



Europass Curriculum Vitae

Personal information

First name / Surname

Address (Private)

Working Address

Telephone

E-mail

Nationality

Gender

**Desired employment /
Occupational field**

Work experience

Dates

Occupation or position held

Main activities

Name and address of employer

Type of business or sector

Education and training



Georgios Pilidis

Spetson str. 8, 45221 Ioannina (Greece); +302651075406

University campus, Department of Biol. Applications, 45110 Ioannina

+302651007518

Mobile

+306971531135; +30694633772

gpilidis@uoi.gr

Greek

Male

R & D activities / Environmental Chemistry & Technology

Organic Chemistry, Environmental Chemistry, Environmental Technology

30/09/1979 -today

🌐 Scientific staff of the University (Lecturer, Assistant Professor, Associate Professor, Full Professor, 1979-1989 & 1998-2016)

- ✓ Director in the European Environmental Research Institute (private institution, 1989-1998)
- ✓ Environmental Protection Engineering, Piraeus & Polyeco company, Aspropyrgos (1998-2008)
- ✓ Member of the Executive Committee of the Water Supply Company Ioannina (2006-2010)
- ✓ President (2009-2011), General Secretary (1993-1995) and member of the Executive Committee (2001-2015) of MESAEP (Mediterranean Environmental Scientific Association of the Environmental Protection)
- ✓ Consulting in private Companies:
 - Polyeco SA, Waste Management, Aspropyrgos/Attikis (2008-2011)
 - Umweltschutz Nord, Ganderkesee, Germany (1997-2001)
- ✓ Emeritus Professor since September 2016 (still active in teaching)

Teaching /Research/Administration/Conferences

University of Ioannina, Department of Chemistry (1979-1989 & 1998-2004) & Biological Applications & Technologies (2004 – today)

University campus, 45110 Ioannina (Greece)

Sokrates Panayotou; European Environmental Research Institute (1989-1998)

Ioannis Polychronopoulos (Environmental protection Engineering & Polyeco, 1998-2008)

Higher Education/Private Sector

Technical University of Stuttgart

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

Title of qualification awarded Diploma in Chemistry

Principal subjects/occupational skills Synthetic Organic Chemistry/Spectroscopy

Name and type of organization University of Regensburg

Title of qualification awarded Dr. rer. nat.

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

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

Mother language Greek

Other

	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
German	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
English	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
French	B1	Independent user	B1	Independent user	B2	Independent user	B2	Independent user	B1	Independent user
Russian	A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic User	A1	Basic user

(*) [Common](#)

[European Framework of Reference \(CEF\) level](#)

Social skills and competences

Team spirit, adaptation to multicultural environments, work experience in four EU countries, excellent communication skills

Organizational skills

Coordinator of research and development projects

Technical skills and competences

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

Computer skills and competences

Good command of Microsoft Office (Word, Excel, Power Point)

Artistic skills and competences

Music (classic, piano player)

Other skills and competences

Sport activities (joking, basketball referee, member of the executive committee in sport clubs)

Driving license(s)

B

Additional information

Publications, Research Projects, Invited speaker, educational skills, other scientific & social activities

Annex 1 List of Publications, Patents and Monographies

1. **Pilidis G** - 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., **Pilidis G**, 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. **Pilidis G** - 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. **Pilidis G** - Isolierung, Charakterisierung und Nachweis von σ -Komplexen bei der Chlorierung von 1,3,5-Tripyrrolidino und 1,3,5-Tridimethylaminobenzol. *Chim. Chron. NewSeries*, **16**, 227, **1987**
6. Stalikas C, **Pilidis G**, 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, **Pilidis G** and Lahaniatis E. - Characterization 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, **Pilidis G** - Determination of airborne aromatic and polyaromatic hydrocarbons in two towns of north-western Greece, *Fresen. Environ. Bull.* **3**, 511, **1994**
9. Lahaniatis E, Bergheim W, Kotzias D, **Pilidis G** - Formation of chlorinated hydrocarbons by water chlorination, *Chemosphere*, **28**, 229, **1994**
10. Hine N, **Pilidis G** - 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, **Pilidis G** - Determination of phenolic compounds, polynuclear aromatic hydrocarbons and heavy metals in surface waters in Albania, *Fresen. Environ. Bull.*, **5**, 557, **1996**
12. **Pilidis G**, 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, **Pilidis G**, Karayannis M. - Determination of lead and cadmium in environmental samples optimised by simplex optimized atomic adsorption methods, *J. Anal. At. Spectrom.*, **11**, 595, **1996**
14. Stalikas C, Chaidou C, **Pilidis G** - 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, **Pilidis G** - Multielement concentration in vegetable species grown in two typical agricultural areas of Greece, *Sci. Total Environ.*, **206**, 17, **1997**
16. Fiamegos Y, **Pilidis G**, Stalikas C, Dados A, Karayannis M. - Alternative reagents for the improvement of the spectrophotometric method of phenol analysis, *Fresen. Environ. Bull.*, **7**, 558, **1998**
17. Vassilikiotis G, Chatzianestis J, Bartzis J, Vosniakos F, **Pilidis G** - Determination of VOCs in the atmosphere of the city of Thessaloniki/Greece. *Fresen. Environ. Bull.*, **7**, 1, **1998**
18. Stalikas C, **Pilidis G**. 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, **1999**
19. Fiamegos Y, Stalikas C, **Pilidis G**, Karayannis M. - Synthesis and Analytical Applications of 4-Aminopyrazolone derivatives as chromogenic agents for the spectrophotometric determination of phenols. *Anal. Chim. Acta*, **315**, 403, **2000**
20. Stalikas C, **Pilidis G** - 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 derivatization reaction using an experimental design approach. *J. Chromatogr. A*, **872**, 215, **2000**
21. Paleologos E, Stalikas C, Tzouvara-Karayanni S, **Pilidis G**, Karayannis M. - Micelle-mediated method for the speciation of Chromium. *J. Anal. At. Spectrom.*, **15**, 287, **2000**
22. Piperidou C, Chaidou C, Soulti K, Stalikas C, **Pilidis G***, Balis C. - Chemical study of an olive oil mill wastewater bioremediation system based on *Azotobacter Vinelandii*, *J. Agric. Food Chem.*, **48**, 1941, **2000**
23. Stalikas C, **Pilidis G**, Karayannis M. - An integrated gas chromatographic method for the simultaneous determination of phosphoric and amino acid group containing pesticides, *Chromatographia*, **51**, 741, **2000**

24. Conte P, Zena A, **Pilidis G**, Piccolo A. - Effect of native and exogenous humic substances on adsorption of PAHs on soils. *Annali Chimica*, **90**, 401 **2000**
25. Varvounis G, Fiamegos Y, **Pilidis G** - Pyrazol-3-ones. Part 1. Synthesis and applications *Advances in Heterocyclic Chemistry*, **80**, 73, **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 Chem.*, **38**, 1065, **2001**
27. Conte P, Zena A, **Pilidis G**, 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, **Pilidis G** - 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, **Pilidis G**, 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. Bergheim W, **Pilidis G**, Topkaya B - Topic: Environmental technology and waste management, *Fresenius Environmental Bulletin*, **13**, 914, **2004**
31. Kotsou M, Kyriacou A, Lasaridi K, **Pilidis G** - Integrated aerobic biological treatment and chemical oxidation with Fenton's reagent for processing of green table olive wastewater, *Process Biochemistry*, **39**, 1653, **2004**
32. Dados A, Stalikas C, **Pilidis G** - Determination of aromatic amines in textile after bromination by gas chromatography coupled with an electron capture detection, *Chromatographia*, **59**, 335, **2004**
33. Varvounis G, Fiamegos Y, **Pilidis G** - Pyrazol-3-ones. Part II: Reactions of the Ring Atoms. *Advances in Heterocyclic Chemistry*, **87**, 141, **2004**
34. Kassomenos P, Karakitsios S, **Pilidis G** - A simple semi-empirical approach to modeling benzene concentration in a street canyon. *Atmospheric Environment*, **38**, 6073, **2004**
35. Kyriacou A, Lasaridi K, Kotsou M, Balis C, **Pilidis G** - Combined bioremediation and advanced oxidation of the green table olive processing wastewater, *Process Biochemistry*, **40**, 1401, **2005**
36. Kassomenos P, Karakitsios S, **Pilidis G** - A methodology to estimate benzene concentrations in a town through a traffic model. *The Sciences of the Total Environment*, **347**, 272, **2005**
37. **Pilidis G**, Karakitsios S, Kassomenos P.- BETX measurements in a medium sized European city, *Atmospheric Environment*, **39**, 6051, **2005**
38. Karakitsios S, Papaloukas C, **Pilidis G**, 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 modeling*, **193**, 253, **2006**
39. Karakitsios S, Hadjidakis I, Kassomenos P, **Pilidis G** - Development of an artificial neural network to predict benzene concentrations in a street canyon, *Fresenius Environmental Bulletin*, **15**, 424, **2006**
40. Lasaridi K, Protopapa I, Kotsou M, **Pilidis G**, Manios T, Kyriacou A. - Quality assessment of composts in the Greek market: The need for standards and quality assurance. *Journal of Environmental Management*, **80(1)**, 58, **2006**
41. Kassomenos P, Karakitsios S, **Pilidis G**. - 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, **2006**
42. Karakitsios S, Delis V, Kassomenos P, **Pilidis G** - Contribution to ambient benzene concentrations in the vicinity of petrol stations. Estimation of the associated health risk, *Atmospheric Environment*, **41**, 1889, **2007**
43. Parinos C, Stalikas C, **Pilidis G** - Chemical and physico-chemical profile of wastewaters produced from the different stages of Spanish-style green olives processing, *Journal of hazardous materials*, **145**, 339, **2007**
44. Karakitsios S, Papaloukas C, Kassomenos P, **Pilidis G** - Assessment and prediction of exposure to benzene of filling station employees. *Atmospheric Environment*, **41**, 9555, **2007**
45. Varvounis G, Fiamegos Y, **Pilidis G**. - Pyrazol-3-ones. Part III: Reactivity of ring substituents, *Advances in Heterocyclic Chemistry*, **95**, 27, **2007**
46. Karakitsios S, Sarigiannis D, Gotti A, Kassomenos P, **Pilidis G** - An integrated exposure and risk model for benzene in the ambient air. *Epidemiology*, **19**, 5356, **2008**

47. **Pilidis G**, 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, **2009**
48. 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, **2009**
49. Vareli K, **Pilidis G**, Briasoulis E, Sainis I. - Molecular identification of *Planktothrix rubescens* as the cause of a potentially toxic intense algal bloom for a first time in Greece (Lake Ziros), *Harmful Algae* **8**, 447, **2009**
50. Sarigiannis D, Karakitsios S, Gotti A, Papaloukas C, Kassomenos P, **Pilidis G**. - Bayesian Algorithm Implementation in a real time exposure assessment model on benzene with calculation of associated cancer risks, *Sensors*, **9**, 731, **2009**
51. 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, **2009**
52. Karabika E, Kallimanis A, Dados A, **Pilidis G**, 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**
53. Karakitsios S, Kassomenos P, Sarigiannis D, **Pilidis G**. - Exposure modeling of benzene exploiting passive-active sampling data. *Environmental Modelling and Assessment*, **15**, 283, **2010**
54. Zarkadas I. and **Pilidis G** - Anaerobic co-digestion of table olive debittering and washing effluent, cattle manure and pig manure in batch and high volume laboratory anaerobic digesters: effect of temperature. *Bioresource Technology*, **102**, 4995, **2011**
55. Vareli K, Zarali E, Zaharioudakis G, Vagenas G, Varelis V, **Pilidis G**, 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, **2012**
56. Papadimitriou T, Kagalou I, Stalikas C, **Pilidis G**, Leonardos I. - Assessment of microcystin distribution and bio magnification in tissues of aquatic food web compartments from a shallow lake and evaluation of potential risks to public health, *Ecotoxicology*, **21**, 297, **2012**
57. Karakitsios S, Sarigiannis D, Gotti A, Kassomenos P, **Pilidis G** - A methodological frame for assessing benzene induced leukemia risk mitigation due to policy measures, *Science of the Total Environment*, **443**, 549, **2013**
58. Zarkadas I, Sofikiti A, Voudrias E, **Pilidis G** - Thermophilic anaerobic digestion of pasteurized food wastes and dairy cattle manure in batch and large volume laboratory digesters: Focusing on mixing ratios, *Renewable Energy*, **80**, 432, **2015**
59. Vareli K, Touka A, Theuilart X, Briasoulis E, **Pilidis G**, Sainis I - Microcystins in two low nutrient lakes in the Epirus region (NW Greece). *CLEAN-Soil, Air, Water*, **43**, 1307, **2015**
60. Petrotos K, Lampakis D, **Pilidis G**, Leontopoulos S - Production and encapsulation of polyphenols derived from clarified waste by using a combination of macro porous resins and spray drying. *International Journal of Food and Biosystems Engineering*, **Vol. 1 (1)**, 40, **2015**
61. Zarkadas I, Dontis G, **Pilidis G**, Sarigiannis D - Exploring the potential of fur farming wastes and byproducts as substrates to anaerobic digestion process, *Renewable Energy*, **96**, 1063, **2016**
62. Kotzias D and **Pilidis G** - Building design and indoor air quality-Experience and prospects, *Fresen. Environ. Bull*, **26**, 323, **2017**
63. Zarkadas I, Georgopoulos N, Kaldis F, **Pilidis G**, Sarigiannis D. - Assessing the Biomethane potential of three pickling and canning semi-solid wastes under thermophilic conditions, *Fresen. Environ. Bull*, **26**, 39, **2017**
64. Zarkadas I, Angeli E, Sainis I. Voudrias E, **Pilidis G** - Food waste composting in a continuous feed rotating drum reactor, *CLEAN-Soil, Air, Water*, **46 (2)**, **2018**

Patents

- I. Industrial Property Organization, *Combined biotechnological and chemical method for the management of table olive processing wastewaters* K. Lasaridi, A. Kyriacou, M. Kotsou, S. Tasiopoulou and G. Pilidis
Patent Number 1004115, **2003**
- II. European Patent Office, K. Lasaridi, 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. Drinas and A. KoukkouA *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. Kassomenos P, Pilidis G, Papaloukas C, Karakitsios S.
Parameters controlling ambient air benzene concentrations and human exposure in a medium sized Southeastern European city.

In: Air Quality in the 21st Century, ISBN 978-1-60456-793-9 (**2008**), Nova Science Publishers, Inc.

2. Bergheim W, Pilidis G, Topkaya B.

Special Topic: Environmental technology and waste management

Fresenius Environmental Bulletin, 13, 914, **2004**

Annex 2 Research & Development Projects

1. Research Committee (University of Ioannina): Silyl-protective groups for tyrosine and threonine peptides synthesis, **1990**.
2. General Secretariat for Research and Development, EPET II. Establishment of the European Environmental Research Institute, **1991**.
3. Ministry of National Economy, INTERREG I. Environmental Impact Study at the border area between Greece and Albania, **1991**.
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**.
5. **European Commission, DG XVI, Program EMAS**-Pilot program for the introduction of the "Environmental Monitoring Audit System" (later ISO 14000) in small-medium enterprises in West-Macedonia, **1993**.
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**.
7. Ministry of Finance, Program ENVIREG. Determination of organic substances and heavy metals in ecosystems of the region of Epirus, **1994**.
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**.
9. General Secretariat for Research and Development, Greek-German Co-operation. Pilot study for the remediation of soils polluted by petroleum products, **1997**.
10. Ministry of the Environment. Environmental Impact Study for Greek Refineries, **1998**.
11. **European Commission, Joint Research Centre - Contract: No14141-1998-07 F1ED ISP GR**
Study and physicochemical evaluation of secondary aerosol precursors, **1998**.
12. **European Commission, DG III, ESPRIT IV, Project 28757 (LORE)**
Recyclers as learning organizations towards the sustainable recycling economy, **1998**.
13. General Secretariat for Research and Development – SYN-Program
Study, isolation and biological activity of taxol and similar compounds from coniferous trees in the region of Epirus, **1999**.
14. Research Committee: Isolation of phenolic compounds from olive oil mill waste waters, **1999**.
15. **European Commission DG III**. Inter-laboratory study for the determination of azo-dyes in leather articles, **1999**.
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**.

17. General Secretariat for Research and Development. Study for the management of solvents in chemical laboratories, **2000**.
18. Research Committee of the University of Ioannina. Atmospheric pollution in the city of Ioannina and proposals for the regulation of circulatory troubles, **2001**.
19. **DG XII, GROWTH Program, EU Contract, GRD1-CT2001-40698**. A non-destructive Pulse Neutron Multiple Detector Tool for use in environmental, hydrocarbon and mineral exploration, **2001**.
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**.
21. Ministry of Education, Program Pythagoras. Human exposure of people to atmospheric pollutants, **2002**.
22. General Secretariat for Research and Development, Program PRAXE. Pilot unit for the treatment of wastewaters from table olives, **2003**.
23. Municipal Enterprise of Water Supply Lamia. Drinking Water Quality, **2005**.
24. **CRAFT Program, EU contract COOP-CT-2005-017641 (PIGMAN)**. A sustainable solution for pig manure treatment, **2005**.
25. Prefecture of Ioannina. Study of cyanobacteria in the lakes Pamvotis, Toumba and Metsovo, **2006**.
26. **Cost Action 637**: Metals and related substances in drinking water, **2006**.
27. Private contract: Operation of table olive processing wastewater treatment plant, **2007**.
28. INTERREG III A Greece-Italy. International center of standardization and commercialization of traditional products of the region Epirus-South Italy, **2007**.
29. **SEE-ERA NET**. Continuous water quality monitoring in surface waters at Montenegro/Serbia, **2007**.
30. University of Ioannina, Open call for research projects, **2007**.
31. ETVA-Industrial areas SA. Drinking water quality, **2008**.
32. Private contract: Terramentor SA. Determination of toxic metals, hydrocarbons, pesticides and PCBs in soils, **2008**.
33. General Secretariat of Epirus. Up-dating of technical studies for the environmental remediation of 49 open landfills in the region of Epirus, **2009**.
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**.
35. Ministry of Labor 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**.
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**.
37. Private contract: ETVA-industrial areas SA, Drinking water quality, **2013**.

Annex 3 Invitations for lecture

1. Environment and Development
Plenary lecture, International Conference on Environment, Metsovo/GR, 1992
2. 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 (EU), Biotechnology Center, University of Cranfield/UK, 1995
4. Olive oil mill wastewater's - Chemical composition and biological treatment Commett Course, (EU) Biotechnology Center, University of Cranfield/UK, 1996
5. Determination of forbidden azo-dyes in textiles , Commett Course (EU), Biotechnology Center, University of Cranfield/UK, 1997
6. The new Drinking Water Directive 98/83
Standard, Measurement and Testing Course (EU), Ioannina/GR, 1997

6. Pilot units for biotechnological recycling methods
Workshop in the framework of the Lore (DG III, Esprit Program), Hotel Xenia, Ioannina/GR, 1999
7. 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/GR
8. 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/TR, October 2003
9. Drinking water disinfection technologies and problems related to the DWD
International meeting of experts in the framework of the European project WE KNOW, Prague/CZ, March 2004
10. Membrane technologies for the treatment of wastewaters
International meeting of experts in the framework of the European project PIGMAN, Nicosia/CY 2006
11. Operation of a Pilot Plant for the Management of table olive processing wastewater in Greece, II International Table Olive Conference, Seville/ES, March 2008
12. Certification of methods for the determination of organic pollutants in environmental samples in the framework of ISO 17025, Nicosia/CY, September 14-15, 2008
13. A real scale capacity system for the sustainable solution of the management of table olive processing wastewater, International Sustainable Water and Wastewater Management Symposium, 26-28 October 2010, Konya/TR
14. Erasmus exchange visits: Lectures (5 hours) to PhD students in subjects related to wastewater treatment, drinking water technologies, composting of municipal solid wastes, University of Bayreuth, Department of Biology/GER July 2011.
15. Measurements of benzene, NO₂ and other BETX compounds in cities and remote areas in the Republic of Cyprus. Ministry of Labor and Social Insurance of the Republic of Cyprus, Nicosia, November 2011
16. Volatile Organic Compounds: General Overview-Limit values-Legislation-Health effects, Ministry of Labor and Social Insurance of the Republic of Cyprus, Nicosia/CY 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/AL, November 2011
18. Composting of food residues in a pilot scale continuous operation system, International Conference on Sustainable Solid Waste Management, June 2012, Athens/GR
19. Current R & D on emerging pollutants in the Euro-Mediterranean countries, International conference on emerging pollutants, Hammamet/TU, 10-16 September 2012
20. Management of Municipal Solid Wastes in a rural region of Greece: the case of Epirus, Ioannina/GR, October 2013
21. Research on emerging pollutants as part of the environmental pollution in the Mediterranean basin
International conference on emerging pollutants, Tunis/TU, 24-28 November 2013
22. Cyanobacterial hepatotoxins in the sea: the case of Amvrakikos Gulf
International conference on emerging pollutants, Tunis/TU, 24-28 November 2013
25. Dangerous compounds in sanitary landfills. Municipality of Ioannina/GR, June 2015.
26. Erasmus exchange visits: Lectures (5 hours) to PhD students in subjects related to energy efficient buildings, indoor air pollution in relation to energy efficiency, human health and indoor environment, University of Bayreuth/GER, Department of Biology, July 2016.

Annex 4 Teaching Experience in Universities and Higher Education Institutes

1. 1973-1978 University of Regensburg (GER)
Scientific responsible for student group in the laboratories of Analytical and Organic Chemistry (8 hours/week)

2. 1975-1978 Higher Officer School Regensburg (GER)
Teacher for General Chemistry and Organic Chemistry (6 hours/week)
3. 1979-1989 University of Ioannina, Department of Chemistry
18 hours/week teaching in theoretical and practical organic chemistry courses
4. 1998-2004 University of Ioannina, Department of Chemistry
9 hours/week teaching in theoretical and practical organic chemistry courses
5. 2004-2016 University of Ioannina, Department of Biological Applications & Technologies
8 hours/week teaching in General Chemistry, Organic Chemistry, Environmental Chemistry and Environmental Technology courses
6. 2016 – today University of Ioannina, Department of Biological Applications & Technologies
3 hours/week Teaching lessons in: Environmental Chemistry, Environmental Technology

Annex 5 Other Scientific Activities

1. EDITOR in Scientific Journal (2013-2016)
Journal CLEAN-Soil, Air, Water (Impact Factor 2.0) Board of Editors: Agreement 201220470600
Editor on: Environmental and Analytical Chemistry
2. Swedish Research Academy (2013-2021)
Main Evaluator: Applications in Natural Sciences
3. Greek Secretariat for Research and Development
Evaluator of Research Applications
4. Greek National Grants Office (IKY)
Evaluator of Grant Applications
5. Evaluator of scientific papers in:
Journal of Hazardous Materials (Impact factor 5.1) TALANTA
(Impact Factor 4.2)
Journal of Agricultural and Food Chemistry (Impact Factor 3.1) DESALINATION
(Impact Factor 2.8)
Atmospheric Environment (Impact Factor 4.1)
6. Author of Scientific Books
Basic Organic Chemistry, University of Ioannina, 1983
Organic Chemistry: Morisson-Boyd (translation into the Greek language), University of Ioannina, 1988
The Lake Pamvotis, University of Ioannina, 2011
7. International conferences
Organization of 27 international workshops and conferences
8. PhDs Supervisor in 6 PhDs, 6 Master and 18 Diploma theses