

Europass Curriculum Vitae



Personal information

First name / Surname | Georgios Pilidis

Address 16-20 / Chimaras, 45445 Ioannina (Greece)

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Fax 00302651007274

E-mail gpilidis@uoi.gr

Nationality Greek

Gender | Male

Desired employment / R & D activities / Environmental Chemistry & Technology Occupational field

Work experience Organic Synthetic Chemistry, Environmental Chemistry, Environmental Technology

Dates 30/09/1979 -today

Occupation or position held | Scientific staff of the University (Lecturer, Assistant Professor, Associate Professor,

Professor)

Main activities and | Teaching and Research

responsibilities

Name and address of employer | University of Ioannina, Department of Chemistry (1979-2004) & Biological

Applications & Technologies, Chair of Environmental Chemistry & Technology

(2004 - today)

University campus, 45110 Ioannina (Greece)

Type of business or sector | Higher Education

Education and training

Dates 01/10/1968 - 30/09/1973

Title of qualification awarded Diploma in Chemistry

Principal subjects / occupational | Studies of Chemistry

skills covered

Name and type of organisation | Technical University of Stuttgart (Higher Education)

providing education and | Stuttgart-Vaihingen/University Campus, 70550 Stuttgart (Germany)

training

Level in national or Diploma

international classification

Dates 01/10/1973 - 30/06/1978

Title of qualification awarded | PhD

The or qualification awarded

Principal subjects / occupational | Post-Graduate Studies in Natural Sciences (Organic Chemistry)

skills covered

Name and type of organisation | University of Regensburg (Higher Education)

providing education and | 31 / University street, 93053 Regensburg (Germany)

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training

Level in national or international classification PhD

Personal skills and

Team spirit, adaptation to multicultural environments, work experience abroad, **competences** excellent communication skills

> Organisational skills and competences Coordinator of research and development projects

Technical skills and competences Laboratory experience in environmental chemistry, operation of wastewater treatment plants

Computer skills and competences Good command of Microsoft Office (word, excel, power point)

Artistic skills and competences Music (piano player)

Other skills and competences Sport activities (bike, joking)

Driving licence(s) B

Mother tongue(s)

Greek

Other language(s)

Self-assessment European level (*)

German

English

French

Russian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
В1	Independent user	В1	Independent user	В2	Independent user	В2	Independent user	В1	Independen user
A1	Basic User	Α1	Basic User	Α1	Basic User	A1	Basic User	Α1	Basic User

(*) Common European Framework of Reference (CEF) level

Social skills and competences

Team spirit, adaptation to multicultural environments, work experience abroad, excellent communication skills

Organisational skills and competences

Coordinator of research and development projects

Technical skills and competences

Laboratory experience in environmental analytical chemistry, design and operation of wastewater treatment plants

Computer skills and competences

Good command of Microsoft Office (Word, Excel, PowerPoint)

Artistic skills and competences

Music (piano player)

Other skills and competences

Sport activities (bike, joking)

Driving licence(s)

Additional information

Publications

Research Projects

Annexes

Annex 1 List of Publications

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Annex 2 List of Research Projects

Annex 3 Invitations for oral presentations

Annex 4 Editor in Scientific Journals

Annex 1 List of Publications

- 1. <u>Pilidis G.</u> Etherspaltung mit Chlorsulfonylisocyanat (CSI): Tropylium-N-(Chlorsulfonyl)-O-methylcarbamidat aus CSI und 7-Methoxy-1,3,5-cycloheptatrien, *Chem. Ber. 116*, 3516, **1983**
- 2. Bindl J., <u>Pilidis G</u>, Daub J. Chiral Electron Transfer Compounds: Binaphto [2,3a] azulenequinone and *Binaphto* [2,3a] *Derivates by Oxidative Coupling*. Angew. Chem. Int. Ed. in Engl. 23, 314, **1984**
- 3. <u>Pilidis G.</u> Synthese von Bis(norcara-2, 4, 2', 4'-tetraenyliden) über eine Carbendimerisierung. *Coll. Cz. Chem. Communication*, 51, 2151, **1986**
- 4. Pilidis G. One Pot Oxidation and Dehydration with Selenium Dioxide. Ind. J. of Chemistry 26B, 1176, 1987
- 5. <u>Pilidis G</u>. Isolierung, Charakterisierung und Nachweis von σ-Komplexen bei der Chlorierung von 1,3,5-Tripyrrolidino und 1,3,5-Tridimethylaminobenzol. *Chim. Chron. New Series 16*, 227, **1987**
- 6. Stalikas C, <u>Pilidis G</u>, Karayannis M. Heavy metal concentration in sediments of Lake Ioannina and Kalama's river in North- Western Greece, *Fresen. Environ. Bull. 3*, 575, **1994**
- 7. Piperidou C., Chaidou C., Ioannidou A., <u>Pilidis G</u>. and Lahaniatis E. Characterisation of chlorinated compounds in soils, sediments and surface waters in the region of Epirus, *Fresen. Environ. Bull. 3*, 505, **1994**
- 8. Karanassios I., Georgakilas V., Lahaniatis E. <u>Pilidis G. Determination of airborne aromatic and polyaromatic hydrocarbons in two towns of north-western Greece, Fresen. Environ. Bull. 3, 511, 1994</u>
- 9. Lahaniatis E, Bergheim W, Kotzias D, <u>Pilidis G</u>. Formation of chlorinated hydrocarbons by water chlorination, Chemosphere 28, 229, **1994**
- 10. Hine N, <u>Pilidis G</u>. An assessment of the Efficiency of a Macrophyte-based Biological Treatment Plant to treat Wastewater from a Wood Impregnation Factory, *Fresen. Environ. Bull.* **4**, 630, **1995**
- 11. Piperidou C, Chaidou C, Saraci M, Stalikas C, <u>Pilidis G</u>. Determination of phenolic compounds, polynuclear aromatic hydrocarbons and heavy metals in surface waters in Albania, *Fresen. Environ. Bull.* **5**, 557, **1996**
- 12. <u>Pilidis G,</u> Ioannidou A, Saraci M. and Stalikas C. Determination of organochlorine pesticides and selected heavy metals in Albanian soils. *Fresen. Environ. Bull.* **5**, 551, **1996**
- 13. Stalikas C, <u>Pilidis G</u>, Karayannis M. Determination of lead and cadmium in environmental samples optimised by simplex optimised atomic adsorption methods, *J. Anal. At. Spectrom.* 11, 595, **1996**
- **14.** Stalikas C, Chaidou C, <u>Pilidis G</u>. Enrichment of PAH's and heavy metals in soils in the vicinity of the coal-fired power plants of West Macedonia (Greece), *Sci. Total Environ. 204*, 135, **1997**
- 15. Stalikas C., Mantalovas A, <u>Pilidis G</u>. Multielement concentration in vegetable species grown in two typical agricultural areas of Greece, *Sci. Total Environ. 206*, 17-24, **1997**
- **16.** Fiamegos Y, <u>Pilidis G</u>, Stalikas C, Dados A, Karayannis M. Alternative reagents for the improvement of the spectrophotometric method of phenol αnalysis, *Fresen. Environ. Bull. 7*, 558-563, **1998**
- 17. Vassilikiotis G, Chatzianestis J, Bartzis J, Vosniakos F, <u>Pilidis G</u>. Determination of VOCs in the atmosphere of the city of Thessaloniki/Greece. *Fresen. Environ. Bull. 7*, 1-6 (1998)
- 18. Stalikas C., <u>Pilidis G</u>. and S. M. Tzouvara Karayanni. Investigation of metal distribution in agricultural soils irrigated by lake using a sequential extraction scheme, *Sci. Total Environ. 236*, 7-18, **1999**
- 19. Fiamegos Y, Stalikas C, <u>Pilidis G</u>, Karayannis M. Synthesis and Analytical Applications of 4-Aminopyrazolone derivatives as chromogenic agents for the spectrophotometric determination of phenols. Anal. Chim. Acta 403, 315-323, **2000**
- 20. Stalikas C, <u>Pilidis G</u>. Development of a method for the simultaneous determination of phosphoric and amino acid group containing pesticides by gas chromatography-mass selective detection. Optimisation of the derivatiztion reaction using an experimental design approach. *J. Chromatogr. A 872*, 215-225 (2000)
- **21.** Paleologos E, Stalikas C, Tzouvara-Karayanni S, <u>Pilidis G</u>, Karayannis M. Micelle-mediated method for the speciation of Chromium. *J. Anal. At. Spectrom.* 15, 287-291 **2000**
- 22. Piperidou C, Chaidou C, Soulti K, Stalikas C, <u>Pilidis G*</u>, C.Balis. Chemical study of an olive oil mill wastewater bioremediation system based on Azotobacter Vinelandii, J. *Agric. Food Chem. 48*, 1941-1948, **2000**
- 23. Stalikas C, <u>Pilidis G</u>, Karayannis M. An integrated gas chromatographic method for the simultaneous determination of phosphoric and amino acid group containing pesticides. , *Chromatographi*, *51*, 741, **2000**
- 24. Conte P, Zena A, <u>Pilidis G</u>, Piccolo A. Effect of native and exogenous humic substances on adsorption of PAHs on soils. *Annali di Chimica 90*, 401 **2000**
- 25. Varvounis G, Fiamegos Y, <u>Pilidis G</u>. Pyrazol-3-ones. Part 1. Synthesis and applications *Advances in Heterocyclic Chemistry 80*, 73-156, **2001**
- 26. Fiamegos Y, Pilidis G, Varvounis G. Synthesis of 1-methyl-, 4-nitro-, 4-amino- and 4-iodo-1,2-dihydro-3H-pyrazol-3-

- ones. J. Heterocyclic Che., 38, 1065, 2001
- 27. Conte P, Zena A, <u>Pilidis G</u>, Piccolo A. Increased retention of polycyclic aromatic hydrocarbons in soils induced by soil treatment with humic substances, *Environmental Pollution 112*, 27, **2001**
- 28. Fiamegos Y, Stalikas C, <u>Pilidis G</u>. 4-Aminoantipyrine spectrophotometric method of phenol analysis. Study of the reaction products via liquid chromatography with diode array and mass spectrometric reaction. *Analytica Chimica Acta 467*, 105, **2002**
- **29.** Fiamegos Y, Nanos C, <u>Pilidis G</u>, Stalikas C. Phase-transfer catalytic determination of phenols as methylated derivatives by gas chromatography with flame ionization and mass-selective detection. *J. Chromatography A 983*, 215, **2003**
- 30. Kotsou M, Kyriacou A, Lazaridi K, <u>Pilidis G</u>. Integrated aerobic biological treatment and chemical oxidation with Fenton's reagent for processing of green table olive wastewater, *Process Biochemistry 39*, 1653-1660, **2004**
- **31.** Dados A, Stalikas C, <u>Pilidis G</u>. Determination of aromatic amines in textile after bromination by gas chromatography coupled with an electron capture detectio, *Chromatographia 59*, 335, **2004**
- **32.** Varvounis G, Fiamegos Y, <u>Pilidis G</u>. Pyrazol-3-ones. Part II: Reactions of the Ring Atoms. *Advances in Heterocyclic Chemistr*, *87*, 141-272, **2004**
- **33.** Kassomenos P, Karakitsios S, <u>Pilidis G</u>. A simple semi-empirical approach to modeling benzene concentration in a street canyov. *Atmospheric Environment*, *38*, 6073-6078, **2004**
- **34.** Kyriacou A, Lazaridi K, Kotsou M, Balis C, <u>Pilidis G</u>. Combined bioremediation and advanced oxidation of the green table olive processing wastewater, *Process Biochemistry 40*, 1401-1408, **2005**
- 35. Kassomenos P, Karakitsios S, <u>Pilidis G</u>. A methodology to estimate benzene concentrations in a town though a traffic model. *The Sciences of the Total Environment 347*, 272-281, **2005**
- **36.** <u>Pilidis G</u>, Karakitsios S, Kassomenos P. BETX measurements in a medium sized European city, *Atmospheric Environment 39*, 6051-6065, **2005**
- **37.** Karakitsios S, Papaloukas C, <u>Pilidis G</u>, Kassomenos P. Assessment and prediction of benzene concentration in a street canyon using artificial networks and deterministic models-their response to what if scenarios. *Ecological modelling*, 193, 253-270, **2006**
- 38. Karakitsios S, Hadjidakis I, Kassomenos P, <u>Pilidis G</u>. Development of an artificial neural network to predict benzene concentrations in a street canyon, *Fresenius Environmental Bulletin 15*, 424-430, **2006**
- **39.** Lasaridi K, Protopapa I, Kotsou M, <u>Pilidis G</u>, Manios T, Kyriacou A. Quality assesment of composts in the Greek market: The need for standards and quaity assurance. *Journal of Environmental Management*, *80*(1), 58-65, **2006**
- 40. Kassomenos P, Karakitsios S, <u>Pilidis G</u>. Assessment and prediction of benzene concentrations in a street canyon using a variety of models, in the means of environmental management purposes. *Global NEST Journal*, *8*(3), 265-271, **2006**
- 41. Karakitsios S, Delis V, Kassomenos P, <u>Pilidis G</u>. Contribution to ambient benzene concentrations in the vicinity of petrol stations. Estimation of the associated health risk, *Atmospheric Environment 41*, 1889-1902, **2007**
- 42. Parinos C, Stalikas C, <u>Pilidis G</u>. Chemical and physico-chemical profile of wastewaters produced from the different stages of Spanish-style green olives processing, *Journal of hazardous materials* 145, 339-343, **2007**
- 43. Karakitsios S, Papaloukas C, Kassomenos P, <u>Pilidis G</u>. Assessment and prediction of exposure to benzene of filling station employees. *Atmospheric Environment 41*, 9555-9564, **2007**
- 44. Varvounis G, Fiamegos Y, <u>Pilidis G</u>. Pyrazol-3-ones. Part III: Reactivity of ring substituents, *Advances in Heterocyclic Chemistry 95*, 27-141, **2007**
- 45. Karakitsios S, Sarigiannis D, Gotti A, Kassomenos P, <u>Pilidis G</u>. An integrated exposure and risk model for benzene in the ambient air. *Epidimiology*, *19*, 5356, **2008**
- 46. <u>Pilidis G</u>, Karakitsios S, Kassomenos P, Kazos E, Stalikas C.Measurements of benzene and formaldehyde in a medium size urban environment. Indoor/outdoor health risk implications on special population groups. *Environmental Monitoring and Assessment*, 150, 285-294, **2009**
- 47. Kassomenos P, Karakitsios S, Pilidis G. Daily variation of traffic emissions in a South-Eastern European urban agglomeration. *International Journal of Environmental Pollution 36*, 324-335, **2009**
- 48. Vareli K, <u>Pilidis G</u>, Briasoulis E, Sainis I. Molecular identification of Planktothrix rubescens as the cause of a potentially toxic intense algal bloom for a fist time in Greece (Lake Ziros), *Harmful Algae 8*, 447-453, **2009**
- 49. Sarigiannis D, Karakitsios S, Gotti A, Papaloukas C, Kassomenos P, <u>Pilidis G.</u>
 Bayesian Algorithm Implementation in a real time exposure assessment model on benzene with calculation of associated cancer risks, *Sensors 9*, 731-755, **2009**

- 50. Vareli K, Pilidis G, Mavrogiorgou M-C, Briasoulis E, Sainis I. Molecular characterization of cyanobacterial diversity and yearly fluctuations of Microcystin loads in a suburban Mediterranean Lake (Lake Pamvotis, Greece). *J. Environ. Monit.* 11, 1506 1512, 2009
- 51. Karabika E, Kallimanis A, Dados A, <u>Pilidis G</u>, Drainas C, Koukkou A. Taxonomic Identification and Use of Free and Entrapped Cells of a New Mycobacterium sp., Strain Spyr1 for Degradation of Polycyclic Aromatic Hydrocarbons (PAHs). *Applied Biochemistry and Biotechnology* **159**, 155, **2009**
- 52. Karakitsios S, Kassomenos P, Sarigiannis D, <u>Pilidis G</u>. Exposure modelling of benzene exploiting passive-active sampling data. *Environmental Modelling and Assessment* **15**, 283-294, **2010**
- 53. Zarkadas I. and <u>Pilidis G.</u>, Anaerobic co-digestion of table olove debittering and washing efluent, cattle manure and pig manure in batch and high volume laboratory anaerobic digesters: effect of themperature. *Bioresource Technology*, **102**, 4995-5003, **2011**
- 54. Vareli K., Zarali E., Zaharioudakis G., Vagenas G., Varelis V., <u>Pilidis G.</u>, Briasoulis E., Sainis I. Microcystin producing cyanobacterial communities in Amvrakikos Gulf (Mediterranean Sea, NW Greece) and accumulation in mussels (*Mytilus galloprovincialis*). *Harmful Algae*, **15**, 109-118, **2012**
- 55. Papadimitriou T., Kagalou I., Stalikas C., <u>Pilidis G.</u>, Leonardos I. Assessment of microcystin distribution and biomagnification in tissues of aquatic food web compartments from a shallow lakeand evaluation of potential risks to public health, *Ecotoxicology*, **21**, 297-314, **2012**
- 56. Zarkadas I., <u>Pilidis G</u>. Anaerobic digestion of cooked food wastes and dairy cattle manure in batch and large volume laboratory digesters, *Bioresource Technology*, in prerss

Patents

- Industrial Property Organization
 Combined biotechnological and chemical method for the management of table olive processing wastewaters
 K. Lazaridi, A. Kyriacou, M. Kotsou, S. Tasiopoulou and G. Pilidis
 - Patent number 1004115, 2003
- II. European Patent Office
 - K. Lazaridi, A. Kyriacou, M. Kotsou, S. Tasiopoulou and G. Pilidis

 Combined biotechnological and chemical method for the management of table olive processing wastewaters

 Certificate number 1359125, 2008
- III. Industrial Property Organization
 - E. Karabika, A. Kallimanis, G. Pilidis, A. Daddos, C. Drainas and A. Koukkou A new method for the immobilization of microorganisms for the biodegradation of petroleum products for the management of liquid wastes and soils
 - Patent number 2007-0100669 2008

Monographies

- 1. Bergheim W., Pilidis G., Topkaya B.
 - Topic: Environmental technology and waste management *Fresenius Environmental Bulletin*, **13**, 914, 2004
- 2. Kassomenos P., Pilidis G., Papaloukas C., Karakitsios S.
 - Parameters controlling ambient air benzene concentrations and human exposure in a medium sized South-eastern European city.
 - In: Air Quality in the 21st Century, ISBN 978-1-60456-793-9 (2008), Nova Science Publishers, Inc.

Annex 2 List of Research Projects

- 1. Research Committee of the University of Ioannina. Silyl-protective groups for tyrosine and threonine peptides synthesis, **1990**, 3 000 €
- 2. General Secretariat for Research and Development, EPET II. Establishment of the European Environmental Research Institute, **1991**, 265 000 €
- 3. Ministry of National Economy, INTERREG I. Environmental Impact Study at the border area between Greece and Albania, 1991, 300 000 €
- 4. General Secretariat for Research and Development, PAVE II. Synthesis of new compounds for the sensibilisation of the phenol spectrophotometric method in natural waters, **1993**, 47 000 €
- 5. **European Commission, DG XVI, Programme EMAS**-Pilot programme for the introduction of the "Environmental Monitoring Audit System" (later ISO 14000) in small-medium enterprises in West-Macedonia, **1993**, 15 000 €
- 6. General Secretariat for Research and Development, PENED I. Development of new methods and their application in the determination of toxic substances in real samples, **1994** 40 000 €
- 7. Ministry of Finance, Program ENVIREG. Determination of organic substances and heavy metals in ecosystems of the region of Epirus, **1994**, 40 000 €
- 8. General Secretariat for Research and Development, **EPET II**. Construction and operation of a pilot unit for the management of olive oil mill waste waters **1995**, 500 000 €
- 9. General Secretariat for Research and Development, Greek-German Co-operation. Pilot study for the remediation of soils polluted by petroleum products **1997**, 30 000 €
- 10. Ministry of the Environment. Environmental Impact Study for Greek Refineries, 1998, 64 000 €
- 11. European Commission, Joint Research Centre/Ispra Contract :No14141-1998-07 F1ED ISP GR Study and physicochemical evaluation of secondary aerosol precursors, 1998, 29 000 €
- 12. **European Commission, DG III, ESPRIT IV, Project 28757 (LORE)**-Recyclers as learning organizations towards the sustainable recycling economy, **1998**, 46 000 €
- 13. General Secretariat for Research and Development SYN-Programme-Study, isolation and biological activity of taxol and similar compounds from coniferous trees in the region of Epirus, **1999**, 30 000 €
- 14. Research Committee University of Ioannina. Isolation of phenolic compounds from olive oil mill waste waters, 1999, 3 000 €
- 15. **European Commission DG III**. Inter-laboratory study for the determination of azo-dyes in leather articles, **1999**, 3 000 €
- 16. General Secretariat for Research and Development, **EPET II**. Construction and operation of a pilot unit for the management of table olive waste waters **2000**, 75 000 €
- 17. General Secretariat for Research and Development. Study for the management of solvents in chemical laboratories, **2000**, 42000 €
- 18. Research Committee of the University of Ioannina. Atmospheric pollution in the city of Ioannina and proposals for the regulation of circulatory troubles, **2001**, 13200 €
- 19. **DG XII, GROWTH Programme, EU Contract, GRD1-CT2001-40698**. A non destructive Pulse Neutron Multiple Detector Tool for use in environmental, hydrocarbon and mineral exploration, **2001**, 24000 €
- 20. General Secretariat for Research and Development, **PENED 2001**. Installation and operation of pilot units for the remediation of soils polluted by petroleum hydrocarbons using microencapsulated microorganisms, **2001**, 88000 €
- 21. Ministry of Education, Program Pythagoras. Human exposure of people to atmospheric pollutants, 2002, 50000 €
- 22. General Secretariat for Research and Development, Program PRAXE. Pilot unit for the treatment of wastewaters from table olives, 2003, 44000 €
- 23. Municipal Enterprise of Water Supply Lamia. Drinking water quality, 2005-2011, 57600€
- 24. **CRAFT Programme, EU contract COOP-CT-2005-017641 (PIGMAN).** A sustainable solution for pig manure treatment, **2005**, 92500 €
- 25. Prefecture of Ioannina. Study of cyanobacteria in the lakes Pamyotis, Toumba and Metsovo, 2006, 28000 €
- 26. Cost Action 637: Metals and related substances in drinking water, 2006, 21600 €
- 27. Private contract: Tycheros- Chantzis. Operation of table olive processing wastewater treatment plant, **2007**, 35700 €
- 28. INTERREG III A Greece-Italy. International center of standardization and commercialization of traditional products of the region Epirus-South Italy, **2007**, 100000 €

- 29. **SEE-ERA NET**. Continuous water quality monitoring in surface waters at Montenegro/Serbia, **2007**, 20000 €
- 30. University of Ioannina, Open call for research projects, 2007, 40000 €
- 31. ETVA-Industrial areas SA. Drinking water quality, 2008-10, 17756 €
- 32. Private contract: Terramentor SA. Determination of toxic metals, hydrocarbons, pesticides and PCBs in soils, **2008**, 6850 €
- 33. General Secretariat of Epirus. Up-dating of technical studies for the environmental remediation of 49 open landfills in the region of Epirus, 2009, 100000 €
- 34. **FP7-ENV.2010.1.2.2-1-**On the reduction of health effects from combined exposure to indoor air pollutants in modern offices (OFFICAIR)-Grant agreement no: 265267, **2010**, 57567 €
- 35. Ministry of Labour and Social Insurance (Republic of Cyprus). Determination of benzene and other volatile organic compounds as well as nitrogen oxides in four cities of the Republic of Cyprus and petrol stations with the use of passive samplers, 2011, 88000 €
- 36. General Secretariat for Research and Development, Cooperation Program. A sustainable solution for the treatment of waste-wastewater generated by the livestock sector (ZOOGAS), **2012**, **688000** €.

Annex 3 Invitations for lecture

- 1. Environment and Development
 - Plenary lecture, International Conference on Environment, Metsovo/GR, 1992
- An assessment of the efficiency of a macrophyte-based biological treatment plant and of a bio filter to treat wastewater and waste air from a wood impregnation factory Italian-Greek Symposium, Ioannina/GR, 1995
- 3. Fate of organic pollutants in soils: sanitation technologies Commett Course, Biotechnology Center, University of Cranfield/UK, 1995
- 4. Olive oil mill wastewater's Chemical composition and biological treatment Commett Course, Biotechnology Center, University of Cranfield/UK, 1996
- 5. Determination of forbidden azo-dyes in textiles
 - Commett Course, Biotechnology Center, University of Cranfield/UK, 1997
- 6. The new drinking water directive
 - Standard, Measurement and Testing Course, Ioannina/GR, 1997
- 7. Pilot unites for biotechnological recycling methods
 Workshop in the framework of the Lore (DG III, Esprit Programme), Hotel Xenia, Ioannina, 1999
- Biogenic Emissions in the coastal zone of Preveza
 Plenary lecture in "International Conference on Environmental Management & Sustainable Development in Balkans", 7-9 July 2000, Preveza, Greece
- Laboratory investigations for the treatment of table olive processing wastewater
 12th international symposium on environmental pollution and its impact on life in the Mediterranean region,
 Antalya, October 2003
- 10. Drinking water disinfection technologies and problems related to the DWD International meeting of experts in the framework of the European project WE KNOW, Prague, March 2004
- 11. Membrane technologies for the treatment of wastewaters
 International meeting of experts in the framework of the European project PIGMAN, Nicosia,
 January 2006
- 12. Operation of a Pilot Plant for the Management of table olive processing wastewater in Greece, II International Table Olive Conference, Seville, March 2008
- 13. Certification of methods for the determination of organic pollutants in environmental samples in the framework of ISO 17025, Nicosia, Cyprus, September 14-15, 2008
- 14. A real scale capacity system for the suistainable solution of the management of table olive processing wastewater, International Sustainable Water ans Wastewater Management Symposium, 26-28 October 2010, Konya, Turkey
- 15. Measurements of benzene, NO2 and other BETX compounds in cities and remote areas in the Republic of Cyprus. Ministry of Labour and Social Insurance of the Republic of Cyprus, Nicosia, November 2011

- 16. Volatile Organic Compounds: General Overview-Limit values-Legislation-Helath effects, Ministry of Labour and Social Insurance of the Republic of Cyprus, Nicosia, November 2011
- 17. Olive wastes: An overview on the management of olive oil mill wastewaters and table olive processing wastewater from the biotechnological point of view, International Congress on Biotechnology, Academy of Sciences, Tirana, November 2011
- 18. Composting of food residues in a pilot scale continuous operation system, International Conference on Sustainable Solid Waste Management, June 2012, Athens, Greece
- 19. Current R & D on emerging pollutants in the Euro-Mediterranean countries, International conference on emerging pollutants, Hammamet, Tunisia, 10-16 September 2012

Annex 4 Others

1. EDITOR

Journal CLEAN-Soil, Air, Water (Impact Factor 2.2) Board of Editors: Agreement 201220470600 Editor on Environmental and Analytical Chemistry

2. Evaluator of scientific papers in:

Journal of Hazardous Materials (Impact factor 4.6) TALANTA (Impact Factor 3.8) Journal of Agricultural and Food Chemistry (Impact Factor 2.9) **DESALINATION** (Impact Factor 2.4) Atmospheric Environment (Impact Factor 3.8)

3. Books

Basic Organic Chemistry, University of Ioannina, 1983 Morisson-Boyd, translation into the Greek language, University of Ioannina, 1988 The lake Pamvotis, University of Ioannina, 2011

4. Intenational conferences

Organization of 16 intenational workshops and conferences

5. PhDs

Doktorfather in 5 PhDs, 6 Master thesis and 13 Diploma thesis