
CURRICULUM VITAE


PERSONAL INFORMATION



FIRST NAME: MARIA
LAST NAME: TSAKONA
Date of Birth: 24/04/1980
Nationality: Greek
Civil Status: Single

CONTACT INFORMATION

 Papanikoli 7,151 27, Melissa, Athens, Greece

 +30 6945 35 34 58

 mariatsakona@hotmail.com

1. EDUCATION & TRAINING

Institution (Date from - Date to)	Degree(s) or Diploma(s) obtained:
Technical University of Crete, Greece, Department of Environmental Engineers [2004- 2007]	M.Sc. in Health and Environmental Engineering Degree 9.25/10
Technical University of Crete, Greece, Department of Environmental Engineers [1999- 2004]	B.Sc in Environmental Engineering Degree 9.21/10
National and Kapodistrian University of Athens [Oct. 2014- March 2015]	Certificate of Specialized Training: "Human Resources Development" and learning of Singular Logic HCM software
Agricultural University of Athens [2017-present]	Following a PhD program

2. MEMBERSHIP OF PROFESSIONAL BODIES

Member of the Technical Chamber of Greece (since 5/2005), and Member of the International Solid Waste Association. Researcher of the ISWA Task Force on Marine Litter

3. PRESENT STATUS

Product Manager at D-Waste Hellas Ltd and Freelancer

Class A' Consultants' Degree from the Greek Ministry for the Environment, Physical Planning and Public Works, for the categories 13 (studies for hydraulic works) and 27 (environmental studies)

4. KEY QUALIFICATIONS

10 years experience in the field of environmental protection and in Solid Waste Management Projects and Design and specifically in:

- Feasibility and Environmental impact assessment studies.
- Integrated waste planning and strategies at local, regional and national level.
- Experience on specific waste streams: infectious waste, bulky green waste, biowaste, Special waste management (Infectious Waste etc).
- Sustainable waste management planning (recycling, source reduction and reuse) for enterprises (e.g. hospitality industry) and municipalities based on the principles of circular economy.
- Familiarity with solid waste treatment technologies (anaerobic digestion / composting/ WtE/biodrying/ MBTs).
- Participation in European funded and research projects, Life, FP7.
- Technical Proposals for waste management competitions and EU programs (Life, Horizon 2020).
- Very good knowledge of Greek and European Waste Management Law.
- Familiarity on applying new technologies (mobile applications, sensors, etc.) in environmental management as well as in communication campaigns.
- Familiarity with circular economy policies in waste management.
- Experience marine litter.
- Experience in conducting training seminars - Preparing and conducting seminars for business personnel and municipalities.

5. PROFESSIONAL EXPERIENCE / MAIN PROJECTS

Date from - Date to	Location	Company	Position/Work Undertaken	Project Title
2017-2018	EU	Agricultural University of Athens	Conduct Life-cycle analysis and techno-economic analysis of proposed processes	Sustainability Transition Assessment and Research of Bio-based Products-STAR-ProBio – Horizon 2020 Proposal Number: 727740-2
2017	Austria	ISWA	Research on marine litter land based sources, hotspots and transport mechanisms	Consultancy work under the ISWA Marine Litter Task Force Projects- Development of an interim report, final overarching report and ISWA White Paper
2017	Greece	Grundfos Hellas SA	Update ISO 14001: 2015	Update ISO 14001: 2015 of Grundfos Hellas SA company
2017	Greece	Hilton Athens	Define the waste management baseline and prepare a technoeconomic study under the title “sustainable implementation of Hilton Athens waste management strategy”	Sustainable Implementation of Hilton Athens Waste Management Strategy
2017	Greece	Eco-Recycling SA	Conduct the relevant study and undertake all necessary communications with Ministry of Environment.	Licensing the activity of hospital waste collection and transportation of the company in Greece
2017	Greece	TIERRA	Conduct Market Analysis	Market Analysis of the Waste Management Sector in Greece on behalf of the company
2017	Greece	EPEM SA/D-WASTE	Prepare Assessment Recycling Performance Reports for Greece and Cyprus	Early Warning Mechanism project to assess performance against the 2020 recycling target
2016-2017	Greece	EPEM SA	Member of the project team - Prepare Assessment Reports	Identification and Assessment of the hazardousness of polluted sites by industrial and hazardous waste at the Regions of Attica and the Prefectures of Thessaloniki, Viotia, Evia, Kozani, Achaia, Heraklio, Magnisia, Kavala & Chalkidiki.
2016-2017	Croatia	EPEM SA	Develop Local Plans	Strengthening the capacities of ministry of Environment and Nature Protection for Climate Change Adaptation and preparation of Climate Change Adaptation Strategy- Developing Local Plans for Climate Change mitigation by 2020.
2016-2017	Greece	EPEM	Conduct Environmental Impact Assessment (EIA)	Study for the expansion of the Kavala Landfill
2016-2017	Greece	D-WASTE	Conduct Business plan	Business Plan: Reuse and Recycling Center at Hersonissos, Creta.
2016-2017	EU	ISWA	Comprehensive and authoritative review of the literature on the organisations and initiatives around marine litter, with substantial information for each of them, and in detail analysis of those that are focus or contain elements that focus on the relationship of waste and resources management with marine litter.	Marine Litter: Mapping Existing Global Initiatives & Organizations.

Date from - Date to	Location	Company	Position/Work Undertaken	Project Title
			Information will be clearly presented in tabulated formats, graphs, info graphics as required.	
2016-2017	Greece	Eco-Recycling SA	Conduct the relevant study and undertake all necessary communications with regional authorities.	Licensing the activity of waste collection and transportation of non-hazardous solid waste in the following Regions: Peloponnese, Central Macedonia, West Macedonia, Thessaly, West Greece, Crete, Sterea Ellada, Hepiros and Ionion Nison.
2016	Brazil	D-Waste	Prepare the Guide.	Development of an orientation guide for energy recovery from solid waste on behalf of the National Confederation of Industry of Brazil.
2016	Greece	SKEPSIS LTD	Support the Regional Union of Attica Municipalities to form the initial proposal for the Sustainable Development of the Island Municipalities of Attica- Axis: solid waste management.	Support the Regional Union of Attica Municipalities to form the initial proposal for the Sustainable Development of the Island Municipalities of Attica.
2015-2016	Greece	EPEM SA	Member of the project team.	Technical Advisor for Updating the Regional Waste Management Plan of South Aegean region in view of the Programming Period 2014-2020.
2015- 2016	Greece	EPEM SA	Member of the project team and Project Management.	Review of the Regional Solid Waste Management Plan of Central Macedonia and Strategic Environmental Assessment (SEA).
2015-2016	Greece	GREEN EARTH	Identify sources, types and quantities of waste generated in the hotel – Prepare a feasibility study and conduct seminar.	Implementation of an integrated waste management system at Creta Maris Beach Resort, Hersonissos, Crete.
2015	Greece	GREEN EARTH	Identify sources, types and quantities of waste generated in the hotel – Prepare a feasibility study and conduct seminar.	"Waste management at the Pilot Beach Resort, Georgioupolis, Chania".
2015	Greece	D-Waste	Member of the project team and Project Management.	Sparta Municipal Waste Management Plan.
2015	Greece	D-Waste	Member of the project team.	Conduct diagnostic scenarios for the utilization of the landfill gas at Larisa Landfill site.
2014-2015	Greece	D-Waste	Member of the project team. Providing the concept and content of the applications as well as providing waste management and recycling expertise.	Mobile applications for waste management –recycling.
2014-2015	Greece	D-Waste	Prepare the Reports.	Support the company on conducting the following reports: <ul style="list-style-type: none"> • The Planning Challenge, A road map for waste management planners • Mobile Applications & Waste Management: Recycling, Personal Behavior and Logistics, • Waste Atlas, The World's 50 biggest dumpsites

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2014-2015	Turkey	EPEM SA	Create Environmental Monitoring Indicators for the monitoring of the Construction and Operation phase of the project.	"Technical Assistance and supervision of the Solid Waste Management project Balikesir" (EuropeAid 129944/D/SER/TR).
2014-present	EU	D-Waste	Create assessment indicators of solid waste collection systems and supporting the project team. Furthermore, prepare the Dissemination Plans and Local Action Plan.	Efficient and sustainable waste management methodologies using ICT tools enabling GHG emissions reduction. LIFE EWAS LIFE13 ENV/ES/000725 - Action B1.
2014-2015	EU	EPEM SA	Member of the project team.	MARSOL-FP7 ENV 2013 –WATER – INNO-DEMO, (Grant Agreement No 619120) WP15: Water to Market Financial & Economic Analysis of MAR Solutions.
2014-2015	Kosovo	EPEM SA	Inventory and evaluation of the current situation in Kosovo	Kosovo – Waste Management Sector Assessment, Sector development plan and pre-feasibility studies.
2013-2014	MENA Region	D-Waste	Preparation of solid waste management profiles of the countries of Middle East and North Africa.	Regional network for integrated waste management in MENA Region – GIZ/Sweep- Net.
2011--2012	Greece	EPEM SA	Conduct Environmental Study	Drawing up management plans for the river basins and water districts of Thessaly, Epirus and Western Sterea Ellada
2010-2011	Roumania	EPEM SA	Prepare dumpsites' rehabilitation draws and involved in the conduction of the Environmental Impact Assessment Study.	Support for AMPOS Medium (Management Authority of Sectoral Operational Programe Environment for preparing the financed projects portfolio through Axis 2 from POS Medium (SOENV).
2010-2012	Greece	EPEM SA	Member of the project team.	Waste management options for controlling greenhouse gas emissions (Waste C-Control) Action 6 -Life 09ENV62 / 000294.
2010-2012	Greece	EPEM SA	Communication and dissemination of the objectives and results of the project (Action 8) & Participation in the drafting of sections of the project Reports (Initial, Interim and Final).	"Development of local plans to tackle climate change by 2020 (CLIM-local 2020) –Action 8.
2010	Greece	EPEM SA	Conduct Prefeasibility Study- Collection of environmental parameters.	Preliminary Environmental Impact Assessment of Landfill Expansion 12th Waste Region of Crete within the framework of the study " Agreement for the development of maturation studies of the landfill of the 12th Waste Region of Crete.
2010	Greece	EPEM SA	Conduct Environmental Impact Assessment	Study of interventions and implementation of measures and policies for the Environmental Upgrading of Nea Smyrni.
2009	Greece	EPEM SA	Conduct Environmental Impact Assessment	Environmental Impact Assessment for the Roadway of Ilia
2009	Greece	EPEM SA	Member of the project team.	Environmental Study for Coastal Road of Ilia Region.

Date from - Date to	Location	Company	Position/Work Undertaken	Project Title
2009	Greece	Municipal Enterprise for Water & Sewage of Chania	Provide consultation on licensing water consumption and relative constructions. Check current electronic drawings.	Environmental Consultation for licensing water consumption and relative constructions. Check Methanological, Electrical -Architectural Drawings of the WWTP of Chania- Networks and Water Supply Sewerage.
2009	Greece	OIKOM	Collection of Environmental data	Environmental Study for the protected area under the NATURA 2000 network: islands of Gavdos- Gavdopoula (GR4340023) Region of Crete
2009	Greece	EDAFOMICHANIKI	Conduct Environmental Impact Assessment	EIA studies for the rehabilitation of quarries and the construction of water drills.
2008-2009	Greece	VIRIRAKIS	Prepare Architectural drawings and Topographic maps	Prepare Architectural drawings and Topographic maps
2008	Greece	Municipal Enterprise for Water & Sewage of Chania	Designer	Prepare electronic Methanological, Electrical -Architectural Drawings of the WWTP of Chania- Networks and Water Supply Sewerage.
2006-2007	Greece	Technical University of Crete	Professor's assistant.	Conducting laboratory and examination work during the spring semester of the academic year 2006-2007 as a laboratory assistant and teaching exercises and writing notes of the laboratory course " Thermal Process Solid Waste -8 th semester".
2006-2007	Greece	Technical University of Crete	Professor's assistant.	Conducting laboratory and examination work during the fall semester of the academic year 2006-2007 as a laboratory assistant and teaching exercises of the Course "Environmental Thermodynamics "-5th semester.
2005	Greece	Municipal Enterprise for Water & Sewage of Chania & Municipal Enterprise of Solid Waste Management of Chania	Conduct the study.	Investigation of the potential of Co-composting sewage sludge of the waste water treatment plant of Chania along with the organic matter of municipal solid waste solid.
2003-2004	Greece	Technical University of Crete	Conduct the study.	Management of Hospital Waste of the General Hospital of Chania.
2003	Denmark	Haldor Topsoe A/S,	Undergraduate summer practice.	Research on catalytic flue gas cleaning technology for Solid Waste Combustion Units.
2002	Greece	Municipal Enterprise for Water & Sewage of Kalamata	Undergraduate summer practice	Analyses of samples from the biological treatment plant and the coastal monitoring program of the Municipal Enterprise for Water & Sewage of Kalamata.

6. OTHER PARTNERSHIPS

- ⇒ Special Consultant of the Minister of Development, Virvidakis Kyriakos, who was responsible for the National Strategic Reference Framework 2007 - 2013 and Coordinator of Solid Waste Management in Greece.(2013)
- ⇒ Technical Consultant of the “Green Key” in Greece led by the Hellenic Society of Protection of Nature (2015)

7. PERSONAL SKILLS

Mother tongue(s) Greek

Other Languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken Interaction	Spoken Production	
English	C2	C2	C2	C2	C2

CERTIFICATE OF PROFICIENCY IN ENGLISH of MICHIGAN UNIVERSITY

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills Good communication skills gained through representing D-Waste company at international conferences and business meetings since 2012.

Organisational /Managerial Skills

- Good managerial skills gained by taking overall responsibility for the successful initiation, planning, design, execution, monitoring, controlling and closure of several projects. Usually managing teams of 6-7 individuals.

Other skills

- Works well independently and as a team member
- Ability to manage multiple projects and tasks concurrently
- Ability to complete tasks without supervision
- Ability to work accurately and be attentive to detail
- Positive Attitude
- Self-motivated; shows a high level of initiative
- Strong Communication Skills
- Ability to connect scientific research with practice

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient User	Proficient User	Proficient User	Independent User	Independent User

Levels: Basic user - Independent user - Proficient user

[Digital competences - Self-assessment grid](#)

- Good command of MS Office (Word, Excel, PowerPoint, MS Project)
- Previous experience in AutoCAD 3D Civil,
- Previous experience in GIS (ArcMap), SuperPro Designer Vo.5
- Basic knowledge in image processing

Other skills Good presentation skills

Driving License: B (EU)

8. ADDITIONAL INFORMATION

Conferences, Workshops and Study Tours Attending

- Sardinia 2005, "10th International Waste Management and Landfill Symposium" Sardinia Italy (03/11 –07/11/2005)
- Tenerife, «WSEAS Conference» ,2007
- Hannover, Germany, "International ASA Recycling Days" 29 Feb.-2 Mar. 2012, <http://www.sweep-net.org/node/485>
- Singapore, "ISWA Working Group for Hazardous Waste", 24-26 April 2012, www.iswa.org
- Munich, Germany, IFAT ENTSORGA, 7- 11 May 2012, <http://www.ifat.de/>
- Florence, Italy, "ISWA World Solid Waste Congress", 17 -19 Sept. 2012
- Osaka, Japan, "Global Partnership on Waste Management-Biennium Conference."-UNEP, 5-6 Nov. 2012, www.unep.org
- New York, USA, "Clinton Global Initiative Winter 2013 Meeting", 20 Feb. 2013, <http://www.clintonglobalinitiative.org/>
- Leeds, UK, "Complex Value Optimisation for Resource Recovery – NERC RRfW Catalyst Project", 29 Jul 2013 & 17-19 Sept 2013
- Montego Bay, Jamaica, "2nd Global Conference on Land-Ocean Connections -UNEP", 3-4 Oct 2013, www.unep.org
- Vienna, Austria, "ISWA World Congress 2013", 7-9 Oct 2013, www.iswa.org
- North Italy, "Study Tour –Food Waste Management in Italy", 4-7 Nov 2013
- Munich, Germany, IFAT ENTSORGA, May, 2014, <http://www.ifat.de/>
- Izmir, Turkey, PERSEUS Project "Blue growth for Green Cities: Documenting anthropogenic impacts and suggesting policy options"– Izmir, Turkey, 8-10 May 2014

- Barcelona, Spain, "Study Tour- Ecoparcks 1,2,3 & 4", 4-7 Nov 2014
- Gothenburg, Sweden, "Study Tour at Gothenburg reuse and recycling center» 15-16 Jan 2015
- Stockholm, Sweden, Greekland Panorama, Seminar on hotel's waste management organized by the Green Key, 13-14 Feb. 2015
- Antwerp, Belgium, "ISWA World Congress 2015", 7 -9 Sept. 2015 & Study tour at WEEE treatment plant
- Porto, Portugal, "Study Tour at the waste management facilities of Lipor" 21-22 Mar. 2016
- Tel Aviv, Israel, "Working Group ISWA on Waste Prevention", 14 Apr. 2016
- Munich, Germany, IFAT, May, 2016, <http://www.ifat.de/>
- Novi- Sad, Serbia, "ISWA World Congress 2016", 19 -21 Σεπτεμβρίου 2016
- Brussels, Belgium, «Measures to Prevent Marine Plastics – A Call for Action», Eunomia, 29 September, 2016
- Brussels, Belgium,«The Future of Waste to Energy», ESWET, 9 February, 2017
- Seville, Spain, EWAS Life Project- workshop, 20-21 February 2017
- Tel Aviv, Israel, RDF Grad Opening – Hiriya Recycling Park, 27-29 March, 2017
- Also a number of Conferences regarding Waste Management in Greece

Publications

- M. Tsakona, E. Gidaracos, 2006, Co-composting of Sewage Sludge with the Organic Fraction of Municipal Waste, "Small Scale Sewage Treatment Units", Portaria, Greece,
- M. Tsakona, E. Anagnostopoulou, E. Gidaracos, 2007, Hospital waste management and toxicity evaluation: A case study, Cal Recovery, California, USA, Volume 27, Issue 7, Pages 912-920
- M. Tsakona, V. Gekas, 2007, Desertification in Crete and the effect of global warming, Statistics and computing, 7, pp. 75-81
- A. Mavropoulos, M. Tsakona, A. Anthouli, 2015, Urban Waste Management and the Mobile Challenge, Journal Waste Management and Research, April 2015 vol. 33 no. 4 381-387
- M. Tsakona, Al. Mavropoulos, 2015, Zero Waste Hotels: Challenges & Opportunities The Greek Case, Proceedings of the 3rd International conference on Sustainable Solid Waste Management, 2-4 July 2015, Tinos Island Greece
- A. Mavropoulos, C. Velis, N. Mavropoulou, M. Tsakona, 2015, Identification of the world's 50 biggest dumpsites, Accepted paper for presentation at the 15th International Waste Management & Landfill Symposium, Sardinia 2015
- G. Stengos, S.T. Ponis, A. Maroutas, E. Freri, A. Bourtsalas and M. Tsakona, Incentivized Municipality Recycling: Perceptions, Motives and Preferred Reward Schemes, Accepted paper for presentation at the 5th International Conference on Sustainable Solid Waste Management, Athens 2017
- M. Tsakona & C. Velis, The Role of Global Marine Litter Initiatives & Organisations in Tackling Marine Litter, Accepted paper for presentation at the 5th International Conference on Sustainable Solid Waste Management, Athens 2017
- M. Tsakona, N. Mavropoulou, M.J. Sora, J. A. Morales Sánchez Setting Up Municipal Local Action Plans for Waste Management Involving the Use of ICT Tools Accepted paper for presentation at the 5th International Conference on Sustainable Solid Waste Management, Athens 2017

Velis C., Lerpiniere D., Tsakona M. (2017), How to prevent marine plastic litter - now! An ISWA facilitated partnership to prevent marine litter, with a global call to action for investing in sustainable waste and resources management worldwide. Report prepared on behalf of the International Solid Waste Association (ISWA). An output of ISWA Marine Litter Task Force. ISWA September 2017. Vienna, pp.75 Obtain from: <http://marinelitter.iswa.org/marine-task-forcereport-2017/>