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ARISTOTLE UNIVERSITY OF THESSALONIKI

Department of Chemistry

Environmental Pollution Control Laboratory

CURRICULUM VITAE

THESSALONIKI 2020

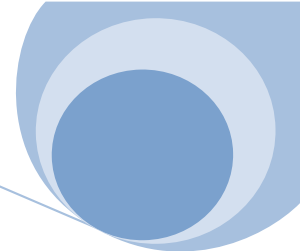
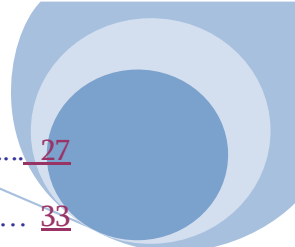


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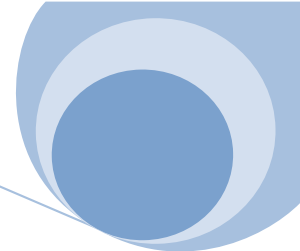
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A1. PERSONAL DETAILS

First name / Surname	Dimitra A. Lambropoulou	
Home Address	Ariadnis 1-3, 54249, Thessaloniki, Greece	
Work Address	Aristotle University of Thessaloniki, Dep. of Chemistry, Environmental Pollution Control Laboratory, University Campus GR - 54 124 Thessaloniki, Greece	
Telephone(s)	(+30-2310-997687)	Mobile: (+30-6978383938)
Fax(es)	(+30-2310-997799)	
E-mail	dlambro@chem.auth.gr	
Web Page	URL: http://www.chem.auth.gr/index.php?lang=en&st=133	
Nationality	(Greek)	
Date of birth	(17.04.1974)	
Gender	(Female)	

A2. EDUCATION – TRAINING

A2.1 Higher education

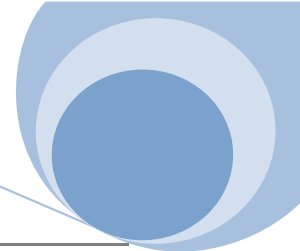
1996	Degree in Chemistry, University of Ioannina, Greece
2002	Ph.D. in Chemistry (Thesis grade: 10/10), University of Ioannina, Greece

A2.2 PhD Thesis

2002	<i>“Development of Solid phase Microextraction methods for the determination of different groups of pesticides in environmental and food samples”.</i> Dep. of Chemistry, University of Ioannina
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A2.3 Short-term scientific education and period visits

01/06/2005- 31/07/2005	: : <i>Departamento de Hidrogeología y Química Analítica, (Pesticide Research Group), University of Almería, (Prof. Amadeo Fernandez Alba).</i>
11/01/2008 – 11/03/2008	: : Department of Environmental Health Sciences, University Medical Center Freiburg, Prof. Klaus Kümmerer. (Short Term Scientific Mission (STSM), (COST 636, XENOBIOTICS IN THE URBAN WATER CYCLE)
24/04/2011- 30/04/2011	: : Short-term scientific education in GAIA Lab, Department of Civil and Environmental Engineering, University of Cyprus.
15/10/2012- 26/11/2012	: : Plataforma Solar de Almería - Solar Facilities for the European Research Area (SFERA) Project.



A2.4. Training

01/07/1994-31/08/1994	: Short-term scientific education in Chemical Laboratory of Lignite Center of Ptolemais, Greece
01/07/1995-31/08/1995	: Short-term scientific education in Chemical Laboratory of Lignite Center of Ptolemais, Greece
2002	: Educational seminar software ArcGIS (ArcInfo-ArcView) of ESRI held on 6, 7 and 8 November 2002 in Athens from the Marathon Data Systems.
2003	: Educational seminar software ArcGIS (ArcInfo-ArcView) of ESRI held on 12, 13 and 14 November 2003 in Thessaloniki by the Marathon Data Systems.
2004	: ECO-IMAGINE Conference ECO-IMAGINE Training Course “ Coastal Governance, Planning and Design and GI”, Genova (I) on 16th – 20 th November 2004, Supported by the European Commission, Marie Curie Conferences and Training Courses, Contract n°: MSCF-CT-2003-504444
2004	: Training seminar on "new materials for sustainable development", under "network energy technologies for sustainable development, 8-17 December 2004, the University of Ioannina.
2005	: Educational seminar software ArcGIS (ArcInfo-ArcView) of ESRI held on 16, 17 and 18 May 2005 in Ioannina by Marathon Data Systems.
2005	: ECO-IMAGINE Conference ECO-IMAGINE Training Course “The Waterfront Management and GI”, Lisbon (P) on 1st – 7th June 2005, Supported by the European Commission, Marie Curie Conferences and Training Courses, Contract n°: MSCF-CT-2003-504444.
2005	: Training course “- METROLOGY - ACCREDITATION: Tools for achieving reliability laboratory” held on 5-9 December 2005 in Athens by the Greek Laboratories Association (Hellas Lab).
2007	: Training Seminar on "Training of executives and partners of E. S. Y. D" held on 24 – September 29, 2007, in Athens by the Hellenic Accreditation System (ESYD).
2009	: Educational seminar software ArcGIS (ArcInfo-ArcView) of ESRI ArcGis-II held on 23-25/11/2009, in Thessaloniki by the Marathon Data Systems and the Aristotle University of Thessaloniki.
2009	: Training course on UPLC- MS/MS systems – TQD Training, Waters Educational Services – Vienna, October 19-22, 2009.
2012	: Training course ' MATLAB Workshop development of statistical analysis and data models, 26/04/2012, Mentor Hellas, Thessaloniki.
2012	: Certified training program "training of trainers", lasting 100 hours – successful participation in evaluation exam – certification of knowledge and skills, conducted by the National Centre for public administration and decentralization (EKDDA) from 27/04/2011 to 19/05/2012.
2012	: Training seminar "Project Management Professional (PMP) Preparation course", duration 16 hours held by the Human Asset SA in Thessaloniki, from 23/06/2011 to 02/07/2012.
2013	: Training seminar "Introduction to Project Management using MS Project 2010 software", duration 40 hours held by Human Asset SA in Thessaloniki, from 21/06/2013-23/06/2013.

2013	: Training seminar "Lean Six Sigma (Green Belt-I Certification CGB) Preparation Course", duration 80 hours held by Human Asset SA in Thessaloniki, from 01/07/2013 until 31/07/2013.
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A2.5. Computer skills and competences

- Windows/Microsoft Office (Word, Excel, Access, Powerpoint, Publisher)
- Geographical Information Systems (GIS) (ArcView, ArcGIS 9.1)
- Statistical Softwares (Minitab, Origin, Design-Expert)
- Design Software (AutoCaD 2012)
- Flash and Web-Developing (Adobe Dreamweaver CS6)
- Image Editor Software (Adobe Photoshop CS6, CorelDRAW® Graphics X6)

A3. EMPLOYMENT BACKGROUND

A.3.1. Career

1998-2002	: Assistant researcher to project assignments of Industrial Chemistry Laboratory, Department of chemistry, University of Ioannina, in the context of research programmes on chemical analysis of environmental samples
1998-2004	: Collaborating teaching staff in WCC Applied Agroecology, University of Ioannina
18/01/2002-12/01/2009	: Manager of Lab Toxic Wastes of the University of Ioannina. (Horizontal Network laboratories). Pryt. Act 16358/5-7-2002, FEK 326/24-12-2001
2002-2009	: Assistant researcher of the laboratory of industrial chemistry, Department of chemistry, University of Ioannina, in the context of research programmes on chemical analysis of environmental samples
2003-2004	: Collaborating teaching staff in Graduate Studies Program "Agriculture and Environment" of the Department of Environment of the Aegean University in partnership with the departments of plant production, animal production and floriculture – landscape architecture of TEI of Epirus
2003-2007	: Collaborating teaching staff in Interdepartmental Postgraduate Programme "Agrochemistry and organic farming", Department of Chemistry, University of Ioannina
2005-2009	: Collaborating teaching staff in Interdepartmental Postgraduate Programme "Environment-New Technologies", Department of Chemistry, University of Ioannina and Thessaloniki's ATEI
2007- to present	: External assessor and expert in the Hellenic Accreditation System S.A., which has the distinctive title "ESYD". Field of chemical analysis (ISO 17025)
2009-to present	: Collaborating Educational Personnel in post graduate studies of the Hellenic Open University (HOU), Greece
2009- 2014	: Lecturer in the Department of chemistry , Aristotle University of Thessaloniki (AUTH), in Environmental Pollution Control Laboratory, in the research field of "Environmental Chemistry» (FEK 1159/29.12.2008, -13-01-2009)
2014- 2019	Assistant Professor in the Department of chemistry , Aristotle University of Thessaloniki (AUTH), in Environmental Pollution Control Laboratory, in the research field of "Environmental Chemistry»



2019- present	to	Associate Professor in the Department of chemistry, Aristotle University of Thessaloniki (AUTH), in Environmental Pollution Control Laboratory, in the research field of "Environmental Chemistry»
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A3.2. Qualified Professional Experience

2009- present	to	Regional Assessor accessible to the accreditation bodies in South East Europe. Chemical analysis (ISO 17025)
2011- present	to	: Trainer – Instructor Training seminars of the National Centre for public administration and Decentralization (EKDDA)
04/04/2011- 10/04/2011	:	Expert in Cypriot General Laboratory for the development of chromatographic methods (GC-MS & LC-MS/MS),
2012- present	:	Certified Adult Trainer

A4. RESEARCH FIELDS IN ENVIRONMENTAL CHEMISTRY

- (i) Development of modern extraction techniques coupled to mass spectrometry for determination of organic micropollutants in environmental samples,
- (ii) Occurrence, transport, fate and effects of micropollutants (pesticides, PPCPs, phenols, PCBs, PAHs, endocrine disrupting compounds etc..) in the environment,
- (iii) Identification and structure elucidation of organic contaminants by advanced mass spectrometric techniques (GC-MS, GC-MS/MS, LC-MS/MS, LC-ToF/MS, LC-QToF etc),
- (iv) Development of effective degradation and purification processes for the mineralization of organic micropollutants (Advanced Oxidation Processes (AOPs), especially in photocatalysis, destruction with artificial and solar light
- (v) Development of nanostructured materials
- (vi) Environmental toxicology and risk assessment management
- (vii) Management of hazardous wastes
- (viii) Development of Geographic Information Systems (GIS) in environmental studies
- (ix) Quality Control/Quality assurance, ISO 17025

Total Publications: 132

118 Papers in scientific journals / **14 Chapters** in international scientific books

Total citations: 4679 (4280 - excluding self citations) (Scopus 20/01/2020)

h-index: 40

Editing international Books: Co-Editor in two (2) books

TABLE 1. SUMMARY OF ACHIEVEMENTS

Number of research projects as Principal Investigator	:	20 (since 2009)
Number of research projects as Collaborator	:	30 (since 1998)
Number of papers published in peer-reviewed journals	:	108
Number of reviews published in peer-reviewed journals	:	10
Number of invited chapters in books	:	14
Number of Citations (Scopus – 20.01.20)	:	4679
Publication <i>h</i> Factor	:	40

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Mean impact factor of Journals ISI	:	3.478
Lessons in Studies of the Dep. of Chemistry (Number/Years)	:	5/9
Lessons in Post Grad. Studies of (Number/Years)	:	8/10
Supervision of PhD Theses	:	2 (completed) / 3 (in progress)
Supervision of MSc Theses	:	27 (23 completed)
Member of Consultant Committee for PhD Theses	:	6 (2 completed)
Member of Evaluation Committee for PhD Theses	:	15
Member of Evaluation Committee for Masters Theses	:	26
Supervision of student's scientific work	:	20 (15 completed)
Number of publications in International Conferences	:	142
Number of publications in National Conferences	:	46
Number of journals involved as reviewer	:	53
Member of conference scientific committees	:	10
Member of conference organizing committees	:	7

PART B: TEACHING ACTIVITIES – SUPERVISION AND MENTORSHIP

B1. UNDERGRADUATE LESSONS (CO-TEACHING)	
Department Of Chemistry, University of Ioannina	
1998-2001	: Auxiliary teaching in the laboratory course " Physical Processes of Chemical Technology " Industrial Chemistry Laboratory, Department of chemistry, University of Ioannina (7th semester)
1998-2001	: Auxiliary teaching in the laboratory course " Chemical Processes of Chemical Technology " Industrial Chemistry Laboratory, Department of chemistry, University of Ioannina (8th semester)
1998-2001	: Auxiliary teaching in the framework of the course " Environmental Pollution Control ", Wcc Department "Applied agro-Ecology", University of Ioannina, (2nd Semester)
2002-2004	: Teaching in the framework of the course " Recycling Agricultural by-products and Wastes " of the WCC "Applied Agro-Ecology", University of Ioannina, (3rd Quarter of the 5th year)
Lecturer	
Department of Chemistry, Aristotle University Of Thessaloniki	
2009-2012	: Teaching in the framework of the course " Ecosystem Management ", of the undergraduate program of the Department of chemistry, Aristotle University of Thessaloniki (2nd Semester of 4th year)
2009-2012	: Teaching in the framework of the course " Environmental pollution control ", the undergraduate program of the Department of chemistry, Aristotle University of Thessaloniki (1 st Semester of 4th year)
2009-2010	: Teaching in the framework of the course " Environmental Chemistry " the undergraduate program of the Department of chemistry, Aristotle University of Thessaloniki (1st semester of 3rd year)
Other Departments of the Aristotle University of Thessaloniki	
2010-2012	: Teaching in the framework of the course " Environmental Chemistry " the Forestry Department's undergraduate program, Aristotle University of Thessaloniki (1 st Semester of 5th year)
2011-2012	: Teaching in the framework of the course " Environmental Chemistry and Biology " of undergraduate program of the Department of Mechanical Engineering, Aristotle University of Thessaloniki, (1 st Semester of 5th year)
B2. POSTGRADUATE COURSES (CO-TEACHING)	
Department of Chemistry, University of Ioannina, Epirus TEI	
2003	: Auxiliary teaching in the framework of the course " Pesticide Residues in Surface and Underground Waters and Vegetable Tissues " in the context of laboratory exercise of students of the postgraduate Program "Agriculture and Environment" of the Department of Environment of the Aegean University in partnership with the departments of plant production, animal production and Floriculture – landscape architecture of TEI of Epirus (spring semester of the 1st year)
2005-2008	: Teaching in the framework of the course " Environmental Chemistry " Interdepartmental Postgraduate Programme "Environment-New Technologies", Department of Chemistry, University of Ioannina and Thessaloniki's ATEI (1st semester of the 1st year)
2003-2006	: Auxiliary teaching in the framework of the course " Chemical and Environmental Technology " of the intradepartmental Postgraduate Program "Agrochemistry and organic farming", Department of Chemistry, University of Ioannina, (1st semester of 1st year)

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2003-2005	: Auxiliary teaching in the framework of the course " Pesticides and the environment " of the intradepartmental postgraduate Program Agrochemistry and organic farming ", Department of Chemistry, University of Ioannina, (2nd semester of the 1st year)
2003-2007	: Teaching in the framework of the course " Introduction to Agrochemistry " interdepartmental postgraduate programme "Agrochimeia and organic farming", Department of Chemistry, University of Ioannina, (a half of 1st year)
2003-2007	: Teaching in the framework of the course " Pollution Control and Environmental Protection Technologies " of the intradepartmental postgraduate Program "Agrochimeia and organic farming", Department of Chemistry, University of Ioannina, (2nd semester of the 1st year)
	Lecturer
	Department Of Chemistry, Aristotle University Of Thessaloniki
2009-2012	: Teaching in the framework of the course " Modern Methods of Identification and Analysis ", postgraduate studies of the Aristotle University of Thessaloniki, Department of Chemistry (2nd semester of the 1st year)
2009-2012	: Teaching in the framework of the course " Advanced pollution control in the environment ", postgraduate studies of the Aristotle University of Thessaloniki, Department of Chemistry (1st semester of the 1st year)
2009-2012	: Teaching in the framework of the course " Environmental Quality " Control of Interdepartmental Postgraduate Programme " Chemical Analysis – Quality Control " of the Aristotle University of Thessaloniki, Department of chemistry and the Department of chemistry of the University of Athens, (2nd year, 1st Semester)
2009-2012	: Teaching in the framework of the course " Advanced Environmental Chemistry ", postgraduate studies of the Aristotle University of Thessaloniki, Department of Chemistry (1st semester of the 1st year)

B3. SUPERVISION AND MENTORSHIP: POSTGRADUATE WORK, UNDERGRADUATE WORK AND ADVISORY COMMITTEES

B3.1. Supervision of Master Thesis (10)

Seven (7) graduate students have completed master's thesis and **three (3)** are in progress.

Supervising the following graduate students in their endeavor for a M.Sc. in Environmental Chemistry, & environmental technology:

	A. Department of chemistry, Aristotle University of Thessaloniki in the frames of the program of postgraduate studies-Environmental Chemistry
2010	: [1]. Nikolaos Tzikalos , "Study of Photocatalytic degradation of Reactive dye (Red 195) by using catalysts TiO ₂ ", master's thesis completed in December 2010.
2010- in progress	: [2]. Zoi Iouloudi , September 2010. She has completed part of the experiments of Thesis.
2011- in progress	: [3]. Noula Papaslani , September 2011. She has completed part of the experiments of Master Thesis.
2012- in progress	: [4]. Myrsini Papageorgiou , September 2012. She has launched the diploma thesis with the examination of the literature. Expected to start experiments in December 2012.

		B. Hellenic Open University (EAP) within the framework of the program of postgraduate studies-Waste Management
2009	:	[5]. John Kalampoukas , "Presenting the current situation in the field of alternative waste management Electrical & electronic equipment, Used Vehicle Tyres and Waste Lubricating Oils in the region of Western Macedonia-management improvement suggestions and perspectives" has completed the post graduate diploma in September 2009
2011	:	[6]. Georgios Skatharos , "Evaluation of pollution levels from pharmaceutical compounds in wastewaters: Comparative evaluation of methods of removal and proposed solutions" completed the MSc in April 2011
2011	:	[7]. Sophia Hahami , "Study of integrated river basin management of Transboundary River Strymonas in the context of Water Frame Directive 2000/60", master's thesis completed in September 2011.
2011	:	[8]. Ioannis Papakostas , "Air and particulate pollution in the region of Western Macedonia", master's thesis completed in September 2012.
		C. In the context of Interdepartmental Postgraduate programs
2010	:	[9]. Kyriaki Chatzibariti , "Determination of trihalomethanes in drinking water and surface Waters", master's thesis completed in December of 2010- Interdepartmental Postgraduate Programme "Environment – New Technologies» University of Ioannina – Thessaloniki's ATEI
2010	:	[10]. Stella Zografou , "Ecotoxicological Tests and Biochemical Mechanisms of toxicity of pesticides ", master's thesis completed in December 2010--Interdepartmental Postgraduate Programme" Environment – New Technologies» University of Ioannina – Thessaloniki's ATEI

B3.2. Member of Advisory Committee for PhD Theses

		A. Department of Chemistry, Aristotle University of Thessaloniki
2010	:	[1]. Athanasios Betsis , (in progress)

B3.3. Member of Evaluation Committee for Doctoral Theses (9)

		A. Department of Chemistry, Aristotle University of Thessaloniki
2009	:	[2]. Erasmia Mpizani , completed her PhD Thesis in June, 2009
2009	:	[3]. Lucia Chryssikou , completed her PhD Thesis in July, 2009
2011	:	[4]. Panagiota-Catherine Palantza , completed her PhD Thesis in December 2011.
2012	:	[5]. Theodore Grigoratos , completed his PhD Thesis in March 2012.
		B. Departments of National Universities
2009	:	[6]. Konstantina Karametsi , Department of chemistry, University of Ioannina, completed her PhD Thesis in June, 2009
2009	:	[7]. Vassilios Papadopoulos , Interdepartmental post-graduate studies-quality of agricultural products Certification» Department of business administration of Food and Agricultural Proiontwn, Department of environment and natural

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		resources Management, University of Ioannina, completed his PhD Thesis in June, 2009
2011	:	[8]. Miltos Tzoybalekas , Department of chemistry, University of Ioannina, completed his PhD Thesis in June, 2011
2012	:	[9]. Anastasia karakitsou , Department of business administration of Food and Agricultural Proiontwn, University of Ioannina, completed her PhD Thesis in September, 2012
C. Departments of Foreign Universities		
2011	:	[10]. M^a Jesus Martinez Bueno , Departamento de Hidrogeología y Química Analítica UNIVERSIDAD DE ALMERIA, completed her PhD Thesis in May, 2011.

B3.4. Member of Evaluation Committee for Master Theses (11)

A. Department of Chemistry, Aristotle University of Thessaloniki		
2009	:	[1]. Ina Bulskaya , completed the MSC in in February 2009.
2010	:	[2]. Christina Gkorgkolia , completed the MSC in January 2010.
2011	:	[3]. Thanasis Touplikiotis , master's thesis completed in December 2011.
2012	:	[4]. Nikolina Papazachou , completed the MSC in May 2012.
B. Departments of National Universities		
	:	B1. Interdepartmental post-graduate program of studies in «Environment – New Technologies» University of Ioannina – Thessaloniki's ATEI
2009	:	[5]. Evanthia Giaglogloy , completed the MSC in December 2009.
2009	:	[6]. Paul Tamvakis , completed an MSC in December 2009.
2010	:	[7]. Athena Kormali , completed the MSC in January 2010.
2010	:	[8]. Constantina Christodoulou , completed an MSC in January 2010.
2010	:	[9]. Afroditi Michaelidou , completed the post graduate diploma in February 2010.
2010	:	[10]. Christina-Christala Chatzifilippoy , master's thesis completed in February 2010.
2010	:	[11]. Despina Chatzopoulou , completed an MSC in March 2010.

B3.5. Supervision of theses in Undergraduate Students of the Department of Chemistry, Aristotle University of Thessaloniki

All the following undergraduate students and graduate students of the Department of chemistry, Aristotle University of Thessaloniki have begun their thesis work under my supervision, Environmental Technology & Chemistry, but haven't yet completed.

A. Department of Chemistry, Aristotle University of Thessaloniki		
2011 (in progress)	:	[1]. Vasiliki Saliberou . She has completed the experiments of thesis and is in the process of writing.
2011 (in progress)	:	[2]. Dimitra Paraskevopoulou . She has launched the thesis completing the literature review. Is in the process of starting experiments of thesis.

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2011 (in progress)	:	[3]. Paraskevi Penoglou . She has completed the bibliography as well as part of experiments of thesis.
2012 (in progress)	:	[4]. Dionysis Spanos . He has launched the thesis with the examination of the literature. Expected to start experiments in December 2012.
2012 (in progress)	:	[5]. Konstantinos Gkoyntis . He has launched the thesis with the examination of the literature. Expected to start experiments in December 2012.
2012 (in progress)	:	[6]. Stathis Tsitiridis . He has launched the thesis with the examination of the literature. Expected to start experiments in December 2012.

B3.6. Participation as Educator - Instructor in Seminars-Trainings (after invitation)

28/03/2011 - 01/04/2011	-	:	[1]. Trainer at the Educational seminar " MANAGEMENT of INDUSTRIAL WASTES ", -waste management plans/European Waste Catalogue-Organized by the EKDDA, Thessaloniki.
04/04/2011 - 10/04/2011	-	:	[2]. Expert in Cypriot General Laboratory for the development of chromatographic methods (GC-MS & LC-MS/MS).
26/11/2011 - 27/11/2011	-	:	[3]. Trainer at the Educational seminar " LABORATORY ACCREDITATION ACCORDING to ISO 17025 ", - Test methods-Performance Characteristics /Validation-Verification of methods " -held by the Regional Department of Central and Western Macedonia, Association of Greek chemists, Thessaloniki.
01/10/2012 - 05/10/2012	-	:	[4]. Trainer at the Educational seminar " TRAINING FOR THE APPLICATION OF ISO17025 2005 ", -Internal and External Quality Control-Measurement Traceability and Uncertainty Estimation/Performing Internal Audits of Quality Systems ISO 17025-Organized by the EKDDA, Thessaloniki.

C1. PARTICIPATION IN FUNDED NATIONAL & EUROPEAN RESEARCH PROJECTS (PARTICIPATION AS COORDINATOR/PARTICIPANT (PI/CO-INVESTIGATOR))

C1.1. Participation in Funded National and European Research Projects as Participant

C1.1.1. National Projects

- [1] “Study of implementation of work of development and exploitation of aquatic potential of Epirus region, 1998-1999. (Project Coordinator: T.A. Albanis), (Total budget: 30,000 euros).
- [2] «Assessment of the parameters influence the reforming of Lake Pamvotis », Municipality of Ioannina, 1998-1999. (Total budget: 2.934.702,86 euros).
- [3] «Monitoring of the parameters influenced the quality of flow of sewages of Pindos installations », A.P.S.J. " PINDOS ", 1998. (Total budget: 1,000 euros).
- [4] PSE «Applied Agroecology Course», Ministry of Education, Athens 1998. (Total budget: 1755,0 euros).
- [5] Development and application of methodology for the monitoring of water quality of groundwaters, ELKE, 1999. (Total budget: 100,000 euros).
- [6] PSE «Applied Agroecology Course», Ministry of Education, Athens. (01/10/2000-31/08/2005). (Project Coordinator: T.A. Albanis), (Total budget: 1755,0 euros).
- [7] “Development and application of integrated methodologies for monitoring of organic toxic compounds in surface waters”, Programme DAC-OECD, ΥΠΕΧΩΔΕ (01/03/2000 - 31/08/2001). (Project Coordinator: T.A. Albanis), (Total budget: 88,041 euros).
- [8] “Development of decontamination treatment by using metal polyoxides and semiconductors for the degradation of pesticides”. EE738, EKEFE, Democritos, (01/01/2000-31/12/2001). (Project Coordinator: A. Hiskia), (Total budget: 80,000 euros).
- [9] “Determination of biocide residues in Aliakmonas River for the refinement of the water in the city of Thessaloniki”. 2001-2002. Υ.Θ.Ε.Α. - by the Ministry of Environment. (19/03/2001-30/06/2003). (Project Coordinator: T.A. Albanis), (Total budget: 11.863,00 euros).
- [10] “Analytical determinations of biocides in water plant for production of drinking water in city of Thessaloniki”. (01/03/2003- 28/02/2006), ΕΥΑΘ & ΔΙΘΕΣ, (Project Coordinator: T.A. Albanis), (Total budget: 10,900 euros).
- [11] “Development of techniques for the integrated monitoring study of the water quality; applications and measurements” (01/03/2001 - 28/02/2006). (Project Coordinator: T.A. Albanis), (Total budget: 23,478 euros).
- [12] “Determination and assessment of metals and toxic organic compounds in avian wildlife of Greece” by the Ministry of Environment, Contract 135260/5417, Programme ETERPS- by the Ministry of Environment, (20/02/2003 - 30/04/2004), (Project Coordinator: T.A. Albanis), (Total budget: 7,707 euros).
- [13] “Development analytical techniques for integrated monitoring and Advanced oxidation processes for removal of Endocrine Disrupting Compounds from natural waters and wastewaters”. PENED, 2003, GSRT, (01/01/2004-31/12/2007). (Project Coordinator: T.A. Albanis), (Total budget: 162,000 euros).
- [14] “Development of methodology for an integrated monitoring and decontamination treatment of organic toxic compounds, additives of agrochemical and pharmaceutical compounds in surface waters and raw sewages”. Ministry of Education, ΕΠΕΑΕΚ, Program “PYTHAGORAS” ΕΠΕΑΚ ΙΙ” «Support of research groups in Universities in environmental and ecological fields», 2004-2006. (01/01/2004-31/12/2006). (Project Coordinator: T.A. Albanis), (Total budget: 85,000 euros).

- [15] “Determination of transboundary pollution of Axios River – Direct and indirect impacts in human health and environment”. GSRT, (ARXIMHDHS II), (01/01/2005-31/12/2007). (Project Coordinator: F. Vosniakos). (Total budget: 45,000 euros).
- [16] “Study of adsorption and transport of toxic compounds in particulate matter in urban and non-urban areas closed to lignite mines and power plants”. GSRT, (ARXIMHDHS II) (01/01/2005-31/12/2007). (Project Coordinator: A. Asvesta), (Total budget: 76,000 euros).
- [17] “Analytical determination and transport of new pesticides and nutrients from agricultural areas to Amvrakikos Golf”. GSRT, (ARXIMHDHS II) (21/06/2005-31/12/2006). (Project Coordinator: G. Karras), (Total budget: 45,000 euros).
- [18] “Development and application of analytical methodologies and remediation techniques for surface and underground waters in aquatic basins of transboundary areas of Greece and Albania”. (01/01/2005-31/12/2007). GSRT, (Project Coordinator: T.A. Albanis), (Total budget: 11,740 euros).
- [19] “Study of passive samplers to evaluate marine environment and aquaculture environment”. GSRT, (01/01/2005-31/12/2007) (Project Coordinator: T.A. Albanis), (Total budget: 11,740 euros).
- [20] “Concentration levels of pollutants in coastal areas of Pieria” (01/01/2006-31/12/2007). (Project Coordinator: F. Vosniakos). (Total budget: 40,000 euros).
- [21] Management of Tagarades landfill area. Impacts from ignition of hydrocarbons. Monitoring of dioxins and PCBs in agricultural products. (01-01/2007-31/12/2008). (Project Coordinator: F. Vosniakos). (Total budget: 45,000 euros).
- [22] Development of Advanced Oxidation Processes (AOPs) with the use of nanomaterials and sunlight, for the removal of various organic toxic micropollutants, endocrine disrupters and cyanotoxins from natural waters and sewages. GSRT, THALEs “EDUCATION AND LIFELONG LEARNING” (01-03/2012-28/02/2015). (Project Coordinator: T.A. Albanis), (Total budget: 521,740 euros).

C1.1.2. European Projects

- [23] “Assessment of antifouling agents in coastal environments (ACE)”, European Commission, Program MAST-III PL971620, (22/12/1998-31/01/2002). (Project Leader: T.A. Albanis), (Total budget: 90,000 euros).
- [24] “Thyamis-Actions for the implementation of the integrated management of two catchments.- Kalamas River (Greece)-Lyncher River (GB)”. LIFE 99/ENV/GR/000557 project. (1/11/1999 - 30/4/2002). (Project Leader: V. Kalfakakou), (Total budget: 796,774 euros).
- [25] “Management and sustainable development of protected Transitional waters”, INTERREG III-B CADSES, European Union, (01/01/2004 - 31/12/2006). (Project Leader: T.A. Albanis), (Total budget: 60,000 euros).
- [26] “Concrete Conservation Actions for the Mediterranean Shag and Audouin’s Gull in Greece including the Inventory of Relevant Marine IBAs”. LIFE07NAT/GR/000285, (2009-2012) (Project TEI Coordinator: G. Karris), (total budget: 2,357,922 euros).

C1.2. Funded National Research Projects (Participation as Coordinator)

- [27] Analysis of aqueous samples for the determination of pesticide residues in river network of Messenia area. Hellenic Centre for Marine Research –(H.C.M.R), (05/04/2011 – 05/11/2013), (Project Coordinator: D. Lambropoulou), (total budget: 12,000 euros).
- [28] Application of heterogeneous photocatalysis for treatment of pharmaceuticals in aqueous solutions, Aristotle University of Thessaloniki (01/01/2012 – 31/12/2012), (Project Coordinator: D. Lambropoulou), (total budget: 4,000 euros).
- [29] "Solar Photocatalytic Treatment of Antidepressant and Antihistaminic Pharmaceuticals in Aqueous Matrices at Pilot-Scale", Solar Facilities for the European Research Area (SFERA) Project. Project Coordinator: D. Lambropoulou), (15/10/2012-24/11/2012).
- [30] Development of Advanced Oxidation Processes (AOPs) with the use of nanomaterials and sunlight, for the removal of various organic toxic micropollutants, endocrine disrupters and cyanotoxins from

natural waters and sewages. GSRT, THALEs “EDUCATION AND LIFELONG LEARNING” (01-03/2012-28/02/2015). (Co-Investigator), (Total budget: 521,740 euros).

- [31] Integrated treatment of high molasses wastewater for recovery of high added value products and reduction of pollutant loading, COOPERATION 2011. (01/06/2013-31/12/2015) (Co-Investigator)
- [32] Assessment and classification of the chemical contamination of surface waters (Inland waters, transitional waters and coastal waters), of Greta inland under the Water Framework Directive (2000/60/EC), (02/05/2014/ 31/10/2014), (Principal Investigator).
- [33] Advanced Microextraction Approaches Based on Novel Nano- Polymers To Measure Pharmaceuticals, Personal Care Products and their Transformation Products in the Aquatic Environment» (ΕΠ: 03. Chemistry and Material Sciences), ARISTEIA II, GSRT, No 4199 (01/02/2014-31/07/2015). (Principal Investigator).
- [34] Study of purity and transformation products of pharmaceuticals, Pharmaten S.A (01/09/2015-31/08/2018), (Principal Investigator).
- [35] A novel method for detoxification and reuse of wastewater containing pesticides by solar photocatalysis and constructed wetlands, ARISTEIA I, GSRT, (01/07/2012-31/07/2015), (Co-Investigator)
- [36] Determination of pharmaceutical compounds and personal care products (PPCPs) in its two wastewater treatment plants; Eyath S.A. (ελθ AND el AENEIA) Eyath (Project leader: D. Lampropoulou, Project Duration: Start: 10/05/2018 Expires: 09/05/2019)
- [37] Accreditation of laboratories according the ΕΛΟΤ EN ISO 15189:2012, EKETA (Project leader: D. Lampropoulou, Project Duration: Start: 01/06/2018 Expires: 31/07/2018)
- [38] Consulting services in the field of chemical testing for pesticide residues, pharmaceuticals and other compounds in various substrates (food-agricultural products, environmental samples, etc.). (Project leader: D. Lampropoulou, Project Duration: Start: 01/10/2018 Expires: 31/03/2019)
- [39] «Antineoplastics and Antibiotics in Aquatic Environment: Photocatalytic Degradation, Persistence, Identification of Transformation Products, Toxicity Study, Antibiotic Resistance», ΕΑΒΜ-34 (01 Mathematics and Natural Science), GSRT (Principal Investigator), (total budget: 50,000 euros) (27/12.2017-).
- [40] Sustainable management of cross-border water resources, AQUA-M II, INTERREG CBC-Greece - Former Yugoslav Republic of Macedonia (Leader AUTH), (total budget: 531.066,52 euros).
- [41] Development of Monitoring and Removal strategies of Emerging Micropollutants in wastewater, Cooperation Greece – China, Financed by EU, Project leader (total budget: 388,000 euros). (2019-2021)

C1.3. Lifelong Learning Courses in Aristotle University of Thessaloniki (Participation as Coordinator)

- [1]. Lifelong Learning Course on Lean Six Sigma- Yellow Belt (Level I) (09/01/2014 – up to date)
- [2]. Lifelong Learning Course on Lean Six Sigma- Green Belt (Level II) (23/06/2015 – up to date)
- [3]. Lifelong Learning Course on ACCREDITATION LABORATORIES ACCORDING to the STANDARD EN ISO/IEC 17025: 2005: validation/verification, uncertainty, Calibration, internal quality control, inspections (22/01/2014– up to date)
- [4]. Lifelong Learning Course on ISO 22000:2005 – FOOD SAFETY MANAGEMENT SYSTEM – AUDITOR/LEAD AUDITOR TRAINING (23/06/2015 – up to date)
- [5]. Lifelong Learning Course on FSSC 22000 – Food Safety System Certification AUDITOR/LEAD AUDITOR TRAINING (23/06/2015 – up to date)
- [6]. Lifelong Learning Course on ISO 14001:2015 – ENVIRONMENTAL MANAGEMENT SYSTEMS, AUDITOR/LEAD AUDITOR TRAINING (23/06/2015 – up to date)

C2. COLLABORATION WITH NATIONAL HIGHER EDUCATION AND RESEARCH INSTITUTIONS

- Laboratory of Analytical Chemistry, Department of chemistry, University of Ioannina (T. Albanis)
- Department of Environment and Natural Resources Management, University of Ioannina (I. Konstantinou)
- Department of Farm Organization and Management, University of Ioannina (D. Hela)
- Environmental Management Engineering Laboratory, Department of environmental engineering, Technical University of Crete (E. Diamantopoulos)
- Chemical process Engineering Laboratory, Department of environmental engineering, Technical University of Crete (D. Mantzavinos)
- Technological Institute of Ionian Islands, (E. Skotti)
- Hellenic Centre for marine research (HCMR)(N. Skoulikidis, K. Gritzalis, Y. Karaouzas)
- Department of Graphic Arts, Technological Educational Institute of Athens (B. Belessi)

C3. COLLABORATION WITH FOREIGN HIGHER EDUCATION AND RESEARCH INSTITUTIONS

- Departamento de Hidrogeología y Química Analítica UNIVERSIDAD DE ALMERIA, Spain, European Union Reference Laboratory for Pesticide Residues in Fruit & Vegetables (Amadeo Fernandez Alba, Anna Aguera)
- Plataforma Solar de Almería, Spain, (Sixto Malato)
- Faculty for Sustainability, Leuphana University Lüneburg (Klaus Kümmerer)
- Department of Civil and Environmental Engineering - NIREAS-International Water Research Center, School of Engineering, University of Cyprus (Despo Fatta-Kassinou)
- State General Laboratory of Cyprus (Maro Christodoulidou)
- Regional Centre of Advanced Technologies and Materials and Department of Physical Chemistry Faculty of Science, Palacky University, Czech Republic (Libor Kvítek)

C4.A INVITED TALKS TO INTERNATIONALLY ESTABLISHED CONFERENCES

- [1] **D.A Lambropoulou** and T.A. Albanis. “*Optimization of headspace solid phase microextraction method for the determination of organophosphorus insecticides in natural waters*”. Environmental Pollution and its Impact on Life in the Mediterranean Region, Limassol, Cyprus, 6-10 October 2001.
- [2] T.A. Albanis, **D.A. Lambropoulou** and V.A. Sakkas. “*Determination of Antifouling Compounds in Natural Waters Using Solid Phase Microextraction (SPME) and Gas Chromatography Coupled With ECD, FTD and MS Detection*”. ISEAC 32, Plymouth, UK, 17-21 June 2002
- [3] **Dimitra A. Lambropoulou** and Triantafyllos A. Albanis, “*Gas Chromatographic-Mass Spectrometric Analysis of Organophosphorus (OPs) Insecticides in Water Samples Using Headspace Solid Phase Microextraction Approach*” 8th FECS Conference on “Chemistry for a Sustaining World”, Athens, Greece, 31 August-4 September 2002.

C4.B INVITED TALKS IN OTHER UNIVERSITIES

- [1] **Dimitra A. Lambropoulou**. “*Identification of the Intermediate Products of Bezafibrate by LC/TOF-MS System and toxicity evaluation after Photocatalytic Treatment with TiO₂ in Aqueous Suspensions*”. Department of Hydrogeology and Analytical Chemistry, University of Almería, 29 July 2005.
- [2] **Dimitra Lambropoulou** and Klaus Kümmerer. “*Biodegradation and Photocatalytic Degradation of β -Blockers*”. (Institute of Environ. Medicine & Hospital Epidemiology, University of Freiburg , Germany, 1 March 2008.
- [3] **Dimitra Lambropoulou**. “*New trends in sampling and sample preparation for analysis of organic pollutants in environmental matrices: Identification and elucidation of transformation products by chromatographic mass spectrometry-based techniques.*” Nicosia, 4 November, 2010.

C5. PUBLICATIONS

C5.1. THESIS

“Development of Solid phase Microextraction methods for the determination of different groups of pesticides in environmental and food samples”.

Dep. of Chemistry, University of Ioannina, 2002

C5.2. AWARDS

- [1] **D.A. Lambropoulou** and T.A. Albanis. Determination of herbicides in natural waters by solid phase microextraction (SPME), 4th Conference on Chemistry in Greece, University of Ioannina, 16-18 May 2001 (**Best Conference Poster award**).
- [2] ECO-IMAGINE Conference ECO-IMAGINE Training Course “Coastal Governance, Planning and Design and GI”, Genova (I) on 16th – 20th November 2004, Supported by the European Commission, **Marie Curie Conferences and Training Courses**, Contract n°: MSCF-CT-2003-504444
- [3] ECO-IMAGINE Conference ECO-IMAGINE Training Course “The Waterfront Management and GI”, Lisbon (P) on 1st – 7th June 2005, Supported by the European Commission, **Marie Curie Conferences and Training Courses**, Contract n°: MSCF-CT-2003-504444
- [4] **Short-term Scientific Mission (COST –STSM-841-1136; STSM Topic: Fate and risks of pharmaceuticals in the environment)** (Host: Klaus Kümmerer, Professor of Environmental Chemistry and Environmental Hygiene at the University of Freiburg, Germany).
- [5] **A. Lambropoulou** and T.A. Albanis, Liquid phase microextraction techniques in pesticide residue analysis. ” (**invited review**), Journal of Biochemical and Biophysical Methods, 70 (2007) 195–228 (**Top 10 Cited articles published in the last five years**).
- [6] **D.A. Lambropoulou**, I.K. Konstantinou and T.A. Albanis. Recent developments in headspace microextraction techniques for the analysis of environmental contaminants in different matrices, 'Journal Chromatography A. (**Invited Review**), 1152 (2007) 70–96 (**Top Cited Article during the period 2007-2009, by Elsevier**).
- [7] **“SFERA user of the DETOX facilities at CIEMAT-PSA”** within the framework of the EU-DG-RDTs) Solar facilities for the European Research Area (SFERA) Project. Contract 228296

- (1) Nannou C, Ofrydopoulou A, Evgenidou E, Heath D, Heath E, Lambropoulou D. Antiviral drugs in aquatic environment and wastewater treatment plants: A review on occurrence, fate, removal and ecotoxicity. *Sci Total Environ* 2020;699.
- (2) Papaioannou D, Koukoulakis PH, Papageorgiou M, Lambropoulou DA, Kalavrouziotis IK. Investigation of pharmaceutical and personal care product interactions of soil and beets (*Beta vulgaris* L.) under the effect of wastewater reuse. *Chemosphere* 2020;238.
- (3) Touni A, Papaderakis A, Karfaridis D, Banti A, Mintsouli I, Lambropoulou D, et al. Oxygen evolution at IrO₂-modified Ti anodes prepared by a simple galvanic deposition method. *J Electroanal Chem* 2019;855.
- (4) Papageorgiou M, Zioris I, Danis T, Bikiaris D, Lambropoulou D. Comprehensive investigation of a wide range of pharmaceuticals and personal care products in urban and hospital wastewaters in Greece. *Sci Total Environ* 2019;694.
- (5) Kovačič A, Česen M, Laimou-Geraniou M, Lambropoulou D, Kosjek T, Heath D, et al. Stability, biological treatment and UV photolysis of 18 bisphenols under laboratory conditions. *Environ Res* 2019;179.
- (6) Koltsakidou A, Katsiloulis C, Evgenidou E, Lambropoulou DA. Photolysis and photocatalysis of the non-steroidal anti-inflammatory drug Nimesulide under simulated solar irradiation: Kinetic studies, transformation products and toxicity assessment. *Sci Total Environ* 2019;689:245-257.
- (7) Malesic-Eleftheriadou N, Evgenidou EN, Kyzas GZ, Bikiaris DN, Lambropoulou DA. Removal of antibiotics in aqueous media by using new synthesized bio-based poly(ethylene terephthalate)-TiO₂ photocatalysts. *Chemosphere* 2019;234:746-755.
- (8) Nannou C, Ofrydopoulou A, Evgenidou E, Heath D, Heath E, Lambropoulou D. Analytical strategies for the determination of antiviral drugs in the aquatic environment. *Trends Environ Anal Chem* 2019;24.
- (9) Cheng S, Zhang X, Song W, Pan Y, Lambropoulou D, Zhong Y, et al. Photochemical oxidation of PPCPs using a combination of solar irradiation and free available chlorine. *Sci Total Environ* 2019;682:629-638.
- (10) Berberidou C, Kitsiou V, Lambropoulou DA, Michailidou D, Kouras A, Poulis I. Decomposition and detoxification of the insecticide thiacloprid by TiO₂-mediated photocatalysis: kinetics, intermediate products and transformation pathways. *J Chem Technol Biotechnol* 2019;94(8):2475-2486.
- (11) Papaioannou D, Koukoulakis PH, Lambropoulou D, Papageorgiou M, Kalavrouziotis IK. The dynamics of the pharmaceutical and personal care product interactive capacity under the effect of artificial enrichment of soil with heavy metals and of wastewater reuse. *Sci Total Environ* 2019;662:537-546.
- (12) Koltsakidou A, Antonopoulou M, Evgenidou E, Konstantinou I, Lambropoulou D. A comparative study on the photo-catalytic degradation of Cytarabine anticancer drug under Fe³⁺/H₂O₂, Fe³⁺/S₂O₈²⁻, and [Fe(C₂O₄)₃]³⁻/H₂O₂ processes. Kinetics, identification, and in silico toxicity assessment of generated transformation products. *Environ Sci Pollut Res* 2019;26(8):7772-7784.
- (13) Tzereme A, Christodoulou E, Kyzas GZ, Kostoglou M, Bikiaris DN, Lambropoulou DA. Chitosan grafted adsorbents for diclofenac pharmaceutical compound removal from single-component aqueous solutions and mixtures. *Polym* 2019;11(3).

- (14) Koltsakidou A, Terzopoulou Z, Kyzas GZ, Bikiaris DN, Lambropoulou DA. Biobased Poly(ethylene furanoate) Polyester/TiO₂ Supported Nanocomposites as Effective Photocatalysts for Anti-inflammatory/Analgesic Drugs. *Molecules* 2019;24(3).
- (15) Vlastos D, Antonopoulou M, Lavranou A, Efthimiou I, Dailianis S, Hela D, et al. Assessment of the toxic potential of rainwater precipitation: First evidence from a case study in three Greek cities. *Sci Total Environ* 2019;648:1323-1332.
- (16) Bargańska Ż, Lambropoulou D, Namieśnik J. Problems and Challenges to Determine Pesticide Residues in Bumblebees. *Crit Rev Anal Chem* 2018;48(6):447-458.
- (17) Papageorgiou M, Lambropoulou D, Morrison C, Namieśnik J, Płotka-Wasyłka J. Direct solid phase microextraction combined with gas chromatography – Mass spectrometry for the determination of biogenic amines in wine. *Talanta* 2018;183:276-282.
- (18) Kitsiou V, Zachariadis GA, Lambropoulou DA, Tsiplakides D, Poullos I. Mineralization of the antineoplastic drug carboplatin by heterogeneous photocatalysis with simultaneous synthesis of platinum-modified TiO₂ catalysts. *J Environ Chem Eng* 2018;6(2):2409-2416.
- (19) Lambropoulou D, Hela D, Koltsakidou A, Konstantinou I. Overview of the pesticide residues in Greek rivers: Occurrence and environmental risk assessment. *Handb Environ Chem* 2018;59:205-240.
- (20) Papageorgiou M, Lambropoulou D, Morrison C, Kłodzińska E, Namieśnik J, Płotka-Wasyłka J. Literature update of analytical methods for biogenic amines determination in food and beverages. *TrAC Trends Anal Chem* 2018;98:128-142.
- (21) Piña B, Bayona JM, Christou A, Fatta-Kassinos D, Guillon E, Lambropoulou D, et al. On the contribution of reclaimed wastewater irrigation to the potential exposure of humans to antibiotics, antibiotic resistant bacteria and antibiotic resistance genes - NEREUS COST Action ES1403 position paper. *J Environ Chem Eng* 2018.
- (22) Terzopoulou Z, Karakatsianopoulou E, Kasmi N, Tsanaktsis V, Nikolaidis N, Kostoglou M, et al. Effect of catalyst type on molecular weight increase and coloration of poly(ethylene furanoate) biobased polyester during melt polycondensation. *Polym Chem* 2017;8(44):6895-6908.
- (23) Papageorgiou M, Nanaki SG, Kyzas GZ, Koulouktsi C, Bikiaris DN, Lambropoulou DA. Novel isocyanate-modified carrageenan polymer materials: Preparation, characterization and application adsorbent materials of pharmaceuticals. *Polym* 2017;9(11).
- (24) Kosma CI, Lambropoulou DA, Albanis TA. Photochemical transformation and wastewater fate and occurrence of omeprazole: HRMS for elucidation of transformation products and target and suspect screening analysis in wastewaters. *Sci Total Environ* 2017;590-591:592-601.
- (25) Berberidou C, Kitsiou V, Lambropoulou DA, Antoniadis A, Ntonou E, Zalidis GC, et al. Evaluation of an alternative method for wastewater treatment containing pesticides using solar photocatalytic oxidation and constructed wetlands. *J Environ Manage* 2017;195:133-139.
- (26) Michael C, Bayona JM, Lambropoulou D, Agüera A, Fatta-Kassinos D. Two important limitations relating to the spiking of environmental samples with contaminants of emerging concern: How close to the real analyte concentrations are the reported recovered values? *Environ Sci Pollut Res* 2017;24(17):15202-15205.
- (27) Kyzas GZ, Bikiaris DN, Lambropoulou DA. Effect of humic acid on pharmaceuticals adsorption using sulfonic acid grafted chitosan. *J Mol Liq* 2017;230:1-5.
- (28) Lambropoulou D, Evgenidou E, Saliverou V, Kosma C, Konstantinou I. Degradation of venlafaxine using TiO₂/UV process: Kinetic studies, RSM optimization, identification of transformation products and toxicity evaluation. *J Hazard Mater* 2017;323:513-526.

- (29) Koltsakidou A, Antonopoulou M, Sykiotou M, Evgenidou E, Konstantinou I, Lambropoulou DA. Photo-Fenton and Fenton-like processes for the treatment of the antineoplastic drug 5-fluorouracil under simulated solar radiation. *Environ Sci Pollut Res* 2017;24(5):4791-4800.
- (30) Koltsakidou A, Antonopoulou M, Evgenidou E, Konstantinou I, Giannakas AE, Papadaki M, et al. Photocatalytic removal of fluorouracil using TiO₂-P25 and N/S doped TiO₂ catalysts: A kinetic and mechanistic study. *Sci Total Environ* 2017;578:257-267.
- (31) Nollet LML, Lambropoulou DA. Chromatographic analysis of the environment: Mass spectrometry based approaches, fourth edition. *Chromatographic Analysis of the Environment: Mass Spectrometry Based Approaches, Fourth Edition*; 2017. p. 1-631.
- (32) Nollet LML, Lambropoulou DA. Preface. *Chromatographic Analysis of the Environment: Mass Spectrometry Based Approaches, Fourth Edition*; 2017. p. xi-xii.
- (33) Nollet LML, Lambropoulou DA. Outlook. *Chromatographic Analysis of the Environment: Mass Spectrometry Based Approaches, Fourth Edition*; 2017. p. 605-608.
- (34) Papageorgiou M, Evgenidou E, Lambropoulou DA. Occurrence of transformation products of pharmaceutical and personal care products in the aquatic environment. *Chromatographic Analysis of the Environment: Mass Spectrometry Based Approaches, Fourth Edition*; 2017. p. 555-604.
- (35) Kyzas GZ, Bikiaris D, Lambropoulou DA. Advances in sample preparation for molecular imprinting in environmental applications. *Chromatographic Analysis of the Environment: Mass Spectrometry Based Approaches, Fourth Edition*; 2017. p. 221-236.
- (36) Tsoumachidou S, Lambropoulou D, Poullos I. Homogeneous photocatalytic oxidation of UV filter para-aminobenzoic acid in aqueous solutions. *Environ Sci Pollut Res* 2017;24(2):1113-1121.
- (37) Koltsakidou A, Antonopoulou M, Evgenidou E, Konstantinou I, Lambropoulou DA. Cytarabine degradation by simulated solar assisted photocatalysis using TiO₂. *Chem Eng J* 2017;316:823-831.
- (38) Berberidou C, Kitsiou V, Kazala E, Lambropoulou DA, Kouras A, Kosma CI, et al. Study of the decomposition and detoxification of the herbicide bentazon by heterogeneous photocatalysis: Kinetics, intermediates and transformation pathways. *Appl Catal B Environ* 2017;200:150-163.
- (39) Christou A, Agüera A, Bayona JM, Cytryn E, Fotopoulos V, Lambropoulou D, et al. The potential implications of reclaimed wastewater reuse for irrigation on the agricultural environment: The knowns and unknowns of the fate of antibiotics and antibiotic resistant bacteria and resistance genes – A review. *Water Res* 2017;123:448-467.
- (40) Česen M, Lambropoulou D, Laimou-Geraniou M, Kosjek T, Blaznik U, Heath D, et al. Determination of Bisphenols and Related Compounds in Honey and Their Migration from Selected Food Contact Materials. *J Agric Food Chem* 2016;64(46):8866-8875.
- (41) Kosma CI, Lambropoulou DA, Albanis TA. Analysis, occurrence, fate and risks of proton pump inhibitors, their metabolites and transformation products in aquatic environment: A review. *Sci Total Environ* 2016;569-570:732-750.
- (42) Berberidou C, Kitsiou V, Karahanidou S, Lambropoulou DA, Kouras A, Kosma CI, et al. Photocatalytic degradation of the herbicide clopyralid: kinetics, degradation pathways and ecotoxicity evaluation. *J Chem Technol Biotechnol* 2016;91(9):2510-2518.
- (43) Terzopoulou Z, Papageorgiou M, Kyzas GZ, Bikiaris DN, Lambropoulou DA. Preparation of molecularly imprinted solid-phase microextraction fiber for the selective removal and extraction of the antiviral drug abacavir in environmental and biological matrices. *Anal Chim Acta* 2016;913:63-75.

- (44) Papageorgiou M, Kosma C, Lambropoulou D. Seasonal occurrence, removal, mass loading and environmental risk assessment of 55 pharmaceuticals and personal care products in a municipal wastewater treatment plant in Central Greece. *Sci Total Environ* 2016;543:547-569.
- (45) Agüera A, Lambropoulou D. New challenges for the analytical evaluation of reclaimed water and reuse applications. *Handb Environ Chem* 2016;44:7-47.
- (46) Plakas KV, Sarasidis VC, Patsios SI, Lambropoulou DA, Karabelas AJ. Novel pilot scale continuous photocatalytic membrane reactor for removal of organic micropollutants from water. *Chem Eng J* 2016;304:335-343.
- (47) Kyzas GZ, Koltsakidou A, Nanaki SG, Bikiaris DN, Lambropoulou DA. Removal of beta-blockers from aqueous media by adsorption onto graphene oxide. *Sci Total Environ* 2015;537:411-420.
- (48) Chládková B, Evgenidou E, Kvítek L, Panáček A, Zbořil R, Kovář P, et al. Adsorption and photocatalysis of nanocrystalline TiO₂ particles for Reactive Red 195 removal: effect of humic acids, anions and scavengers. *Environ Sci Pollut Res* 2015;22(21):16514-16524.
- (49) Kosma CI, Lambropoulou DA, Albanis TA. Comprehensive study of the antidiabetic drug metformin and its transformation product guanylurea in Greek wastewaters. *Water Res* 2015;70:436-448.
- (50) Nanaki SG, Kyzas GZ, Tzereme A, Papageorgiou M, Kostoglou M, Bikiaris DN, et al. Synthesis and characterization of modified carrageenan microparticles for the removal of pharmaceuticals from aqueous solutions. *Colloids Surf B Biointerfaces* 2015;127:256-265.
- (51) Evgenidou EN, Konstantinou IK, Lambropoulou DA. Occurrence and removal of transformation products of PPCPs and illicit drugs in wastewaters: A review. *Sci Total Environ* 2015;505:905-926.
- (52) Kyzas GZ, Nanaki SG, Koltsakidou A, Papageorgiou M, Kechagia M, Bikiaris DN, et al. Effectively designed molecularly imprinted polymers for selective isolation of the antidiabetic drug metformin and its transformation product guanylurea from aqueous media. *Anal Chim Acta* 2015;866(1):27-40.
- (53) Antonopoulou M, Evgenidou E, Lambropoulou D, Konstantinou I. A review on advanced oxidation processes for the removal of taste and odor compounds from aqueous media. *Water Res* 2014;53:215-234.
- (54) Michael I, Achilleos A, Lambropoulou D, Torrens VO, Pérez S, Petrović M, et al. Proposed transformation pathway and evolution profile of diclofenac and ibuprofen transformation products during (sono)photocatalysis. *Appl Catal B Environ* 2014;147:1015-1027.
- (55) Kyzas GZ, Sifaka PI, Lambropoulou DA, Lazaridis NK, Bikiaris DN. Poly(itaconic acid)-grafted chitosan adsorbents with different cross-linking for Pb(II) and Cd(II) uptake. *Langmuir* 2014;30(1):120-131.
- (56) Lambropoulou DA, Nollet LML. Preface. *Transform Prod of Emerg Contam in the Environ : Anal , Process , Occur , Eff and Risks* 2014:xxi-xxii.
- (57) Lambropoulou DA, Nollet LML. Outlook. *Transformation Products of Emerging Contaminants in the Environment: Analysis, Processes, Occurrence, Effects and Risks*; 2014. p. 917-924.
- (58) Lambropoulou DA, Evgenidou E. Transformation Products of Illicit Drugs. *Transformation Products of Emerging Contaminants in the Environment: Analysis, Processes, Occurrence, Effects and Risks*; 2014. p. 493-524.
- (59) Lambropoulou DA, Nollet LML. Transformation Products of Emerging Contaminants in the Environment: Analysis, Processes, Occurrence, Effects and Risks. *Transformation Products of Emerging Contaminants in the Environment: Analysis, Processes, Occurrence, Effects and Risks*; 2014. p. 1-935.

- (60) Konstantinou IK, Antonopoulou M, Lambropoulou DA. Transformation Products of Emerging Contaminants Formed during Advanced Oxidation Processes. Transformation Products of Emerging Contaminants in the Environment: Analysis, Processes, Occurrence, Effects and Risks; 2014. p. 179-228.
- (61) Kosma CI, Lambropoulou DA, Albanis TA. Investigation of PPCPs in wastewater treatment plants in Greece: Occurrence, removal and environmental risk assessment. *Sci Total Environ* 2014;466-467:421-438.
- (62) Bizani E, Lambropoulou D, Fytianos K, Poullos I. Photocatalytic degradation of molinate in aqueous solutions. *Environ Sci Pollut Res* 2014;21(21):12294-12304.
- (63) Jelic A, Michael I, Achilleos A, Hapeshi E, Lambropoulou D, Perez S, et al. Transformation products and reaction pathways of carbamazepine during photocatalytic and sonophotocatalytic treatment. *J Hazard Mater* 2013;263:177-186.
- (64) Kyzas GZ, Kostoglou M, Lazaridis NK, Lambropoulou DA, Bikiaris DN. Environmental friendly technology for the removal of pharmaceutical contaminants from wastewaters using modified chitosan adsorbents. *Chem Eng J* 2013;222:248-258.
- (65) Lambropoulou DA. Microextraction techniques coupled to advanced GC-MS techniques for analysis of environmental samples. *Compr Anal Chem* 2013;61:23-54.
- (66) Tzikalos N, Belessi V, Lambropoulou D. Photocatalytic degradation of Reactive Red 195 using anatase/brookite TiO₂ mesoporous nanoparticles: Optimization using response surface methodology (RSM) and kinetics studies. *Environ Sci Pollut Res* 2013;20(4):2305-2320.
- (67) Lambropoulou D, Evgenidou E, Christophoridis C, Bizani E, Fytianos K. Flame Retardants. Analysis of Endocrine Disrupting Compounds in Food; 2012. p. 377-411.
- (68) Karaouzas I, Lambropoulou DA, Skoulikidis NT, Albanis TA. Levels, sources and spatiotemporal variation of nutrients and micropollutants in small streams of a Mediterranean River basin. *J Environ Monit* 2011;13(11):3064-3074.
- (69) Lambropoulou DA, Konstantinou IK, Albanis TA, Fernández-Alba AR. Photocatalytic degradation of the fungicide Fenhexamid in aqueous TiO₂ suspensions: Identification of intermediates products and reaction pathways. *Chemosphere* 2011;83(3):367-378.
- (70) Pantazaki AA, Papaneophytou CP, Lambropoulou DA. Simultaneous polyhydroxyalkanoates and rhamnolipids production by *thermus thermophilus* HB8. *AMB Express* 2011;1(1):1-13.
- (71) Lambropoulou DA. An overview of modern extraction techniques for the determination of organic pollutants in environmental matrices: A review. *Curr Org Chem* 2010;14(19):2247-2267.
- (72) Kosma CI, Lambropoulou DA, Albanis TA. Occurrence and removal of PPCPs in municipal and hospital wastewaters in Greece. *J Hazard Mater* 2010;179(1-3):804-817.
- (73) Zioris IV, Lambropoulou DA, Danis TG, Karagiozoglou DT, Albanis TA. Assessment of pesticide residues in fresh peach samples produced under integrated crop management in an agricultural region of northern Greece. *Food Addit Contam Part A Chem Anal Control Exposure Risk Assess* 2009;26(9):1256-1264.
- (74) Belessi V, Romanos G, Boukos N, Lambropoulou D, Trapalis C. Removal of Reactive Red 195 from aqueous solutions by adsorption on the surface of TiO₂ nanoparticles. *J Hazard Mater* 2009;170(2-3):836-844.
- (75) Belessi V, Lambropoulou D, Konstantinou I, Zboril R, Tucek J, Jancik D, et al. Structure and photocatalytic performance of magnetically separable titania photocatalysts for the degradation of propachlor. *Appl Catal B Environ* 2009;87(3-4):181-189.

- (76) Lambropoulou DA, Hernando MD, Konstantinou IK, Thurman EM, Ferrer I, Albanis TA, et al. Identification of photocatalytic degradation products of bezafibrate in TiO₂ aqueous suspensions by liquid and gas chromatography. *J Chromatogr A* 2008;1183(1-2):38-48.
- (77) Konstantinou I, Hela D, Lambropoulou D, Albanis T. Monitoring of pesticides in the environment. *Analysis of Pesticides in Food and Environmental Samples*; 2008. p. 319-357.
- (78) Lambropoulou DA, Albanis TA. Methods of sample preparation for determination of pesticide residues in food matrices by chromatography-mass spectrometry-based techniques: A review. *Anal Bioanal Chem* 2007;389(6):1663-1683.
- (79) Lambropoulou DA, Konstantinou IK, Albanis TA. Recent developments in headspace microextraction techniques for the analysis of environmental contaminants in different matrices. *J Chromatogr A* 2007;1152(1-2):70-96.
- (80) Belessi V, Lambropoulou D, Konstantinou I, Katsoulidis A, Pomonis P, Petridis D, et al. Structure and photocatalytic performance of TiO₂/clay nanocomposites for the degradation of dimethachlor. *Appl Catal B Environ* 2007;73(3):292-299.
- (81) Lambropoulou DA, Albanis TA. Liquid-phase micro-extraction techniques in pesticide residue analysis. *J Biochem Biophys Methods* 2007;70(2):195-228.
- (82) Lambropoulou DA, Konstantinou IK, Albanis TA. Sample pretreatment method for the determination of polychlorinated biphenyls in bird livers using ultrasonic extraction followed by headspace solid-phase microextraction and gas chromatography-mass spectrometry. *J Chromatogr A* 2006;1124(1-2):97-105.
- (83) Lambropoulou DA, Konstantinou IK, Albanis TA. Coupling of headspace solid phase microextraction with ultrasonic extraction for the determination of chlorinated pesticides in bird livers using gas chromatography. *Anal Chim Acta* 2006;573-574:223-230.
- (84) Sakellarides TM, Konstantinou IK, Hela DG, Lambropoulou D, Dimou A, Albanis TA. Accumulation profiles of persistent organochlorines in liver and fat tissues of various waterbird species from Greece. *Chemosphere* 2006;63(8):1392-1409.
- (85) Hela DG, Konstantinou IK, Sakellarides TM, Lambropoulou DA, Akriotis T, Albanis TA. Persistent organochlorine contaminants in liver and fat of birds of prey from Greece. *Arch Environ Contam Toxicol* 2006;50(4):603-613.
- (86) Mitsou K, Koulianou A, Lambropoulou D, Pappas P, Albanis T, Lekka M. Growth rate effects, responses of antioxidant enzymes and metabolic fate of the herbicide Propanil in the aquatic plant *Lemna minor*. *Chemosphere* 2006;62(2):275-284.
- (87) Hela DG, Lambropoulou DA, Konstantinou IK, Albanis TA. Environmental monitoring and ecological risk assessment for pesticide contamination and effects in Lake Pamvotis, northwestern Greece. *Environ Toxicol Chem* 2005;24(6):1548-1556.
- (88) Lambropoulou DA, Albanis TA. Application of hollow fiber liquid phase microextraction for the determination of insecticides in water. *J Chromatogr A* 2005;1072(1):55-61.
- (89) Lambropoulou DA, Albanis TA. Sensitive trace enrichment of environmental andriandrogen vinclozolin from natural waters and sediment samples using hollow-fiber liquid-phase microextraction. *J Chromatogr A* 2004;1061(1):11-18.
- (90) Albanis TA, Hela DG, Lambropoulou DA, Sakkas VA. Gas chromatographic-mass spectrometric methodology using solid-phase microextraction for the multiresidue determination of pesticides in surface waters. *Int J Environ Anal Chem* 2004;84(14-15):1079-1092.
- (91) Lambropoulou DA, Albanis TA. Application of solvent microextraction in a single drop for the determination of new antifouling agents in waters. *J Chromatogr A* 2004;1049(1-2):17-23.

- (92) Lekka E, Kagalou I, Lazaridou-Dimitriadou M, Albanis T, Dakos V, Lambropoulou D, et al. Assessment of the water and habitat quality of a Mediterranean river (Kalamas, Epirus, Hellas), in accordance with the EU water framework directive. *Acta Hydrochim Hydrobiol* 2004;32(3):175-188.
- (93) Lambropoulou DA, Psillakis E, Albanis TA, Kalogerakis N. Single-drop microextraction for the analysis of organophosphorous insecticides in water. *Anal Chim Acta* 2004;516(1-2):205-211.
- (94) Lambropoulou DA, Albanis TA. Determination of the fungicides vinclozolin and dicloran in soils using ultrasonic extraction coupled with solid-phase microextraction. *Anal Chim Acta* 2004;514(1):125-130.
- (95) Lambropoulou DA, Sakkas VA, Albanis TA. Partitioning of antifouling agents, irgarol 1051 and sea nine 211, to humic organic matter investigated by solid-phase microextraction. *Int J Environ Anal Chem* 2004;84(1-3):47-54.
- (96) Sakellarides TM, Sakkas VA, Lambropoulou DA, Albanis TA. Application of solid-phase microextraction (SPME) for photocatalytic studies of fenitrothion and methyl parathion in aqueous TiO₂ suspensions. *Int J Environ Anal Chem* 2004;84(1-3):161-172.
- (97) Sakkas VA, Giokas DL, Lambropoulou DA, Albanis TA. Aqueous photolysis of the sun screen agent octyl-dimethyl-p-aminobenzoic acid: Formation of disinfection byproducts in chlorinated swimming pool water. *J Chromatogr A* 2003;1016(2):211-222.
- (98) Lambropoulou DA, Sakkas VA, Albanis TA. Determination of antifouling compounds in marine sediments by solid-phase microextraction coupled to gas chromatography-mass spectrometry. *J Chromatogr A* 2003;1010(1):1-8.
- (99) Lambropoulou DA, Albanis TA. Headspace solid-phase microextraction in combination with gas chromatography-mass spectrometry for the rapid screening of organophosphorus insecticide residues in strawberries and cherries. *J Chromatogr A* 2003;993(1-2):197-203.
- (100) Albanis TA, Lambropoulou DA, Sakkas VA, Hela D. Monitoring of priority pesticides using SPME (solid phase microextraction) in river water from Greece. *Water Sc Technol Water Supply* 2003;3(1-2):335-342.
- (101) Konstantinou IK, Hela DG, Lambropoulou DA, Sakkas VA, Albanis TA. Comparison of the performance of analytical methods based on solid-phase extraction and on solid-phase microextraction for the determination of antifouling booster biocides in natural waters. *Chromatographia* 2002;56(11-12):745-751.
- (102) Lambropoulou DA, Sakkas VA, Albanis TA. Headspace solid phase microextraction for the analysis of the new antifouling agents Irgarol 1051 and Sea Nine 211 in natural waters. *Anal Chim Acta* 2002;468(1):171-180.
- (103) Sakkas VA, Lambropoulou DA, Sakellarides TM, Albanis TA. Application of solid-phase microextraction for monitoring the photocatalytic decomposition of fenthion and parathion in aqueous TiO₂ suspensions. *Anal Chim Acta* 2002;467(1-2):233-243.
- (104) Lambropoulou DA, Giokas DL, Sakkas VA, Albanis TA, Karayannis MI. Gas chromatographic determination of 2-hydroxy-4-methoxybenzophenone and octyldimethyl-p-aminobenzoic acid sun screen agents in swimming pool and bathing waters by solid-phase microextraction. *J Chromatogr A* 2002;967(2):243-253.
- (105) Sakkas VA, Lambropoulou DA, Albanis TA. Study of chlorothalonil photodegradation in natural waters and in the presence of humic substances. *Chemosphere* 2002;48(9):939-945.
- (106) Lambropoulou DA, Sakkas VA, Hela DG, Albanis TA. Application of solid-phase microextraction in the monitoring of priority pesticides in the Kalamas River (N.W. Greece). *J Chromatogr A* 2002;963(1-2):107-116.

- (107) Albanis TA, Lambropoulou DA, Sakkas VA, Konstantinou IK. Antifouling paint booster biocide contamination in greek marine sediments. *Chemosphere* 2002;48(5):475-485.
- (108) Lambropoulou DA, Albanis TA. Headspace solid phase microextraction applied to the analysis of organophosphorus insecticides in strawberry and cherry juices. *J Agric Food Chem* 2002;50(12):3359-3365.
- (109) Lambropoulou DA, Sakkas VA, Albanis TA. Analysis of antifouling biocides Irgarol 1051 and Sea Nine 211 in environmental water samples using solid-phase microextraction and gas chromatography. *J Chromatogr A* 2002;952(1-2):215-227.
- (110) Sakkas VA, Lambropoulou DA, Albanis TA. Photochemical degradation study of irganol 1051 in natural waters: Influence of humic and fulvic substances on the reaction. *J Photochem Photobiol A Chem* 2002;147(2):135-141.
- (111) Lambropoulou DA, Konstantinou IK, Albanis TA. Factors affecting multiresidue determination of priority herbicides when using solid-phase microextraction. *J AOAC Int* 2002;85(2):486-493.
- (112) Lambropoulou DA, Sakkas VA, Albanis TA. Validation of an SPME method, using PDMS, PA, PDMS-DVB, and CW-DVB SPME fiber coatings, for analysis of organophosphorus insecticides in natural waters. *Anal Bioanal Chem* 2002;374(5):932-941.
- (113) Sakkas VA, Konstantinou IK, Lambropoulou DA, Albanis TA. Survey for the occurrence of antifouling paint booster biocides in the aquatic environment of Greece. *Environ Sci Pollut Res* 2002;9(5):327-332.
- (114) Lambropoulou DA, Albanis TA. Optimization of headspace solid-phase microextraction conditions for the determination of organophosphorus insecticides in natural waters. *J Chromatogr A* 2001;922(1-2):243-255.
- (115) Lambropoulou DA, Konstantinou IK, Albanis TA. Determination of fungicides in natural waters using solid-phase microextraction and gas chromatography coupled with electron-capture and mass spectrometric detection. *J Chromatogr A* 2000;893(1):143-156.
- (116) Lambropoulou DA, Konstantinou IK, Albanis TA. Determination of herbicides in natural waters using solid phase microextraction (SPME) and gas chromatography coupled with flame thermionic and mass spectrometric detection. *Int J Environ Anal Chem* 2000;78(3-4):223-240.
- (117) Lambropoulou D, Sakellarides T, Albanis T. Determination of organophosphorus insecticides in natural waters using SPE-disks and SPME followed by GC/FTD and GC/MS. *Fresenius J Anal Chem* 2000;368(6):616-623.
- (118) Hela DG, Konstantinou IK, Sakellarides TM, Lambropoulou D, Albanis TA. Application of solid-phase extraction disks followed by gas chromatography with mass spectrometry and flame thermionic detector to the determination of pesticide residues in environmental waters. *Fresenius Environ Bull* 2000;9(9-10):535-543.

C5.4. INVITED CHAPTERS IN INTERNATIONAL SCIENTIFIC BOOKS

1. I. Konstantinou, D. Hela, D. **Lambropoulou**, T. Albanis, "Monitoring of Pesticides In The Environment", (Chapter 12 of the Book entitled: Analysis of pesticides in food and environmental samples" published by CRC Press. Edited by Jose L Tadeo) (invited chapter), ISBN: 978-0-8493-7552-1, 2008.
2. Ioannis K. Konstantinou, Dimitra A. **Lambropoulou*** and Triantafyllos A. Albanis, Photochemical transformation of Pharmaceuticals in the aquatic environment: Reaction pathways and intermediates, (Xenobiotics in the Urban Water Cycle, published by Springer Verlag, Edited by D. Fatta Kassinos, K. Buster and K. Kummerer, (invited chapter). *10.1007/978-90-481-3509-7_10, p.p. 179-194, (2010).*

Lecturer

3. **D. Lambropoulou**, E. Evgenidou, Ch. Christophoridis, E. Bizani and K. Fytianos, Flame Retardants, (chapter 17 of the book entitled: Analysis of Endocrine Disrupting Compounds in Food (the Work) under the editorship of Leo M.L. Nollet, PhD (Editor) (invited chapter), ISBN: 978-0-8138-1816-0, pp. 377-411, December 2010, Wiley-Blackwell.
4. **Dimitra A. Lambropoulou*** and Eleni Evgenidou, "Endocrine disrupting chemicals, pharmaceuticals, and personal care products", Handbook of Water Analysis, Third Edition, under the editorship of Leo M.L. Nollet, PhD (Editor) (invited chapter), Taylor and Francis, LLC, *in press* (2012).
5. **Dimitra A. Lambropoulou*** and Eleni Evgenidou, "Residues of plastics", Handbook of Water Analysis, Third Edition, under the editorship of Leo M.L. Nollet, PhD (Editor) (invited chapter), Taylor and Francis, LLC, *in press* (2012).

C5.5. Publications

- Co-Editor in the forthcoming book entitled: "**T**ransformation Products of Emerging Contaminants in the Environment: *Analysis, Processes, Occurrence, Effects and Risks*", to be published by John Wiley & Sons, to 2013. (Editors: **Dimitra A. Lambropoulou** and Leo M.L. Nollet).
- **Dimitra Lambropoulou**, "Microextraction techniques coupled to GC-MS for analysis of food and environmental samples", (invited chapter), Advanced Techniques in Gas Chromatography-Mass Spectrometry (GC-MS-MS and GC-TOF-MS) for Environmental Chemistry (the "Volume") edited by Imma Ferrer and E. Michael Thurman (the "Volume Editor") included in the series Comprehensive Analytical Chemistry edited as a whole by Damia Barcelo.

C5.6. Participation in International Conferences with proceedings

1. D.A. Lambropoulou, I.K. Konstantinou and T.A. Albanis, Determination of herbicides in natural waters using solid phase microextraction (SPME) and gas chromatography coupled with flame thermionic and mass spectrometric detection, *3rd Euroconference on Environmental Analytical Chemistry*, Chalkidiki, Greece, October 9-15, 1999.
2. D. Lambropoulou, Th. Sakellarides and T.A. Albanis, "Determination of Organophosphorus Insecticides in Environmental Waters by Using SPE and SPME Techniques with gas Chromatography", *6th International Conference on environmental Science and Technology*, Pythagorion, Samos, Greece, August 30- September 2, 1999.
3. D. Lambropoulou, Th. Sakellarides and T.A. Albanis, "Determination of Organophosphorous insecticides in aqueous samples by using Solid Extraction (SPE) and Solid Microextraction (SPME) with Gas Chromatography and FTD", *3rd Euroconference on Environmental Analytical Chemistry, October 9-15 1999, Halkidiki, Greece*.
4. D.A. Lambropoulou and T. A. Albanis, Herbicide residues analysis in natural waters using solid phase microextraction (SPME) and gas chromatography coupled with flame thermionic and mass spectrometric detection, *2nd International Conference of the Chemical Societies of the South-Eastern European Countries on Chemical Sciences for Sustainable Development*, Halkidiki, June 6-9 2000, Greece.
5. D.A. Lambropoulou, I.K. Konstantinou and T.A. Albanis, Determination of fungicides in natural waters using solid microextraction (SPME) and gas chromatography coupled with electron capture and mass spectrometric detection, *5th International congress on Environmental Pollution, Thessaloniki, Greece, 28 August-1 September, 2000*.
6. D.A. Lambropoulou, I.K. Konstantinou and T.A. Albanis*, Determination of fungicides in natural waters using solid microextraction (SPME) and gas chromatography coupled with electron capture and mass spectrometric detection, *3rd International conference of Balkan Environmental Assosiation (B.E.N.A.), Bucharest - Romania, 23-26 November, 2000*.
7. D. Hela*, D. Lambropoulou, V. Sakkas and Albanis*, Concentration levels of pesticide residues in surface waters of Epirus (N.W. Greece) *1st European Congress on Pesticides and Related Micropollutants in the Environment, Ioannina, 5-8 October, 2000*.
8. D.A. Lambropoulou, I.K. Konstantinou* and T.A. Albanis. Determination of fungicides in natural waters using solid microextraction (SPME) and gas chromatography coupled with electron capture and mass spectrometric detection, *1st European Congress on Pesticides and Related Micropollutants in the Environment, Ioannina, 5-8 October, 2000*.
9. T.A. Albanis, I.K. Konstantinou, V.A. Sakkas* and D.A. Lambropoulou, Concentrations of antifouling booster biocides in water and sediments of various Greek marinas and ports, *7th Conference on Environmental Science and Technology, Aegean University, Ermoupolis, Syros, 3-6 September 2001*.
10. I.K. Konstantinou*, D.A. Lambropoulou, V.A. Sakkas, D.G. Hela and T.A. Albanis, Comparison of analytical methods based on SPE and SPME Techniques for the determination of antifouling booster biocides in natural waters, *7th Conference on Environmental Science and Technology, Aegean University, Ermoupolis, Syros, Greece, 3-6 September 2001*.
11. V.A. Sakkas, D.A. Lambropoulou, Th. M. Sakellarides and T.A. Albanis*, Photocatalytic degradation of parathion and fenthion in aqueous TiO₂ suspensions. *1st European Bioremediation Conference Chania, Greece, 1- 7 July 2001*.
12. T. A. Albanis, I. K. Konstantinou, V. A. Sakkas* and D. A. Lambropoulou, Monitoring of antifouling agents in Greek coastal environment by gas chromatography – mass spectrometry, *International Conference Instrumental Methods of Analysis Moder Trends and Applications (IMA), Ioannina, Greece, 5-8 September 2001*.

13. V.A. Sakkas, D.A. Lambropoulou, Th. Sakellarides and T.A. Albanis, Application of SPME for the photocatalytic degradation of selected insecticides. *International Conference Instrumental Methods of Analysis Modern Trends and Applications (IMA), Ioannina, Greece, 5-8 September 2001.*
14. D.A. Lambropoulou and T.A. Albanis*, Optimization of headspace solid phase microextraction method for the determination of organophosphorus insecticides in natural waters, *Environmental Pollution and its Impact on Life in the Mediterranean Region, Limassol, Cyprus, 6-10 October 2001.*
15. D.A. Lambropoulou, V.A. Sakkas and T.A. Albanis, Application of solid phase microextraction (SPME) in monitoring of priority pesticides in river water from Greece, *International Water Association (IWA) Berlin, Germany, 15-19 October 2001.*
16. V.A. Sakkas, D.A. Lambropoulou, I.K. Konstantinou and T.A. Albanis*, "Concentrations of antifouling booster biocides in water and sediments of various Greek marinas and ports" *4th International conference of Balkan Environmental Association (B.E.N.A.), Edirne - Turkey, 18-21 October 2001.*
17. D.A. Lambropoulou, V.A. Sakkas, D. Hela and T.A. Albanis, Determination of pesticides in Kalamas River (Epirus) using SPME – Comparison between SPME and SPE, *7th Conference Cyprus-Greece, Nicosia, Cyprus, 8-11 November 2001.*
18. T.A. Albanis, D.A. Lambropoulou, V.A. Sakkas "Solid phase microextraction (SPME) in monitoring of priority pesticides in river water from Greece", *3rd IWA World Congress, Melbourne, Australia, 7-12 April 2002.*
19. T.A. Albanis*, D.A. Lambropoulou and V.A. Sakkas, Determination of Antifouling Compounds in Natural Waters Using Solid Phase Microextraction (SPME) and Gas Chromatography Coupled With Electron Capture, Flame Thermionic and Mass Spectrometric Detection, *ISEAC 32, Plymouth, UK, 17-21 June 2002 (εισήγηση μετά από πρόσκληση)*
20. D.A. Lambropoulou, V.A. Sakkas, T.A. Albanis, "Analysis of antifouling biocides irgarol 1051 and sea-nine 211 in environmental water samples using solid phase microextraction (SPME) and gas chromatography", *6th Protection and Restoration of the Environment, Skiathos, Greece, 1-5 July, 2002.*
21. Dimitra A. Lambropoulou and Triantafyllos A. Albanis*, "Gas Chromatographic-Mass Spectrometric Analysis of Organophosphorus (OPs) Insecticides in Water Samples Using Headspace Solid Phase Microextraction Approach" *8th FECS Conference on "Chemistry for a Sustaining World", Athens, Greece, 31 August-4 September 2002. (εισήγηση μετά από πρόσκληση).*
22. D.A. Lambropoulou, D.L. Giokas, V.A. Sakkas, T.A. Albanis, M.I. Karayannis "Gas Chromatographic Determination of Benzophenone-3 and Octyl Dimethyl PABA Sunscreen Agents in Swimming Pool and Bathing Waters by Solid-Phase Microextraction", *2nd European Conference on Pesticides and related Organic Micropollutants in the Environment, Corfu, Greece, September 26-29, 2002.*
23. D.A. Lambropoulou, V.A. Sakkas, T.A. Albanis, "Development of headspace solid-phase microextraction method for the determination of new antifouling agents - irgarol 1051 and sea-nine 211 in natural waters", *2nd European Conference on Pesticides and related Organic Micropollutants in the Environment, Corfu, Greece, September 26-29, 2002.*
24. I.K. Konstantinou*, D.A. Lambropoulou, V.A. Sakkas, D.G. Hela and T.A. Albanis, "Comparison of the performance of analytical methods based on SPE and SPME Techniques for the determination of antifouling booster biocides in natural waters" *2nd European Conference on Pesticides and Related Organic Micropollutants in the Environment, Corfu, Greece, September 26-29, 2002.*
25. D.A. Lambropoulou, V.A. Sakkas, T.A. Albanis*, validation of SPME method for the analysis of organophosphorus insecticides in natural waters, *8th Conference on Environmental Science and Technology, Aegean University, Myrina, Lemnos, Greece, 8 – 10, September 2003.*
26. D.A. Lambropoulou*, T.A. Albanis, Determination of vinclozolin residues in soils by solid-phase microextraction and gas chromatography/mass spectrometry, *International Conference Instrumental*

Methods of Analysis Modern Trends and Applications (IMA), Thessaloniki, Greece, 23-27, September 2003.

27. Dimitra A. Lambropoulou, Nikolaos K. Bechrakis, Presvia D. Selimi and Triantafyllos A. Albanis, Application of solid-phase microextraction and comparison with solid-phase extraction for the multiresidue determination of forty pesticides in water samples by gas chromatography/mass spectrometry, *International Conference Instrumental Methods of Analysis Modern Trends and Applications (IMA), Thessaloniki, Greece, 23-27, September 2003.*
28. Dimitra A. Lambropoulou* and Triantafyllos A. Albanis, Application of solvent microextraction in a single drop for the determination of new antifouling agents in waters, *3rd scientific of the Spanish Society of Chromatography and Related Techniques, 3rd Waste Water Cluster European Workshop, Aguadulce, Almeria, Spain, November 19-21, 2003.*
29. Triantafyllos A. Albanis*, Theofanis M. Sakellarides, Vasilios A. Sakkas and Dimitra A. Lambropoulou Determination of pesticides and their photo depredated by-products by using SPME techniques with GC-FTD and GC-MS, *3rd scientific of the Spanish Society of Chromatography and Related Techniques, 3rd Waste Water Cluster European Workshop, Aguadulce, Almeria, Spain, November 19-21, 2003. (εισήγηση μετά από πρόσκληση)*
30. D.A. Lambropoulou, V.A. Sakkas, I.K. Konstantinou and T.A. Albanis*, Antifouling paint booster biocide concentration in Greek marine sediments, *International symposium on Antifouling Paint and Marine Environment (InSAFE), January 27-30, Tokyo, 2004.*
31. D.A. Lambropoulou*, and T.A. Albanis, "Development of a sensitive methodology for the analysis of vinclozolin and dicloran in soils by combination of ultrasonic extraction and solid-phase microextraction" *3rd European Conference on Pesticides and Related Organic Micropollutants in the Environment, , Greece, October 7-10, Halkidiki, Greece, 2004.*
32. N. Bechrakis, D. Lambropoulou, P. Selimi and T. Albanis, "Application of solid phase extraction for the determination of pharmaceuticals in surface waters" *3rd European Conference on Pesticides and Related Organic Micropollutants in the Environment, , Greece, October 7-10, Halkidiki, Greece, 2004.*
33. P. Selimi, D. Lambropoulou, N. Bechrakis and T. Albanis, "Development of solid-phase extraction technique for the determination of pharmaceutical compounds in water samples as tert-butyl dimethylsilyl derivatives using gas chromatography – mass spectrometry" *3rd European Conference on Pesticides and Related Organic Micropollutants in the Environment, , Greece, October 7-10, Halkidiki, Greece, 2004.*
34. K. Mitsou, A. Koulianou, D. Lambropoulou, P. Pappas, T. Albanis and M. Lekka, "Fate and effects of propanil on lemna minor" *3rd European Conference on Pesticides and Related Organic Micropollutants in the Environment, , Greece, October 7-10, Halkidiki, Greece, 2004.*
35. A. Koulianou, K. Mitsiou, D. Lambropoulou, P. Pappas, T. Albanis and M. Lekka, "Effects of organophosphorus insecticide diazinon and organochlorine herbicide propanil on ciliate protozoan tetrahymena pyriformis w", *3rd European Conference on Pesticides and Related Organic Micropollutants in the Environment, , Greece, October 7-10, Halkidiki, Greece, 2004.*
36. D. Hela, D. Lambropoulou, I. Konstantinou, T. Albanis "Determination of pesticide residues and ecological risk assessment in Lake Pamvotis (N.W. Greece)" *Protection and Restoration of the Environment VII, Mykonos, Greece, 28 June-1 July 2004.*
37. Dimitra Lambropoulou and T. Albanis, Sensitive trace enrichment of environmental androgen vinclozolin from natural waters and sediment samples using hollow-fiber/liquid phase microextraction, *SETAC Europe Annual Meeting in Lille, France, 22-26 May 2005.*
38. Dimitra Lambropoulou, Konstantinos Tsaktsiras and T. Albanis, GIS Technology. An Integrated Approach To Forest Ecosystem Management, *II conference & exhibition on geographic information, May 30 - June 2 Estoril, Lisboa Portugal, 2005.*

39. N. Bechrakis, D. A. Lambropoulou, P. Selimi, and T. Albanis. High performance liquid chromatographic determination of pharmaceutical compounds in wastewaters. *9th Conferens on Environmenetal Science and Technology, Aegean University, Rodos, 1-3 September 2005.*
40. I. Konstantinou*, D. Hela, D. Lambropoulou, T. Sakellarides, A. Dimou, T. Akriotis And T. Albanis, PCBs and organochlorine pesticides concentration levels in liver and fat tissues of diurnal (falconiformes) and nocturnal (strigiformes) birds of prey from Greece, *9th Conferens on Environmenetal Science and Technology, Aegean University, Rodos, 1-3 September 2005.*
41. D.A. Lambropoulou, I.K. Konstantinou and T.A. Albanis, determination of chlorinated pesticides in bird livers using headspace Solid phase microextraction (HS-SPME) coupled with ultrasolic extraction, *13th International Conference Instrumental Methods of Analysis Modern Trends and Applications (IMA), Iraklio, Greece, 2-6, October 2005.*
42. D.A. Lambropoulou, I.K. Konstantinou and T.A. Albanis, Solid phase microextraction as a clean up and enrichment step for the determination of chlorinated pesticides in bird livers, *13th Environmental Pollution and its Impact on Life in the Mediterranean Region, Thessaloniki, 8-12 October 2005.*
43. N. Bechrakis, D.A. Lambropoulou, P. Selimi, T.A. Albanis, Liquid chromatographic determination of pharmaceuticals in sewage sludges by using solvent extraction followed by solid phase extraction, *13th Environmental Pollution and its Impact on Life in the Mediterranean Region, Thessaloniki, 8-12 October 2005.*
44. D. Lambropoulou, I. Konstantinou, M. Thurman, I. Ferrer, D. Hernando, A. R. Fernández-Alba and T. Albanis, Degradation of bezafibrate by heterogeneous photocatalysis in TiO₂ aqueous suspensions: Identification of main intermediates and toxicity assessment, *Environmental Applications of Advanced Oxidations Processes, Chania, 7-9 September 2006.*
45. V. Belessi, D. Lambropoulou, I. Konstantinou, A. Katsoulides, P. Pomonis, D. Petridis, T. Albanis, Photocatalytic degradation of herbicide dimethachlor over TiO₂ nanocomposites, *1st European Conference on Environmental Applications of Advanced Oxidations Processes, Chania, 7-9 September 2006.*
46. Hernando MD., Lambropoulou D., Martinez-Bueno MJ, I. Konstantinou, T. Albanis, A.R. Fernandez-Alba "Passive sampling devices and toxicity tests as environmental control strategies in aquaculture" *3rd International Congress on Aquaculture, Fisheries Technology and Environmental Management, 3-4 November, Athens, Greece, 2006.*
47. Konstantinou IK, Lambropoulou DA, Albanis TA, "Passive sampling techniques for monitoring organic micropollutants in aquatic environments", In AQUA: (Nov 2006) 2nd international conference aqua 2006 water science and technology integrated management of water resources & watertec 2006 - 3rd International Exhibition of Water and Environment November 23-26, 2006, HELEXPO Palace, Maroussi, Athens, Greece, 2006.
48. Triantafyllos Albanis, Fokion Vosniakos, Kostas Nikolaou, Mihail Kochubovski, Dragan Gjorgjef, Blagoja Aleksoski, Dimitra Lambropoulou*, Kostas Zavlaris and Presvia Selimi, Axios river pollution. Part I: The pesticides, *4th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 10th Symposium on the Chemistry and Fate of Modern Pesticides, Almeria, Spain, 26th-29th November 2006.*
49. Triantafyllos Albanis, Fokion Vosniakos, Kostas Nikolaou, Mihail Kochubovski, Dragan Gjorgjef, Blagoja Aleksoski, Dimitra Lambropoulou, Kostas Zavlaris and Presvia Selimi., Axios river pollution. part ii: the polychlorinated biphenyls and the heavy metals. *4th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 10th Symposium on the Chemistry and Fate of Modern Pesticides, Almeria, Spain, 26th-29th November 2006.*
50. G. Kalampoki, D. Lambropoulou, T. Albanis, Multiresidue high performance liquid chromatographic determination of pesticides in waters, *4th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 10th Symposium on the Chemistry and Fate of Modern Pesticides, Almeria, Spain, 26th-29th November 2006.*

51. C. Kosma, D. Lambropoulou, T. Albanis, Comparison of different sorbents for multiresidue solid-phase extraction of 9 pharmaceuticals in surface and wastewater samples, *4th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 10th Symposium on the Chemistry and Fate of Modern Pesticides*, Almeria, Spain, 26th-29th November 2006.
52. V. Belessi, D. Lambropoulou, I. Konstantinou*, V. Tzitzios, T. Albanis, Photocatalytic oxidation of dimethachlor herbicide over polyethylene glycol (peg)-metal-modified TiO₂ photocatalysts, *4th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 10th Symposium on the Chemistry and Fate of Modern Pesticides*, Almeria, Spain, 26th-29th November 2006.
53. V. Selimi, D. Barelos, T. Sakellarides, I. Konstantinou, D. Lambropoulou, T. Albanis, Levels of trace organic contaminants and their ecotoxicological implication in water and sediments from amvrakikos gulf coastal lagoons, *4th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 10th Symposium on the Chemistry and Fate of Modern Pesticides*, Almeria, Spain, 26th-29th November 2006.

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54. Christina I. Kosma*, Dimitra A. Lambropoulou and Triantafyllos A. Albanis, Determination of pharmaceutical compounds in water samples by solid-phase extraction (SPE) and gas chromatography-mass spectrometry, *10th International Conference on Environmental Science and Technology*, Aegean University, Kos, 5-7 September 2007.
55. I.V. Zioris, D.A. Lambropoulou, T.G. Danis, D.T. Karagiozoglou and T.A. Albanis, Determination of pesticide residues in River water of Aliakmonas and in fresh peaches produced in the region of Imathia (Greece), *10th International Conference on Environmental Science and Technology*, Aegean University, Kos, 5-7 September 2007.
56. Georgia I. Kalampoki, Dimitra A. Lambropoulou, Triantafyllos A. Albanis, Multi-residue screening of pesticide residues in surface waters of Kalamas River (N.W. GREECE) by solid-phase extraction followed by GC-MS analysis, *10th International Conference on Environmental Science and Technology*, Aegean University, Kos, 5-7 September 2007.
57. K. V. Karametsi, D. A. Lambropoulou, T. A. Albanis, Solid phase microextraction and gas chromatography with electron capture detection for multiresidue determination of pesticides in waters, *10th International Conference on Environmental Science and Technology*, Aegean University, Kos, 5-7 September 2007.
58. M.D. Hernando, D. Lambropoulou, I. Konstantinou, M.J. Martínez Bueno, Gabrielides, A.R. Fernández-Alba and T. Albanis, Passive sampling techniques for monitoring organic contaminants in aquaculture environment, *10th International Conference on Environmental Science and Technology*, Aegean University, Kos, 5-7 September 2007.
59. Christina I. Kosma, Dimitra A. Lambropoulou, Triantafyllos A. Albanis, "Determination of Pharmaceutical Compounds in wastewaters by Solid Phase Extraction (SPE) tandem Gas Chromatography Mass Spectrometry (GC-MS)", *5th European Conference on Pesticides and Related Organic Micropollutants in the Environment-11th Symposium on Chemistry and Fate of Modern Pesticides*, 22-25 October, 2008, Marseille, France. (added abstracts) -Poster presentation.
60. I. V. Zioris, D.A. Lambropoulou, T. G. Danis, T. A. Albanis, "Assessment of priority pesticides in fresh peaches from agricultural areas of the Aliakmonas river basin", *5th European Conference on Pesticides and Related Organic Micropollutants in the Environment-11th Symposium on Chemistry and Fate of Modern Pesticides*, 22-25 October, 2008, Marseille, France. (added abstracts) -Poster presentation.

61. K. V. Karametsi, D. A. Lambropoulou, T. A. Albanis, Development of a Solid phase microextraction and gas chromatography with electron capture detection method for the monitoring of 17 pesticides in water samples of the region of Epirus, 5th European Conference on Pesticides and Related Organic Micropollutants in the Environment-11th Symposium on Chemistry and Fate of Modern Pesticides, 22-25 October, 2008, Marseille, France. (added abstracts) -Poster presentation.
62. I. Karaouzas, Dimitra A. Lambropoulou, Triantafyllos A. Albanis, N. T. Skoulikidis, Monitoring pesticide contamination in streams of the Evrotas River (S. Greece), 5th European Conference on Pesticides and Related Organic Micropollutants in the Environment-11th Symposium on Chemistry and Fate of Modern Pesticides, 22-25 October, 2008, Marseille, France. (added abstracts) -Poster presentation.
63. Kosma Ch., Lambropoulou D. Albanis T., "Determination of Pharmaceuticals in Hospital and Municipal Wastewaters in Greece", International Conference on Xenobiotics in the Urban Water Cycle, 11-13 March, 2009, Paphos, Cyprus. Oral presentation.
64. Zioris I. Lambropoulou D. Albanis T. *, Analysis of priority pesticides in river water samples by solid-phase extraction coupled with gas chromatography-mass spectrometry, International Conference on Xenobiotics in the Urban Water Cycle, 11-13 March, 2009, Paphos, Cyprus. Poster presentation.
65. Kosma C.I., Lambropoulou D.A. and Albanis T.A., "Photodegradation study of the proton pump inhibitor Omeprazole in natural waters by simulated solar irradiation", 11th International Conference on Environmental Science and Technology, September 3-5, 2009, Chania, Crete, Greece. Page 278-Poster presentation.
66. Christina I. Kosma, Dimitra A. Lambropoulou, Triantafyllos A. Albanis, "Photolysis of Omeprazole in Aqueous Solutions Under Simulated Solar Irradiation", 6th International Conference Instrumental Methods of Analysis Modern Trends and Applications, October 4-8, 2009, Athens, Greece. Page 133-Poster presentation.
67. Christina I. Kosma, Dimitra A. Lambropoulou, Triantafyllos A. Albanis, "Multivariable Experimental Design and Mechanism for the Photocatalytic Degradation of Trimethoprim", 6th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 12th Symposium on Chemistry and Fate of Modern Pesticides, September 5-10, 2010, Matera, Italy. Page 284- Poster presentation.
68. Zioris I.V., Raftopoulos C.T., Lambropoulou D.A., Danis T.G. Albanis T.A., "Quick Easy Cheap Effective Rugged and Safe (QuEChERS) approach for the determination of 100 pesticides residues in agricultural products of North Greece during last quinquennium", 6th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 12th Symposium on Chemistry and Fate of Modern Pesticides, September 5-10, 2010, Matera, Italy.
69. Christina I. Kosma, Dimitra A. Lambropoulou, Triantafyllos A. Albanis, «Photodegradation Study of Trimethoprim in Different Aqueous Media by Natural and Simulated Solar Irradiation », 12th International Conference on Environmental Science and Technology (CEST 2011), September 8-10, 2011, Rhodes Island, Dodecanese, Greece. Page 345- Παρουσίαση Poster.
70. Zioris IV, Petridis N, Lambropoulou DA, Raftopoulos C, Albanis TA: "Occurrence of pesticides in rainwater samples in the rivers Axios, Loudias, and Aliakmonas estuaries, (N. Greece) by SPE and liquid chromatography-(LC-MS/MS)", 12th International Conference on Environmental Science and Technology (CEST 2011), September 8-10, 2011, Rhodes Island, Dodecanese, Greece.
71. C. I. Kosma, D.A. Lambropoulou, T.A. Albanis, «Pharmaceutical residues of different therapeutic classes in wastewaters in Greece», 7th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 13th Symposium on Chemistry and Fate of Modern Pesticides, October 7-10, 2012, Porto, Portugal.

C5.7. Participation in International Conferences with Abstract

CV - D. Lambropoulou

1. D.A. Lambropoulou, V.A. Sakkas and T.A. Albanis, Validation of headspace solid phase microextraction method for the determination of organophosphorus insecticide residues in strawberries and cherries, (*Extech*), *Advances in Extraction Technologies, Barcelona, Spain, 17 – 19 September 2001*.
2. D.A. Lambropoulou, V.A. Sakkas and T.A. Albanis, Application of solid phase microextraction (SPME) in monitoring of priority pesticides in river water from Greece, (*Extech*), *Advances in Extraction Technologies, Barcelona, Spain, 17 – 19 September 2001*.
3. T.A. Albanis*, D.A. Lambropoulou, V.A. Sakkas and, Analytical performance of SPME method for the analysis of organophosphorus insecticides in natural waters using PDMS, PA, PDMS-DVB and CW-DVB SPME fiber coatings, (*Extech*), *Advances in Extraction Technologies, Paris, France, 3-5, July 2002*.
4. D.A. Lambropoulou, V.A. Sakkas and T.A. Albanis, Headspace solid phase microextraction for the analysis of new antifouling agents Irgarol 1051 and Sea Nine 211 in natural waters –Application of SPME for the determination of partition coefficients to humic acids, (*Extech*), *Advances in Extraction Technologies, Paris, France, 3-5, July 2002*.
5. P. Selimi, D. Lambropoulou, N. Bechrakis and T. Albanis, Analysis of Pharmaceuticals spiked in natural water samples, *VII Protection and Restoration of the Environment, Mykonos, Greece, 28 June -1 July, 2004*.
6. N. Bechrakis, D. Lambropoulou, P. Selimi and T. Albanis*, Determination of drugs in spiked surface waters by Gas chromatography-mass spectrometry, *VII Protection and Restoration of the Environment, Mykonos, Greece, 28 June -1 July, 2004*.
7. D. Hela, D. Lambropoulou, I. Konstantinou, T. Albanis, "Determination of pesticide residues and ecological risk assessment in lake Pamvotis (N.W. Greece). Protection and Restoration of the environment VII, Mykonos, Greece, June 28-July 1, 2004.
8. D.A. Lambropoulou, and T.A. Albanis, "Application of liquid-phase microextraction technique for the determination of organophosphorous pesticide residues in waters", 6th Sixth International Symposium on Advances in Extraction Technologies (*Extech*), *Leipzig, Germany, 6-8 September 2004*.
9. Dimitra Lambropoulou, Konstantinos Tsaksiras and T. Albanis, Land Use Mapping Using GIS Technology for Forest ecosystem Management. A Case study from Epirus, Greece, (Geographical Information System), ECO-IMAGINE Conference "Coastal Governance, Planning and Design and GI", *Genova (I) on 16th – 20th November 2004*.
10. Dimitra A. Lambropoulou and Triantafyllos A. Albanis, Sensitive trace enrichment of environmental andriandrogen vinclozolin from natural waters and sediment samples using hollow-fiber/liquid phase microextraction, *SETAC Europe 15th Annual Meeting, Lille, France, 22-26 May 2005*.
11. D. Lambropoulou, I. Konstantinou and T. Albanis, Ultrasonic extraction of trace levels of polychlorinated biphenyls in bird livers combined with headspace solid phase microextraction - gas chromatography/electron capture detection, *Nine International Symposium of Hyphenated Techniques in Chromatography and Hyphanated Chromatographic Analyzers, (HTC-9), eight International Symposium on Advances in Extraction techniques 2006, EXTECH 2006, United Kingdom, York 8th – 10th February, 2006*
12. P. Selimi, N. Bechrakis, D. Lambropoulou and T. Albanis, Occurrence of Pharmaceutical Compounds in Kalamas River Basin (N.W. Greece), *3rd SWIFT-WFD Workshop in collaboration with AQUATERRA, Towards operational monitoring programmes and protocols for implementation of Water Framework Directive. Chemical analysis and data interpretation of priority and emerging pollutants at the river basin. Barcelona, Spain, 15-16 May, 2006*,
13. D. Lambropoulou, P. Selimi, N. Almpanis, C. Kortzinidis, F. Vosniakos and T. Albanis, Assessment of The Water Quality of Axios River, Macedonia (North Greece), *6th European Pesticide Residue Workshop, Corfu Greece, 21-25 May (2006)*.

14. P. Selimi, D. Barelos, Th. Sakellarides, I. Konstantinou*, D. Lambropoulou and T. Albanis, Levels and preliminary risk assessment of pesticide residues in water and sediments of Amvrakikos gulf coastal lagoons, *Transitional states in transitional & coastal waters, Kavala, Greece, 1-2 June, 2006.*

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15. D. Barelos, P. Selimi, T. Sakellarides, I. Konstantinou, D. Lambropoulou, T. Albanis, Levels of trace organic contaminants in water and sediments from Amvrakikos Gulf coastal lagoons First International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) Skiathos Greece 24 – 28 June 2007.
16. I. V. Zioris, D.A. Lambropoulou, T. G. Danis, D. T. Karagiozoglou, T. A. Albanis, “Assessment of pesticide contamination in river water samples from an intensive agriculture area, using solid phase extraction and gas chromatography – mass spectrometry”, First International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) Skiathos Greece 24 – 28 June 2007
17. F. Vosniakos, C. Diamantaopoulos, I. Triantafyllidis, G. Vasilikiotis, D. Lambropoulou, G. Kalampoki, C. Kosma and T. Albanis, Screening assessment of pesticides and persistent organic pollutants in waters and sediments of Axios River, 14th Symposium on environmental pollution and its impact on life in the Mediterranean region with focus on environment and health, Seville, Spain, 10-14 October 2007.
18. K. V. Karametsi, D. A. Lambropoulou, T. A. Albanis, Solid phase microextraction and gas chromatography with electron capture detection for multiresidue determination of pesticides in waters, 14th Symposium on environmental pollution and its impact on life in the Mediterranean region with focus on environment and health, Seville, Spain, 10-14 October 2007.
19. M.D. Hernando, D. Lambropoulou, I. Konstantinou, M.J. Martínez Bueno Gabrielides, A.R. Fernández-Alba and T. Albanis, Passive sampling techniques for monitoring organic contaminants in aquaculture environment, 14th Symposium on environmental pollution and its impact on life in the Mediterranean region with focus on environment and health, Seville, Spain, 10-14 October 2007.
20. V. Selimi, D. Barelos, I. Konstantinou, T. Sakellarides, D. Lambropoulou, T. Albanis, The contamination of Amvrakikos Gulf coastal lagoons by organic micropollutants, 14th Symposium on environmental pollution and its impact on life in the Mediterranean region with focus on environment and health, Seville, Spain, 10-14 October 2007.
21. Vassiliki Belessi, Dimitra Lambropoulou, Radek Zboril, Vassilis Tzitzios, T. Albanis, D. Petridis, “Structure and photocatalytic performance of magnetic TiO₂-Fe₃O₄ composites for the degradation of propachlor” 3rd INTERNATIONAL CONFERENCE on Micro-Nanoelectronics, Nanotechnology & MEMs, Athens, Greece, 18 – 21 November 2007, Micro&Nano, p.69.
22. Konstantinou IK, Lambropoulou DA, Albanis TA, “Passive sampling techniques for monitoring organic micropollutants in aquatic environments”, 9th International Conference on Protection and Restoration of the Environment ... 29 June - 3 July, 2008 Kefalonia, Greece
23. I. V. Zioris, D.A. Lambropoulou, T. G. Danis, T. A. Albanis, “One year monitoring survey of pesticide residues in river water of Aliakmonas and in fresh peaches produced in the region of Imathia (Greece)” 1st International Hazardous Waste Management Chania 1 - 3 October 2008
24. V. Belessi, D. Lambropoulou, I. Konstantinou, R. Zboril, J. Tucek, D. Jancik, T. Albanis and D. Petridis, Structure and Photocatalytic Performance of Magnetically Separable Titania Photocatalysts for the Degradation of Propachlor”, 5th International Conference on Nanosciences & Nanotechnologies - NN08 (14-16 July 2008), Thessaloniki

25. Ch.I. Kosma, D.A. Lambropoulou, T.A. Albanis, "Occurrence Of Pharmaceuticals of Different Therapeutic Classes In Surface Waters", AQUA '08- 3rd International Conference Water Science and Technology with emphasis on water & climate, 16-19 October, 2008, Athens, Greece.
26. C.I. Kosma, D.A. Lambropoulou, T.A. Albanis, "Photocatalytic Degradation of Trimethoprim by TiO₂: Multivariable Experimental Design, Mechanism and Toxicity Studies", Protection and Restoration of the Environment X (Pre10), July 5-9, 2010, Corfu, Greece.
27. I.V. Zioris, D.A. Lambropoulou, C.T. Raftopoulos, T.A. Albanis, Occurrence Of Pesticides In Rainwater Samples In The Rivers Axios, Loudias, And Aliakmonas Estuaries, (N. Greece) By Automated Off-Line Solid Phase Extraction And Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS), Protection and Restoration of the Environment X (Pre10), July 5-9, 2010, Corfu, Greece.
28. M.S. Tziouvalekas, D. A. Lambropoulou, T. A. Albanis, Monitoring Of Priority Pesticides In Water Well And Soil Samples In Agricultural Fields In Pinios River Basin (Central Greece), Protection and Restoration of the Environment X (Pre10), July 5-9, 2010, Corfu, Greece.
29. Kosma CI, Lambropoulou DA, Albanis TA, "Occurrence and removal of pharmaceutically active compounds in wastewaters in Greece", 2nd International Conference on Industrial and Hazardous Waste Management: 5-8 October 2010. Chania, Crete, Greece.
30. Kosma C.I., Lambropoulou D.A. and Albanis T.A., «Presence of pharmaceutically active compounds in wastewaters in Greece», International environmental conference, Sustainable Development in Coastal Areas, 29 June-1 July, 2011, Ioannina, Greece. Προφορική Παρουσίαση.
31. V. Belessi and D. Lambropoulou "TiO₂ Nanomaterials as Photocatalysts", Nanotextology 2011, International Exhibition & Conferences on Nanotechnologies & Organic Electronics, 9-16 July 2011, Thessaloniki, Greece.
32. C. I. Kosma, D. A. Lambropoulou, T. A. Albanis, «Trimethoprim photodegradation study in natural waters using solar light simulator and sunlight experiments», 7th International Symposium MGPR "Paolo Cabras", November 9-11, 2011, Thessaloniki, Greece.
33. M.S. Tziouvalekas D. A. Lambropoulou, T. A. Albanis, « Monitoring Of Pesticides In Environmental Samples In Fields Closed To Pinios River (Central Greece)», 7th International Symposium MGPR "Paolo Cabras", November 9-11, 2011, Thessaloniki, Greece.

C5.8. Participation in National Conferences

1. Δ. Α. Λαμπροπούλου* και Τ. Α. Αλμπάνης, Προσδιορισμός υπολειμμάτων σύγχρονων βιοκτόνων, συστατικών υφαλοχρωμάτων, με τη χρήση τεχνικών SPME στα φυσικά νερά 18^ο Πανελλήνιο Συνέδριο Ενόργανης Ανάλυσης-Διαπίστευση Εργαστηρίων, Πειραιάς, 10-13 Μαρτίου 2001.
2. Δ. Α. Λαμπροπούλου* και Τ. Α. Αλμπάνης, Προσδιορισμός υπολειμμάτων ζιζανιοκτόνων σε φυσικά νερά με την τεχνική της μικροεκχύλισης στερεάς φάσης (SPME), 4^ο Συνέδριο Χημείας, Πανεπιστήμιο Ιωαννίνων Βασική & Εφαρμοσμένη Χημική Έρευνα, Ιωάννινα, 16-18 Μαΐου 2001. (Βραβείο καλύτερης αναρτημένης εργασίας).
3. Δ. Α. Λαμπροπούλου και Τ. Α. Αλμπάνης, Παράμετροι που επηρεάζουν την τεχνική της μικροεκχύλισης δια της στερεής φάσης (SPME) για τον προσδιορισμό υπολειμμάτων οργανοφωσφορικών εντομοκτόνων σε φυσικά νερά 4^ο Συνέδριο Χημείας, Πανεπιστήμιο Ιωαννίνων Βασική & Εφαρμοσμένη Χημική Έρευνα, Ιωάννινα, 16-18 Μαΐου 2001.
4. Τ.Α. Αλμπάνης*, Β.Α. Σακκάς, Ι.Κ. Δ.Α. Λαμπροπούλου, Κωνσταντίνου, Έλεγχος υπολειμμάτων σύγχρονων βιοκτόνων στο θαλάσσιο περιβάλλον της Ελλάδας 7ο Συνέδριο Χημείας Κύπρου – Ελλάδας, Λευκωσία, Κύπρος, 8-11 Νοεμβρίου 2001.
5. Δ. Α. Λαμπροπούλου, Β. Α. Σακκάς, Δ. Γ. Χελά και Τ. Α. Αλμπάνης Προσδιορισμός φυτοφαρμάκων στον Ποταμό Καλαμά (Ήπειρος) με την τεχνική της μικροεκχύλισης δια της

στερεής φάσης (SPME) – Σύγκριση SPME – SPE, 7ο Συνέδριο Χημείας Κύπρου – Ελλάδα, Λευκωσία, Κύπρος, 8-11 Νοεμβρίου 2001.

6. T. A. Αλμπάνης* και Δ. Α. Λαμπροπούλου, «Ανάπτυξη και εφαρμογή νέων αναλυτικών τεχνικών για τον προσδιορισμό υπολειμμάτων φυτοφαρμάκων και συναφών οργανικών ενώσεων στα φυσικά νερά», 7ο Συνέδριο Χημείας Κύπρου – Ελλάδα, Λευκωσία, Κύπρος, 8-11 Νοεμβρίου 2001.
7. T.A. Αλμπάνης*, Β.Α. Σακκάς, Δ.Α. Λαμπροπούλου, Ι.Κ. Κωνσταντίνου, “Έλεγχος υπολειμμάτων σύγχρονων βιοκτόνων στο θαλάσσιο περιβάλλον της Ελλάδας.” 1^ο Περιβαλλοντικό συνέδριο Μακεδονίας, Θεσσαλονίκη, 14 Μαρτίου, 2002.
8. Δ. Α. Λαμπροπούλου, Ε. Ψιλλάκη, T. Α. Αλμπάνης και Ν. Καλογεράκης, Εφαρμογή της μικροεκχύλισης σταγόνας για τον προσδιορισμό οργανοφωσφορικών εντομοκτόνων σε υδατικά δείγματα, 8^ο Συνέδριο Χημείας Ελλάδος – Κύπρου με θέμα «Χημεία, Ποιότητα Ζωής και Εκπαίδευση», Αίθουσα Τελετών ΑΠΘ, 10-13 Δεκεμβρίου 2004, Θεσσαλονίκη, 2004
9. Θ. Σακελλαρίδης, Ι. Κωνσταντίνου, Δ. Χελά, Δ. Λαμπροπούλου, Α. Δήμου, Τ. Ακριώτης, Τ. Αλμπάνης., *Επίπεδα συγκεντρώσεων οργανοχλωρισμένων παρασιτοκτόνων και πολυχλωρισμένων διφαινυλίων σε ιστούς διαφόρων ειδών υδροβίων πουλιών στην Ελλάδα - 2^ο Πανελλήνιο Συνέδριο Χημείας, Ιωάννινα, 20-24 Σεπτεμβρίου 2005.*
- 10.Θ. Σακελλαρίδης Ι.Κ. Κωνσταντίνου, Δ. Χελά, Δ.Α. Λαμπροπούλου*, Α. Δήμου, Τ. Ακριώτης και Τ.Α. Αλμπάνης, Επίπεδα συγκέντρωσης οργανοχλωρισμένων παρασιτοκτόνων και πολυχλωρισμένων διφαινυλίων σε ιστούς διάφορων ειδών υδροβίων πουλιών στην Ελλάδα, 2^ο Περιβαλλοντικό Συνέδριο Μακεδονίας, 8-12, Οκτωβρίου, Θεσσαλονίκη 2005.

Lecturer

11. Β. Μπέλεση, Δ. Λαμπροπούλου, Ι. Κωνσταντίνου, R. Zboril, J. Tucek, D. Jancic, T. Αλμπάνης και Δ. Πετρίδης. “Σύνθεση, χαρακτηρισμός και φωτοκαταλυτική δράση μαγνητικά τροποποιημένης τιτάνιας για τη διάσπαση του ζιζανιοκτόνου grorachlor” 10^ο Πανελλήνιο Συμπόσιο Κατάλυσης, Μέτσοβο, 3-4 Οκτωβρίου 2008.
12. Χ.Ι. Κοσμά, Δ.Α. Λαμπροπούλου, Τ.Α. Αλμπάνης, «Ανίχνευση Φαρμακευτικών Ουσιών από Διαφορετικές Θεραπευτικές Κατηγορίες στα Επιφανειακά Υδατα», 3ο Περιβαλλοντικό Συνέδριο Μακεδονίας, 14-17 Μαρτίου, 2008, Θεσσαλονίκη, Ελλάδα. Σελίδα 65- Προφορική Παρουσίαση.
13. Κ.Β. Καραμέτση, Δ.Α. Λαμπροπούλου, Τ.Α. Αλμπάνης Μικροεκχύλιση στερεάς φάσης και αέρια χρωματογραφία με ανιχνευτή δέσμησης ηλεκτρονίων για τον προσδιορισμό φυτοφαρμάκων σε νερα, 3ο Περιβαλλοντικό Συνέδριο Μακεδονίας, 14-17 Μαρτίου, 2008, Θεσσαλονίκη, Ελλάδα. Προφορική Παρουσίαση.
14. Ι. Β. Ζιώρης, Δ. Α. Λαμπροπούλου, Τ. Α. Αλμπάνης, Ανίχνευση υπολειμμάτων φυτοφαρμάκων σε δείγματα νερών του ποταμού Αλιακμονα, στο νομό Ημαθίας (Βόρεια Ελλάδα), με τεχνικές δίσκων εκχύλισης δια της στερεής φάσης και αέριας χρωματογραφίας, 3ο Περιβαλλοντικό Συνέδριο Μακεδονίας, 14-17 Μαρτίου, 2008, Θεσσαλονίκη, Ελλάδα. Προφορική Παρουσίαση.
15. Καλαμπόκη Γ., Λαμπροπούλου Δ., Αλμπάνης Τ. Έλεγχος υπολειμμάτων φυτοφαρμάκων σε επιφανειακά νερά του ποταμού Καλαμά (Ν.Δ. Ελλάδα), 3ο Περιβαλλοντικό Συνέδριο Μακεδονίας, 14-17 Μαρτίου, 2008, Θεσσαλονίκη, Ελλάδα. Poster.
16. Zioris V. Ioannis, Dimitra A. Lambropoulou, Triantafyllos A. Albanis, «Photocatalytic process to remove the neonicotinoid insecticide thiamethoxam from water» 3th Green Chemistry Conference Athens May 2009.
17. Λαμπροπούλου Δ., Κωνσταντίνου Ι., Αλμπάνης Τ. και Fernández-alba A., Φωτοκαταλυτική Διάσπαση του Fenhexamid σε Υδατικά Διαλύματα TiO₂: Ταυτοποίηση των Προϊόντων Διάσπασης,

CV - D. Lambropoulou

Μηχανισμοί Διάσπασης και Έλεγχος Τοξικότητας, 4^ο Περιβαλλοντικό Συνέδριο Μακεδονίας, Θεσσαλονίκη, 18-20 Μαρτίου 2011. Προφορική Παρουσίαση.

18. Χριστίνα Ι. Κοσμά, Δήμητρα Α. Λαμπροπούλου, Τριαντάφυλλος Α. Αλμπάνης, Βελτιστοποίηση της φωτοκαταλυτικής αποικοδόμησης του Trimethoprim με τη μέθοδο του πειραματικού σχεδιασμού. Προσδιορισμός παραπροϊόντων και έλεγχος Τοξικότητας, 4^ο Περιβαλλοντικό Συνέδριο Μακεδονίας, Θεσσαλονίκη, 18-20 Μαρτίου 2011. Poster.
19. Μπέλεση Β. Ρωμανός Γ., Μπούκος Ν., Λαμπροπούλου Δ. και Τράπαλης Χ., Μελέτη της κινητικής και του μηχανισμού απομάκρυνσης της χρωστικής reactive red 195 από υδατικά διαλύματα με προσρόφηση στην επιφάνεια νανοσωματιδίων TiO₂, 4^ο Περιβαλλοντικό Συνέδριο Μακεδονίας, Θεσσαλονίκη, 18-20 Μαρτίου 2011. Poster Παρουσίαση.
20. Ν. Τζήκαλος, Β. Μπέλεση και Δ. Λαμπροπούλου*, Μελέτη της Φωτοκαταλυτικής Διάσπασης της Χρωστικής Reactive Red 195 με Χρήση Καταλυτών TiO₂, 21^ο Πανελλήνιο Συνέδριο Χημείας, Θεσσαλονίκη 9-12 Δεκεμβρίου 2011, ΚΕ.Δ.Ε.Α. Α.Π.Θ. 3ης Σεπτεμβρίου Πανεπιστημιούπολη.
21. Γκρίτζαλης Κ., Καραούζας Ι., Αναστασοπούλου Ε., Γεωργιόπουλος Ν., Λαμπροπούλου Δ. 2012 *Επιδράσεις ανθρωπογενών δραστηριοτήτων στη σύσταση και αφθονία της βενθικής πανίδας στο Ποταμό Πάμισο (Μεσσηνία). 6ο Συνέδριο της Ελληνικής Οικολογικής Εταιρείας. Αθήνα, 4-7 Οκτωβρίου 2012.*

* Presentation

C.5.9. Educational textbook

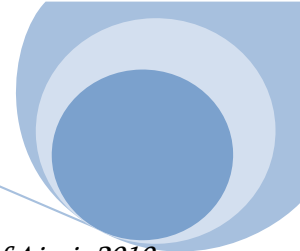
- *Triantafyllos Albanis, Theofanis Sakellarides, Ioannis Konstantinou and **Dimitra Lambropoulou**: “Lab exercise – Pollution Environmental Technology, Applied Agroecology Course, University of Ioannina, 2000.*

C5.10. Technical Reports for Research Projects

- [1]. T.A. Albanis, I.K. Konstantinou, T.M. Sakellarides, D. Lambropoulou, 2006. “The use of chemical Indicators for the assessment of ecosystem health: *state of the art*” *TWReferenceNet Interreg III B-CadSES*.

C6. PARTICIPATION IN WORKSHOPS

- Meeting for COST Action 636: Xenobiotics in the Urban Water Cycle: WG3: Impact assessment, WG4: Analytical Issues, 29-30 March 2007 in Karlsruhe (Germany), Organized by: DVGW-Technologiezentrum Wasser (TZW) and COST Action 636.
- Meeting in COST Action 636, Xenobiotics in the Urban Water Cycle, 10-12 September 2007 in Santiago de Compostela, Spain, Organized by: Department of Chemical Engineering, University Santiago de Compostela, and COST Action 636.
- Meeting in COST Action 636, Xenobiotics in the Urban Water Cycle 14-15 April 2008 in Dübendorf, Switzerland, Organized by: Eawag in Dübendorf and COST Action 636.
- Meeting in COST Action 636, Xenobiotics in the Urban Water Cycle 6-8 October 2008 in Novi Sad, Serbia, Organized by: University of Novi Sad, Faculty of Sciences, Department of Biology and Ecology and COST Action 636.
- “WASTEWATER REUSE APPLICATIONS AND CONTAMINANTS OF EMERGING CONCERN”, 13-14 September 2012, Columbia Beach Hotel, Pissouri - Limassol, Cyprus, Organized by: NORMAN Network, DARE-EU COST Action TD0803 and NIREAS-IWRC.



C7. PRESENTATIONS AND LECTURES AT SEMINARS

D. Lambropoulou, "Climate change and sustainable development", 06/03/2010, Municipality of Aiani, 2010

C8. NUMBER OF JOURNALS INVOLVED AS REVIEWER

1. *Analyst*
2. *Analytica Chimica Acta*
3. *Analytical and Bioanalytical Chemistry*
4. *Analytical Chemistry*
5. *Analytical Letters*
6. *Analytical Methods*
7. *Catalysis Today*
8. *Central European Journal of Chemistry*
9. *Chemical Engineering Journal*
10. *Chemical papers*
11. *Chemosphere*
12. *Desalination*
13. *Desalination and Water Treatment*
14. *Environment International*
15. *Environmental Pollution*
16. *Environmental Science and Technology*
17. *Environmental Technology*
18. *Fresenius Environmental Bulletin*
19. *International Environmental and Analytical Chemistry*
20. *Journal Chromatography A*
21. *Journal of AOAC International*
22. *Journal of Applied Electrochemistry*
23. *Journal of Chemical Technology & Biotechnology*
24. *Journal of Environmental Management*
25. *Journal of Environmental Monitoring*
26. *Journal of Environmental Science and Health, Part B : Pesticides, Food Contaminants, and Agricultural Wastes*
27. *Journal of Hazardous Materials*
28. *Journal of Mass Spectrometry*
29. *Journal of Separation Science*
30. *Meteorology and Atmospheric Physics*
31. *Microchimica Acta*
32. *Talanta*
33. *Water Research*
34. *Water Resources Management*
35. *Water Science and Technology*

C9. EVALUATOR IN NATIONAL AND INTERNATIONAL RESEARCH PROJECTS

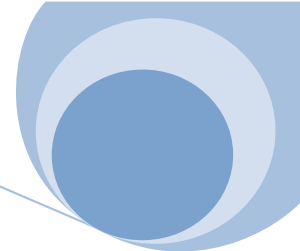
- NATIONAL FUND FOR SCIENTIFIC & TECHNOLOGICAL DEVELOPMENT (FONDECYT) - SANTIAGO-CHILE
- TECHNICAL UNIVERSITY OF CRETE

C10. PARTICIPATION IN INTERNATIONAL WORKING GROUPS AND SCIENTIFIC COMMITTEES

- [1]. Member of the organizing committee in the 1st European Conference on Pesticides and Relative Organic Micropollutants in the Environment, Ioannina, Greece, October 5-8, 2000
- [2]. Member of the organizing committee in the 2nd European Conference on Pesticides and Relative Organic Micropollutants in the Environment, Corfu, Greece, September 26-29, 2002
- [3]. Member of the organizing committee in the 3rd European Conference on Pesticides and Relative Organic Micropollutants in the Environment Chalkidiki, Greece, October 8-10, 2004.
- [4]. Member of the organizing committee 20^{ov} Hellenic Conference of Chemistry, “Chemistry: Education, Research and Applications”, Ioannina, September 20-24, 2005.
- [5]. Member of Scientific committee: *4th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 10th Symposium on the Chemistry and Fate of Modern Pesticides 26th-29th November, Almeria, Spain, 2006.*
- [6]. Member of the Management Committee, *COST Action 636 XENOBIOTICS IN THE URBAN WATER CYCLE (14/03/2005 - 13/03/2009).*
- [7]. Member of Scientific committee: *International Conference on Xenobiotics in the Urban Water Cycle ((XENOWAC), 11-13 March, 2009, Paphos, Cyprus.*
- [8]. Member of Scientific committee: *4^p Environmental Macedonia Conference, Thessaloniki, March 18-20, 2011.*
- [9]. Member of the Scientific committee: *7th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 13th Symposium on the Chemistry and Fate of Modern Pesticides October 7-10, Porto, Portugal, 2012.*

C11. PARTICIPATION IN SCIENTIFIC ASSOCIATIONS

- Member of Greek Chemists Association since November 1996.
- Member of the «European-Mediterranean Association of Environmental Education, Assessment and Protection” (ENEAP) since 2002.



C12. - UNIVERSITY ADMINISTRATIVE EXPERIENCE -AT THE ARISTOTLE UNIVERSITY OF THESSALONIKI (AUTH)

01/09/2010 to present	Member of the General Assembly of the Department of chemistry, Aristotle University of Thessaloniki
12-11-2010 – to present	Member of the Committee on Social and Health Policy at the Aristotle University of Thessaloniki
2010 to present	Responsible waste Management Department of Chemistry Laboratory of the ARISTOTLE UNIVERSITY of THESSALONIKI
12-11-2010 to present	Member of Epitropiss Sport-School culture and student welfare Science (of SCHOOL of SCIENCES), Aristotle University of Thessaloniki
01/09/2011 to present	A member of the Senate of the Aristotle University of Thessaloniki, as a Representative of Lecturers, Department of Chemistry
1-10-2011 to present	Member of the Commission for Integrated Environmental Management of the Aristotle University of Thessaloniki
2010 to present	Coordinator of Laboratory Waste Management System, Aristotle University of Thessaloniki (AUTH) in collaboration with the Environment Office of AUTH

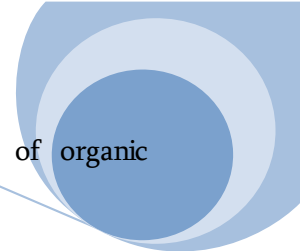
C13. OTHER ACTIVITIES

2004 - 2008	Representative of the Ioannina University (substitute member) at Advisory Committee on Toxic and hazardous waste Management and PCB's of the Prefecture of Ioannina
2004 - 2008	Member of toxic waste management Committee of the Department of chemistry, University of Ioannina
2004 - 2008	Member of the Committee Seminars and health and Safety Consultants of laboratories of the Department of chemistry, University of Ioannina
2004 - 2008	Member of the Management Committee of website of the Department of chemistry, University of Ioannina
2010 to present	Content Manager and Web Manager of the website for the Laboratory Waste Management of the Department of Chemistry, Aristotle University of Thessaloniki (http://chem-deax.web.auth.gr/index.html)
2011 to present	Content Manager and Web Manager of the website for the Laboratory Waste Management of Aristotle University of Thessaloniki (Auth) (http://dea.auth.gr/

PART D. SIGNIFICANT RESEARCH ACHIEVEMENTS IN THE LAST 10 YEARS (PUBLICATIONS, INVITED TALKS, PATENTS, AWARDS ETC)

Dr. D. Lambropoulou, is an Associate Professor on Environmental Chemistry in the Environmental Pollution Control Laboratory, Department of Chemistry, Aristotle University of Thessaloniki (AUTH). She graduated in Chemistry at the University of Ioannina, Greece in 1996 and received her PhD in Environmental Sciences. At the same University in 2002 presenting a dissertation concerning the development of innovative analytical methods using GC and LC chromatography in several application fields, including environmental analysis and food analysis for the determination of Emerging Contaminants and other micropollutants such as pesticides, PCBs, endocrine disrupting compounds, pharmaceuticals etc. **During her PhD research, she developed and validated analytical methods for the determination of different class of pesticides in environmental samples by using the solid-phase microextraction technique (SPME).** As a post-doc at the Lab of Environmental Technology (until December 2008), she was using her experience on different environmental research fields. From 2002 until 2008 she was guided the toxic and lab waste management at the University of Ioannina. Now she participates in the Environmental Committee of the AUTH and she guides the toxic and lab waste management in the University. **She employs as external assessor and expert in the Hellenic Accreditation System S.A., which has the distinctive title "ESYD".** She has a special knowledge on accreditation (ISO 17025), validation of techniques, uncertainty and quality control data as well as on related regulations and documents. She participates as teacher in graduated and post graduated studies of Dep. of Chemistry. She also participates as teacher in post graduate studies of **Hellenic Open University**. She currently supervises **3 PhD and 10 Master students (23 Master thesis completed)**. Her research activity is mainly devoted to the chromatographic mass spectrometric on identification and analysis of environmental pollutants and to the development of novel analytical methodologies **focusing on microextraction techniques, such as solid phase microextraction, Liquid phase microextraction, single drop microextraction etc.** She is one of the pioneers in the development of microextraction techniques and among the first scientists in Greece in the development of SPME. During her PhD, she published more than **13** papers dedicated on SPME of pesticides and other micropollutants whereas **10** more were published until now focused on new microextraction concepts. Currently, she continues to add a research-oriented flair to improve microextraction tools used of extraction of organic micropollutants. Taking into consideration the importance of material science and technology in chemistry she has broadened her research horizons learning more about material design, synthesis, characterization, process techniques, manufacturing tools, etc and she has dedicated in preparation and characterization techniques for synthesis of adsorbent and semiconductor materials. Her vision is to advance existing knowledge & make major fundamental advances in production of multifunctional nanomaterials as new products in the fields of sorptive ME techniques and heterogeneous photocatalysis. Since 2007, more than 10 papers she has been published, whereas 3 PhD Thesis of her students has been conducted in the field of material science. Currently, two other students are dedicated on the extraction of organic pollutants by using novel sorbents. Advanced Mass Spectrometry Techniques such as High Resolution Mass Spectrometry is rapidly becoming an important field of study in the scientific community due to the urgent need to address many environmental problems with regard to identification and occurrence of micropollutants in the environment. In this view, her research interests the last 10 years include developing novel mass spectrometry (MS)-based tools including elucidation/identification strategies (suspect, no-target screening) for functional discovery of ECs and their metabolites/Transformation Products and for quantitative determination in environmental samples. Her recent research activities include fate, effects and risks of ECs in the Environment. She has published more than **108 scientific research papers** and **10 invited review** in high-impact international peer-reviewed scientific journals (e.g. TrAC - Trends in Anal. Chem., Sci. Total Environ., J. Chromatogr. A, Chemosphere, Hazard. Mater., Appl. Catal B: Environ., etc.), and **14 chapters in scientific books (Total 132 publications)** that have received more than **4679** citations in ISI; **4280** excluding self-citations (Scopus 20/01/2020) and has an **H-index=40**. She has been participating in more than **45** national and European research projects. She was PI-investigator for a number of research

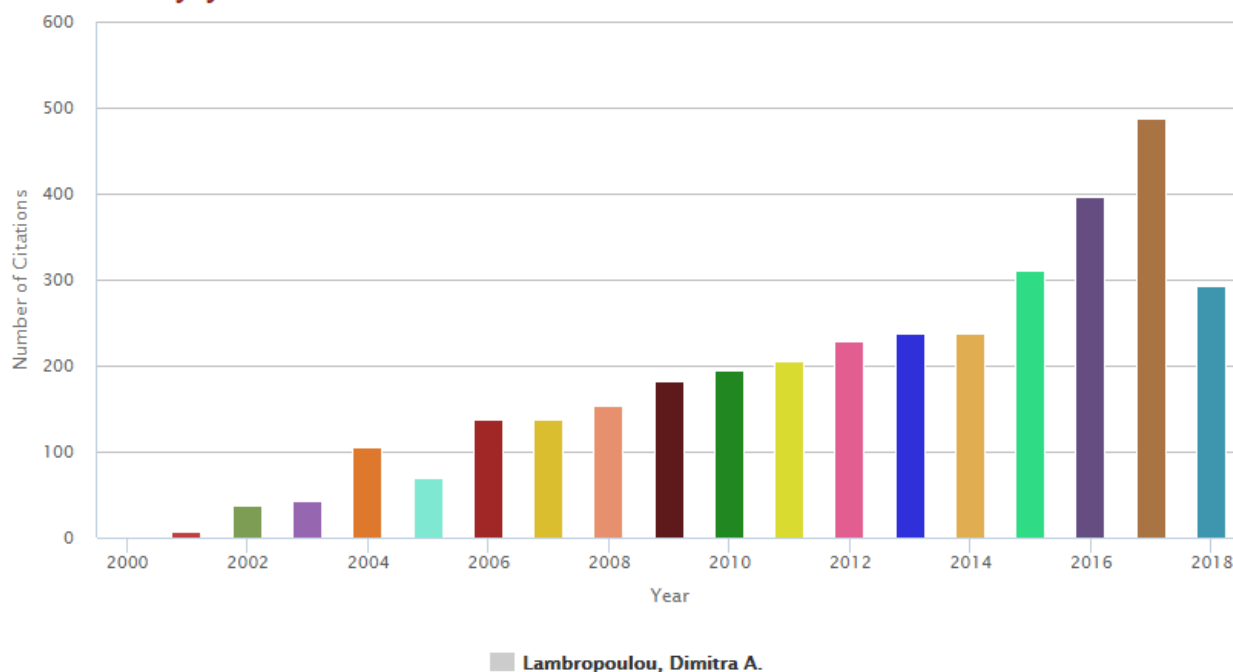
projects (8) related to analysis, structure elucidation, monitoring, fate and toxicity of organic micropollutants. She is in the Editorial Board of the journal **Science of Total Environment**.



PART E. CITATIONS IN THE PUBLISHED WORK

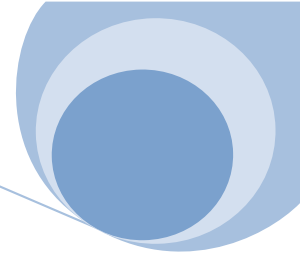
E1. CITATIONS OF THE PUBLISHED WORK

Citations by year



Note: Scopus is in progress of updating pre-1996 cited references going back to 1970. Pre-1996 citation counts might increase over time.

CITATIONS : 4679



E2. PUBLICATION *h* INDEX

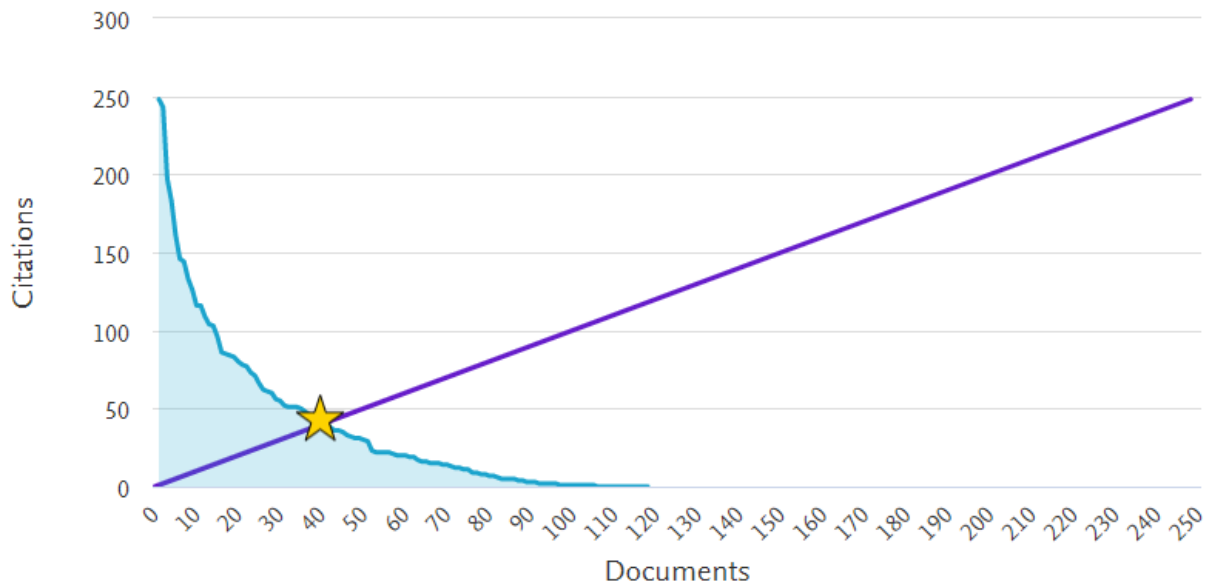
h Graph (This is a *h*-graph for a set of 4 documents.

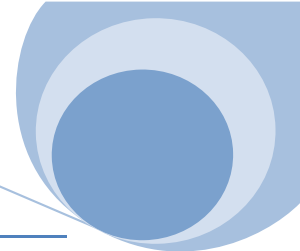
The *h*-graph measures the impact of a set of articles and shows the number of citations per document).

These documents *h*-index

40

Of the documents considered for the *h*-index, 40 have been cited at least 40 times





E5. SUMMARY OF ACHIEVEMENTS OF THE SCIENTIFIC AND ACADEMIC WORK

Number of research projects as Principal Investigator	: 15 (since 2009)
Number of research projects as Collaborator	: 30 (since 1998)
Number of papers published in peer-reviewed journals	: 83
Number of reviews published in peer-reviewed journals	: 8
Number of invited chapters in books	: 14
Number of Citations (Scopus – 09.01.18)	: 3340
Publication <i>h</i> Factor	: 35
Mean impact factor of Journals ISI	: 3.478
Lessons in Studies of the Dep. of Chemistry (Number/Years)	: 5/9
Lessons in Post Grad. Studies of (Number/Years)	: 4/
Supervision of PhD Theses	: 5 (in progress)
Supervision of MSc Theses	: 8 (21 completed)
Member of Consultant Committee for PhD Theses	: 6 (2 completed)
Member of Evaluation Committee for PhD Theses	: 15
Member of Evaluation Committee for Masters Theses	: 26
Supervision of student's scientific work	: 17 (10 completed)
Number of publications in International Conferences	: 131
Number of publications in National Conferences	: 34
Number of journals involved as reviewer	: 53
Member of conference scientific committees	: 6
Member of conference organizing committees	: 5