efthymiadou, I. Tzouvadakis

PUBLISHED PAPERS IN GREEK JOURNALS

29. «Trends of biological products production», A. Efthymiadou

Review of decentralization local government and regional development. Page 46-48, Athens 2002.

30. «Demographic Increase and Diet», A. Efthymiadou

Review of decentralization local government and regional development. Page 29-33, Athens 2002.

31. «The exploitation of organic fraction of waste», A. Efthymiadou

Review of decentralization local government and regional development. Page 31-36, Athens 2005.

32. «Biomass another approach», A. Efthymiadou

Review of decentralization local government and regional development. Page 67-70, Athens 2006.

33. «Renewable energy sources: Biomass», A. Efthymiadou

Review of decentralization local government and regional development. Page 108-109, Athens 2006.

34. «Organic and Conventional Farming. Case Study: Sweet Corn», A. Efthymiadou

Review of decentralization local government and regional development. Page 27-31, Athens 2008.

CONTRIBUTION IN SCIENTIFIC STUDIES

35. «The professional training of unemployed in other States of European Union: Main characteristics - results practices», Athens 2005

Cyprus 2010

Aspasia Efthymiadou