

PERSONAL INFORMATION

Pr. Efthimios Zervas



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Sex Male | Date of birth 21/12/1966 | Nationality Greek-French

WORK EXPERIENCE

10/2018-today

Professor

Director of the MSc Programmes

“Environmental Design”

“Environmental Design of Infrastructure Works”

“Environmental Design of Cities and Buildings”

Director of the Laboratory of Technology and Policy of Energy and Environment

**Hellenic Open University, Patra – Greece**

- Control of pollutants emitted from combustion systems
- Emissions of regulated and specific pollutants from combustion systems
- Development of analytical methods for the analysis of specific gaseous pollutants
- Analysis of emissions of e-cigarettes, conventional cigarettes and heated tobacco products
- Analysis of e-cigarettes refilling liquids
- Toxicology of components and emissions of tobacco products
- Air pollution
- Emission regulations
- Energy and environmental opinion and policy
- Climate change
- Political Ecology

Business or sector Academic

09/2013-10/2018

Associate Professor

Director of the MSc Programmes

“Environmental Design”

“Environmental Design of Infrastructure Works” (from 2017-18)

“Environmental Design of Cities and Buildings” (from 2017-18)

Director of the Laboratory of Technology and Policy of Energy and Environment

**Hellenic Open University, Patra – Greece**

- As in the current position

Business or sector Academic

09/2009-08/2013

Assistant Professor

Coordinator of several thematic units of the MSc programme “Environmental Design of Infrastructure Works”

**Hellenic Open University, Patra – Greece**

- As in the previous position

Business or sector Academic

- 09/2006-08/2009 **Assistant Professor**  
**Democritus University of Thrace, Xanthi –Greece**  
▪ Analysis and control of regulated and specific pollutants from combustion systems  
▪ Alternative fuels  
▪ Emission regulations  
▪ Air pollution  
▪ Energy and environmental policy  
▪ Climate change  
[Business or sector](#) Academic
- 09/2005-08/2006 **Researcher**  
**CPERI/CERTH, Thessaloniki - Greece**  
▪ Control of nano-particles emissions  
[Business or sector](#) Research Centre
- 09/1999-08/2005 **Project Leader in the field of exhaust emissions analysis and control**  
**Renault, Paris – France**  
▪ Emission control of new diesel engines  
▪ Technical regulations  
▪ Methodology for after-treatment control  
▪ Emission of nano-particles and non-regulated pollutants  
▪ Emissions of specific pollutants of diesel engines  
▪ Odour determination of exhaust gas  
▪ Hybride vehicles  
[Business or sector](#) Automotive sector
- 09/1998-08/1999 **Assistant Professor**  
**Ecole de Mines de Nantes, Nantes - France**  
▪ Study of combustion and emission control of natural gas-feed spark ignition engines  
▪ Development of analytical methods for the analysis of specific pollutants (organic acids, hydrocarbons)  
[Business or sector](#) Academic
- 10/1992-06/1996 **Research Assistant (during the PhD)**  
**Institut Français du Pétrole (IFP), Paris – France**  
▪ Study of the formation mechanisms of the specific pollutants emitted from internal combustion engines  
▪ Development of analytical methods for the analysis of specific pollutants  
▪ Study of the relationships between fuel composition and pollutants emission  
[Business or sector](#) Research Centre
- 02/1992-08/1992 **Research Assistant**  
**TOTAL Exploration Production, Paris – France**  
▪ Study of elastic propagation of seismic waves  
[Business or sector](#) Oil sector
- 10/1990-09/1991 **Research Assistant (during the MSc)**  
**Institut Français du Pétrole (IFP), Paris - France**  
▪ Study of the isomerisation of the C<sub>8</sub> aromatic cup on catalysts based on zeolites  
▪ Development of analytical methods for the analysis of hydrocarbons  
▪ Development of catalysts for the isomerisation of the C<sub>8</sub> aromatic cup  
[Business or sector](#) Research Centre

09/1989-09/1990

**Research and Teaching Assistant****Department of Chemical Engineering, University of Patra, Patra - Greece**

- Study of the catalytic coupling of methane
- Development of analytical methods for the analysis of low molecular mass hydrocarbons
- Development of catalysts for the coupling of methane

**Business or sector** Academic Sector**OTHER PROFESSIONAL POSITIONS**

09/2017-today (end of mandate at 2022)

**Member of Experts Working Group “Tobacco and Vaping Products”****ANSES (French Agency for Food, Environmental and Occupational Health & Safety), Paris - France**

Assessment of the risks associated with substances (composition, emissions) from tobacco products and related products (electronic cigarettes, refill cartridges, herbal products for smoking) in the regulatory context of Directive 2014/40/EU

**Business or sector** Governmental Agency

06/2017-today (end of mandate at 2022)

**Chair of the Independent Advisory Panel on characterising flavours in tobacco products (Vice-Chair from 06-2017 to 03-2019)****European Commission**

- The panel is tasked with issuing opinions on whether a tobacco product has a characterising flavour.
- The panel should also further specify and update, as appropriate, the methodology for the technical assessment of products as set out in Commission Implementing Decision (EU) 2016/786.
- The Commission may consult the panel on other matters relating to the assessment of characterising flavours.

**Business or sector** International Organization

03/2017-today

**Member of the working group on Smart Cities****ELOT (Greek Standardization Organisation)**

Adaptation of the ISO/TC 268 “Sustainable cities and communities” to Greece

**Business or sector** National Organization

09/2018-12/2020

**Member of the Experts Working Group for the analysis of the tobacco industry files for the 15 priority additives****RIVM (National Institute for Public Health and the Environment), Bilthoven- The Netherlands**

- Analysis of the files submitted from the tobacco industry for the 15 priority tobacco additives in the framework of the work package 9 of Joint Action on Tobacco Control. Assessment and verification of the smoke chemistry, pyrolysis products, toxicology and health risks.

**Business or sector** Governmental Agency

12/2017-12/2020

**Member of the European Joint Action on Tobacco Control****European Commission**

- Through Hellenic Thoracic Society
- Participation in different tasks of this project

**Business or sector** International Organization**RECENT ACHIEVEMENTS IN THE FIELD OF TOBACCO**

- Grant of Hellenic Thoracic Society for the study of the emissions of e-cigarettes
- Grant of Hellenic Thoracic Society for the study of the emissions of heated tobacco products
- 5/5 stars for a presentation during the 2015 ERS Congress (about 600-800 votes)

## EDUCATION AND TRAINING

- 1992-1996 **PhD of Chemistry, Physical Chemistry**  
**Institut Français du Pétrole (IFP) and University of Haute Alsace - France**  
 Thesis: «Study of the formation mechanisms of the specific pollutants emitted from internal combustion engines»
- 1991-1991 **MSc of Oil Sciences**  
**Ecole Nationale du Pétrole et des Moteurs (ENSPM) and University Paris VI - France**  
 Thesis: «Isomerisation of the C<sub>8</sub> aromatic cup on catalysts based on mordenite»
- 1984-1989 **Diploma of Chemical Engineering**  
**National Technical University of Athens – Greece**  
 Thesis: «Study of kinetic models for the CO oxidation»

## PERSONAL SKILLS

Mother tongue(s) Greek-French

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Fluent	Fluent	Fluent	Fluent	Fluent
Italian	Basic	Basic	Basic	Basic	Basic

**Communication skills** Very good communication skills gained through my experience as professor and representative to national and international committees: teaching, writing (articles, reports, books,...), presentations at national and international congresses

**Organisational / managerial skills** Very good organisational / managerial skills:

- Project Leader at Renault
- Leader of several “Thematic Units” at Hellenic Open University (3-7 professors, 80-120 students)
- Currently Director of 3 MSc programs at Hellenic Open University (~70 professors and 700 students) During last years, leader of a research team at Hellenic Open University of 2 technicians, 5-10 MSc thesis, 5 PhD students and 4-7 post-docs

**Digital competence**

- Very good command of windows and office suite
- Good command of programming languages (R, Fortran, C++), other scientific tools (Grapher, SPSS, Stoa) and photo editing software

**Driving Licence** A/B

## ADDITIONAL INFORMATION

- 94 documents in Scopus, 11 SAE papers, 21 ERJ Abstracts, 3 Book Chapters
- 213 presentations in national and international conferences, 11 invited plenary lectures
- Citations: 3,029 (Google Scholar), 1,856 (Scopus) (date of search: 19/01/2022)
- H index=28 (Google Scholar), 26 (Scopus)
- Referee for 263 papers of 72 international journals and conferences
- Evaluator for research projects in EU, Greece, Italy, Czech Republic, Latvia, Lithuania
- Supervisor of 4 accomplished PhD, other 6 are in progress
- Supervisor of 57 MSc thesis, other 8 are in progress
- Member of: Technical Chamber of Greece, Hellenic Thoracic Society, European Respiratory Society
- Member of the Top2% of the world scientists, as published from the researchers of Stanford University  
[https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/3?fbclid=IwAR3gkQsMw3ffxsBE1apJ1LgK6Xla1qL\\_4KnTVA-NPAoVy562zA8jnlD5vrg](https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/3?fbclid=IwAR3gkQsMw3ffxsBE1apJ1LgK6Xla1qL_4KnTVA-NPAoVy562zA8jnlD5vrg)

ANNEXES

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List of publications

# PUBLICATIONS

## INTERNATIONAL JOURNALS

1. Zervas E., Montagne X., Lahaye J. (1999), The influence of gasoline formulation on specific pollutants emissions, *J. Air Waste Manage. Assoc.*, 49, 1304-1314, <http://dx.doi.org/10.1080/10473289.1999.10463969>
2. Zervas E., Montagne X., Lahaye J. (1999), Collection and analysis of organic acids in exhaust gas. Comparison of different methods, *Atm. Environ.*, 33, 4953-4962, [http://dx.doi.org/10.1016/S1352-2310\(99\)00278-2](http://dx.doi.org/10.1016/S1352-2310(99)00278-2)
3. Zervas E., Tazerout M. (2000), Organic acids emissions from natural gas fed engines, *Atm. Environ.*, 34, 3921-3929, [http://dx.doi.org/10.1016/S1352-2310\(00\)00160-6](http://dx.doi.org/10.1016/S1352-2310(00)00160-6)
4. Zervas E., Montagne X., Lahaye J. (2001), Emission of specific pollutants from a compression ignition engine. Influence of fuel hydrotreatment and fuel/air equivalence ratio, *Atm. Environ.*, 35, 1301-1306, [http://dx.doi.org/10.1016/S1352-2310\(00\)00390-3](http://dx.doi.org/10.1016/S1352-2310(00)00390-3)
5. Zervas E., Montagne X., Lahaye J. (2001), C1-C5 organic acids emissions from a SI engine. Influence of fuel and air/fuel equivalence ratio, *Environ. Sci. Technol.*, 35, 2746-2751, <http://dx.doi.org/10.1021/es000237v>
6. Zervas E., Montagne X., Lahaye J. (2002), Emission of alcohols and carbonyl compounds from a SI engine. Influence of fuel and air/fuel equivalence ratio, *Environ. Sci. Technol.*, 36, 2414-2421, <http://dx.doi.org/10.1021/es010265t>
7. Zervas E., Montagne X., Lahaye J. (2003), Emission of regulated pollutants from a SI engine. Influence of fuel and air/fuel equivalence ratio, *Environ. Sci. Technol.*, 37, 3232-3238, <http://dx.doi.org/10.1021/es026321n>
8. Zervas E. (2004), Correlations between cycle-to-cycle variations and combustion parameters of a spark ignition engine, *Appl. Therm. Eng.*, 24, 14-15, 2073-2081, <http://dx.doi.org/10.1016/j.applthermaleng.2004.02.008>
9. Zervas E., Montagne X., Lahaye J. (2004), Influence of fuel and air/fuel equivalence ratio on the emission of individual hydrocarbons from a SI engine. 1. Experimental Findings, *Fuel*, 83, 17-18, 2301-2311, <http://dx.doi.org/10.1016/j.fuel.2004.06.029>
10. Zervas E., Montagne X., Lahaye J. (2004), Influence of fuel and air/fuel equivalence ratio on the emission of individual hydrocarbons from a SI engine. 2. Formation pathways and modelling of combustion processes, *Fuel*, 83, 17-18, 2313-2321, <http://dx.doi.org/10.1016/j.fuel.2004.06.028>
11. Zervas E. (2005), Formation of organic acids from propane, isooctane and toluene/isooctane flames, *Fuel*, 84, 6, 691-700, <http://dx.doi.org/10.1016/j.fuel.2004.11.012>
12. Zervas E. (2005), Formation of oxygenated compounds from isooctane/toluene flames, *Energy and Fuels*, 19, 5, 1865-1872, <http://dx.doi.org/10.1021/ef050059x>
13. Zervas E. (2005), Comparative study of some experimental methods to characterize the combustion process in a SI engine, *Energy*, 30, 10, 1803-1816, <http://dx.doi.org/10.1016/j.energy.2004.11.002>
14. Zervas E., Bikas G. (2005), CO<sub>2</sub> changes from the increasing percentage of Diesel passenger cars in Norway, *Energy and Fuels*, 19, 5, 1919-1926, <http://dx.doi.org/10.1021/ef050070x>
15. Zervas E. (2005), Formation of oxygenated compounds (aldehydes, alcohols, organic acids) from propane flames, *Environmental Engineering Science*, 22, 5, 651-659, <http://dx.doi.org/10.1089/ees.2005.22.651>
16. Ntziachristos L., Samaras Z., Zervas E., Dorlhène P. (2005), Effect of a catalyzed and a additized particle filter on the emissions of a Diesel passenger car operating on low sulphur fuels, *Atm. Environ.*, 39, 27, 4925-4936, <http://dx.doi.org/10.1016/j.atmosenv.2005.04.040>
17. Zervas E., Dorlhène P., Forti L., Perrin C., Momique J.C., Monier R., Ing H., Lopez B. (2005), Inter-laboratory Test of Exhaust PM Using ELPI, *Aerosol Science and Technology*, 39, 333-346, <http://dx.doi.org/10.1080/027868290930222>
18. Zervas E., Dorlhène P., Forti L., Perrin C., Momique J.C., Monier R., Ing H., Lopez B. (2006), Exhaust Gas Particle Mass Estimation Using an Electrical Low Pressure Impactor, *Energy and Fuels*, 20, 498-503, <http://dx.doi.org/10.1021/ef050330a>
19. Zervas E., Pouloupoulos S. Philippopoulos C. (2006), Formation of oxygenated compounds from isooctane flames, *Fuel*, 85, 3, 333-339, <http://dx.doi.org/10.1016/j.fuel.2005.07.011>
20. Zervas E., Dorlhène P., Forti L., Perrin J., Momique J.C., Monier R., Ing H., Lopez B. (2006), Inter-laboratory study of the exhaust gas particle number measurement using the Condensation Particle Counter (CPC), *Energy and Fuels*, 20, 6, 2426-2431, <http://dx.doi.org/10.1021/ef060180j>
21. Zervas E., Pouloupoulos S. Philippopoulos C. (2006), CO<sub>2</sub> emissions change from the introduction of Diesel passenger cars. Case of Greece, *Energy*, 31, 14, 2515-2525, <http://dx.doi.org/10.1016/j.energy.2005.11.005>
22. Zervas E. (2006), CO<sub>2</sub> benefit from the increasing percentage of Diesel passenger cars. Case of Ireland, *Energy Policy*, 34, 17, 2848-2857, <http://dx.doi.org/10.1016/j.enpol.2005.05.010>
23. Zervas E., Dorlhène P. (2006), Comparison of exhaust particle number measured by EEPs, CPC and ELPI, *Aerosol Science and Technology*, 40, 977-984, <http://dx.doi.org/10.1080/02786820600844093>
24. Zervas E., Lazarou Ch. (2007), CO<sub>2</sub> benefit from the increasing percentage of diesel passenger cars in Sweden, *International Journal of Energy Research*, 31, 2, 192-203, <http://dx.doi.org/10.1002/er.1244>
25. Bikas G., Zervas E. (2007), Regulated and non-regulated pollutants emitted during the regeneration of a Diesel Particulate Filter, *Energy and Fuels*, 21, 3, 1543-1547, <http://dx.doi.org/10.1021/ef070024s>
26. Bikas G., Zervas E. (2007), Non-regulated pollutants emitted from Euro3 Diesel vehicles as a function of their mileage, *Energy and Fuels*, 21, 5, 2731-2736, <http://dx.doi.org/10.1021/ef070036d>
27. Zervas E., Lazarou Ch. (2008), Influence of European passenger cars weight to exhaust CO<sub>2</sub> emissions, *Energy Policy*, 36, 248-257, <http://dx.doi.org/10.1016/j.enpol.2007.09.009>
28. Zervas E., Bikas G. (2008), Impact of the driving cycle on the NO<sub>x</sub> and PM exhaust emissions of Diesel passenger cars, *Energy and Fuels*, 22(3); 1707-1713, <http://dx.doi.org/10.1021/ef700679m>
29. Zervas E. (2008), Impact of different configurations of a Diesel oxidation catalyst on the CO and HC tail-pipe emissions of a Euro4 passenger car, *Appl. Therm. Engin.*, 28, 962-966, <http://dx.doi.org/10.1016/j.applthermaleng.2007.06.033>
30. Zervas E. (2008), Regulated and non-regulated pollutants emitted from two aliphatic and a commercial Diesel fuel, *Fuel*, 87, 1141-1147, <http://dx.doi.org/10.1016/j.fuel.2007.06.010>
31. Zervas E., Pouloupoulos S.G., Philippopoulos C.J., Bikas G. (2008), CO<sub>2</sub> control by means of the increased penetration of Diesel passenger cars in Finland, *Global Nest the International Journal*, 10, 2, 174-182 <https://doi.org/10.30955/gnj.000475>

32. Katsanou O., Zervas E., Pouloupoulos S.G., Philippopoulos C.J (2008), Photocatalytic oxidation of TCE and MTBE in the gas phase, *Global Nest the International Journal*, 10, 2, 237-240, <https://doi.org/10.30955/gnj.000478>
33. Zervas E. (2008), Development of an indicator for the emission control of Diesel passenger cars, *Appl. Therm. Engin.*, 28, 1437-1442, <http://dx.doi.org/10.1016/j.applthermaleng.2007.09.008>
34. Zervas E. (2008), Parametric study of the main parameters influencing the catalytic efficiency of a Diesel oxidation catalyst: parameters influencing the efficiency of a diesel, *Int. J. Automot. Technol.*, 9, 6, 641-647, <http://dx.doi.org/10.1007/s12239-008-0076-8>
35. Zervas E. (2009), Analysis of CO<sub>2</sub> emissions and other characteristics of new German passenger cars, *Energy and Fuels*, 23, 1 244–252, <http://dx.doi.org/10.1021/ef800723k>
36. Zervas E., Bikas G., Zachariadis Th. (2009), CO<sub>2</sub> benefit from the increasing percentage of Diesel passenger cars in Switzerland, *I. J. Environ. Technol. Manag.* 10, 1, 102-118, <https://doi.org/10.1504/IJETM.2009.021581>
37. Zervas E. (2010), Impact of fuel on the emission of regulated pollutants of a Diesel passenger car, *Energy and Fuels*, 24, 1731-1735, <http://dx.doi.org/10.1021/ef901456z>
38. Savvanidou E., Zervas E., Tsagarakis K. (2010), Public Acceptance of Biofuels, *Energy Policy*, 38, 3482-3488, <http://dx.doi.org/10.1016/j.enpol.2010.02.021>
39. Zervas E. (2010), Analysis of the CO<sub>2</sub> emissions and of the other characteristics of the European Market of new passenger cars. 1. Analysis of general data and analysis per country. *Energy Policy*, 38, 5413-5425, <http://dx.doi.org/10.1016/j.enpol.2010.02.008>
40. Zervas E. (2010), Analysis of the CO<sub>2</sub> emissions and of the other characteristics of the European market of new passenger cars. 2. Segment analysis, *Energy Policy*, 38, 5426-5441, <http://dx.doi.org/10.1016/j.enpol.2010.02.007>
41. Zervas E. (2010), Analysis of the CO<sub>2</sub> emissions and of the other characteristics of the European Market of new passenger cars. 3. Brands analysis, *Energy Policy*, 38, 5442-5456, <http://dx.doi.org/10.1016/j.enpol.2010.02.010>
42. Zervas E. (2011), Impact of altitude on fuel consumption of a gasoline passenger car, *Fuel*, 90, 2340-2342 <http://dx.doi.org/10.1016/j.fuel.2011.02.004>
43. Bampatsou Ch., Zervas E. (2011), Critique of the Regulatory Limitations of Exhaust CO<sub>2</sub> Emissions from Passenger Cars in European Union, *Energy Policy*, 39, 7794-7802, <http://dx.doi.org/10.1016/j.enpol.2011.09.024>
44. Karavalakis G., Pouloupoulos S., Zervas E. (2012), Impact of diesel fuels on the emission of non-regulated pollutants, *Fuel*, 102, 85-91, <http://dx.doi.org/10.1016/j.fuel.2012.05.030>
45. Bampatsou Ch., Papadopoulou S., Zervas E. (2013), Technical Efficiency of Economic Systems of EU-15 countries based on Energy Consumption, *Energy Policy*, 55, 426-434, <http://dx.doi.org/10.1016/j.enpol.2012.12.021>
46. Kaika D., Zervas E. (2013), The Environmental Kuznets Curve (EKC) Theory. Part A: Concept, Causes and the CO<sub>2</sub> Emissions Case. *Energy Policy*, 62, 1392-1402, <http://dx.doi.org/10.1016/j.enpol.2013.07.131>
47. Kaika D., Zervas E. (2013), The Environmental Kuznets Curve (EKC) Theory. Part B: Critical Issues, *Energy Policy*, 62, 1403-1411, <http://dx.doi.org/10.1016/j.enpol.2013.07.130>
48. Zervas E., Papantonis N., Ischaki E., Litsiou E. and Katsaounou P. (2014), Analysis of acceptance of the smoking ban in Greece, *Tobacco Induced Diseases*, 12 (Suppl 1): A21, <http://www.tobaccoinduceddiseases.com/content/12/S1/A21/ins2>, <http://dx.doi.org/10.1186/1617-9625-12-S1-A21>
49. Giannarou L., Zervas E., (2014), Using Delphi technique to build consensus in practice, *Int. Journal of Business Science and Applied Management*, Volume 9, Issue 2, p 65-82, <http://www.business-and-management.org/paper.php?id=106>
50. Papoulis D., Kaika D., Bampatsou Ch., Zervas E. (2015), Public perception of climate change in a period of economic crisis, *Climate*, 3(3), 715-726, <http://dx.doi.org/10.3390/cli3030715>
51. Dalianis G, Nanaki E., Xydis G., Zervas E. (2016), New Aspects to Greenhouse Gas Mitigation Policies for Low Carbon Cities, *Energies*, 9(3), 128, <http://dx.doi.org/10.3390/en9030128>
52. Mamalaki E., Zachari K., Karfopoulou E., Zervas E., Yannakoulia, M. (2017), Presence of music while eating: Effects on energy intake, eating rate and appetite sensations, *Physiology and Behavior*, 168, 31-33, <https://doi.org/10.1016/j.physbeh.2016.10.019>
53. Rethemiotaki I., Zervas E. (2108), Neoplasms in Cyprus and the Effect of Predisposing Factors of Tobacco and Air Pollution, *International Journal of Health Sciences and Research*, Vol.8; Issue: 1; January 2018 p 172-177, [https://www.ijhsr.org/IJHSR\\_Vol.8\\_Issue.1\\_Jan2018/26.pdf](https://www.ijhsr.org/IJHSR_Vol.8_Issue.1_Jan2018/26.pdf)
54. Bampatsou C., Chalkos G., Kaika D., Zervas E. (2018), Impact of Technical and Efficiency Change on Productivity, *International Journal of Global Environmental Issues*, 17, 2/3, 144-162, <https://doi.org/10.1504/IJGENVI.2018.091459>
55. Kolios S., Antonatou G., Zervas E. (2018), Observed temperature extremes in Greece and their relation with North Atlantic Oscillation, *Int. J. Global Warming*, 15(4), 392-412, <https://doi.org/10.1504/IJGW.2018.093746>
56. Drimili E., Zervas E. (2018), Public knowledge, attitudes and perception of ecological debt, *Journal of Political Ecology*, 25 (1), 470-487, <https://doi.org/10.2458/v25i1.22013>
57. Zervas E., Litsiou E., Konstantopoulos K, Pouloupoulos S., Katsaounou P. (2018), Physical characterization of the aerosol of an electronic cigarette: impact of refill liquids, *Inhalation toxicology*, <https://doi.org/10.1080/08958378.2018.1500662>
58. Gareiou Z., Zervas E. (2018), Analysis of Environmental References in the Texts of the Four Gospels Using Descriptive Statistics, *Religions* 2018, 9, 266, <http://dx.doi.org/10.3390/rel9090266>
59. Mintzia D, Kehagia F, Tsakalidis A, Zervas E. (2018), A Methodological Framework for the Comparative Analysis of the Environmental Performance of Roadway and Railway Transport. *PROMET*; 30 (6): 721-3, <https://traffic.fpz.hr/index.php/PROMTT/article/view/2804>, <https://doi.org/10.7307/ptt.v30i6.2804>
60. Vogiatzi Ch., Gemenetzi G., Massou L., Pouloupoulos S., Papaefthimiou S., Zervas E. (2018), Energy use and saving in residential sector and occupant behavior: A case study in Athens, *Energy & Buildings*, 181 (2018) 1–9, <https://doi.org/10.1016/j.enbuild.2018.09.039>
61. Kelektsoylou K. Pouloupoulos S., Zervas E. (2018), Analysis of the world scientific production on fuels, combustion and exhaust emissions, *Journal of Advances in Vehicle Engineering* 5(1) (2018) 18-29.
62. Drimili E., Gareiou Z., Vranna A., Pouloupoulos S., Zervas E. (2019), An integrated approach to public's perception of urban water use and ownership of water companies during a period of economic crisis. Case study in Athens, Greece, *Urban Water Journal*, 16,5, 334-342, <https://doi.org/10.1080/1573062X.2019.1669194>



63. Drimili E., Gareiou Z., Zervas E. (2019), Analysis of the world scientific production on public's opinion on environmental issues, *Environmental Research & Technology*, Vol. 2 (4), pp. 171-182, <https://doi.org/10.35208/ert.582337>
64. Chita E., Drimili E., Gareiou Z., Milioti Ch., Vranna A., Pouloupoulos S., Zervas E. (2020), Impact of Economic Crisis on Passenger Transportation – Case of Travelling to the Greek Mainland from Crete, *Promet – Traffi & Transportation*, Vol 32, No3, pp 347-360, <https://doi.org/10.7307/ptt.v32i3.3255>
65. Drimili E., Herrero-Martin R., Suardiaz-Muro J., Zervas E (2020), Public views and attitudes about municipal waste management: Empirical evidence from Athens, Greece, *Waste Management and Research*, 38(6), 614-625, <https://doi.org/10.1177/0734242X20911708>
66. Zarikas V., Pouloupoulos S., Gareiou Z., Zervas E. (2020), Clustering analysis of countries using the COVID-19 cases dataset, *Data in Brief*, 31, 105787, <https://doi.org/10.1016/j.dib.2020.105787>
67. Kotroni E., Kaika D., Zervas E., (2020), Environmental Kuznets Curve in Greece in the period 1960-2014, *International Journal of Energy Economics and Policy*, V10, n4, 364-370, <https://doi.org/10.32479/ijeeep.9671>
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109. Kaika D., Zervas E. (2016), Analysis of the resource decoupling index and of the impact decoupling index in the transport sector under the environmental Kuznets curve perspective in EU-15 (Ανάλυση του δείκτη αποδέσμευσης πόρων και του δείκτη αποδέσμευσης επιπτώσεων στον τομέα των μεταφορών υπό την υπόθεση της περιβαλλοντικής καμπύλης Kuznets στην ΕΕ15, International Conference on Business & Economics, Hellenic Open University, April 22- 23, Athens, Greece (in Greek)
110. Drimili E. Zervas E. (2016), Annoyance from air pollution in the city of Athens (Όχληση από την ατμοσφαιρική ρύπανση στην πόλη της Αθήνας), International Conference on Business & Economics, Hellenic Open University, April 22- 23, Athens, Greece (In Greek)
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116. Katrakazi O., Zervas E. (2017), Trends in bibliography of energy and environmental economics (Τάσεις στην βιβλιογραφία των οικονομικών της ενέργειας και του περιβάλλοντος), International Conference on Business and Economics, ICBE-HOU 2017, April 21-22, Athens, Greece (in Greek)
117. Kioufis I., Katrakazi O., Zervas E. (2017), For a new methodology for the relation between CO<sub>2</sub> emissions and GDP per capita, based on economic inequality (Πρόταση νέας μεθοδολογίας για τη σχέση μεταξύ εκπομπών CO<sub>2</sub> και ΑΕΠ/κάτοικο, βασιζόμενη στην οικονομική ανισότητα), International Conference on Business and Economics, ICBE-HOU 2017, April 21-22, Athens, Greece (in Greek)
118. Tzalonikou Ch., Katrakazi O, Zervas E. (2017), Application of Environmental Kuznets Curve to smoking habits (Εφαρμογή της Περιβαλλοντικής Καμπύλης Kuznets στις καπνιστικές συνήθειες), International Conference on Business and Economics, ICBE-HOU 2017, April 21-22, Athens, Greece (in Greek)



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120. Assimaki A., Drimili E., Gemenetzi G., Zervas E. (2017), Behavioral attitudes towards domestic use of water in Athens (Διερευνητική ανάλυση των στάσεων και της συμπεριφοράς των κατοίκων της Αθήνας ως προς την οικιακή χρήση του νερού), International Conference on Business and Economics, ICBE-HOU 2017, April 21-22, Athens, Greece (in Greek)
121. Kalyvas Th., Zervas E. (2017), Indicators of climate change in the greater Athens area based on descriptive statistical analysis (Δείκτες κλιματικής αλλαγής στην ευρύτερη περιοχή των Αθηνών βασιζόμενοι σε περιγραφική στατιστική ανάλυση), 6<sup>th</sup> Environmental Conference of Macedonia, May 5<sup>th</sup>-7<sup>th</sup>, Thessaloniki, Greece (in Greek)
122. Kalyvas Th., Zervas E. (2017), Analysis of the deviation from the temperature curve and use it as indicator of climate change (Ανάλυση της απόκλισης από την ημιτονοειδή καμπύλη θερμοκρασίας και χρήση της ως δείκτη κλιματικής αλλαγής), 6<sup>th</sup> Environmental Conference of Macedonia, May 5<sup>th</sup>-7<sup>th</sup>, Thessaloniki, Greece (in Greek)
123. Stavra A., Gemenetzi G., Zervas E. (2017), Bioclimatic-energy design and energy behavior of occupants: empirical research in Pefki solar village (Βιοκλιματικός-ενεργειακός σχεδιασμός οικιστικού συνόλου και ενεργειακή συμπεριφορά των κατοίκων: εμπειρική έρευνα στο ηλιακό χωριό Πεύκης), 6<sup>th</sup> Environmental Conference of Macedonia, May 5<sup>th</sup>-7<sup>th</sup>, Thessaloniki, Greece (in Greek)
124. Vogiatzi Ch., Gemenetzi G., Zervas E. (2017), Impact of residence and residents characteristics on energy consumption: empirical research in Athens (Επίδραση των χαρακτηριστικών της κατοικίας και των κατοίκων στην ενεργειακή κατανάλωση: εμπειρική έρευνα στην Αθήνα), 6<sup>th</sup> Environmental Conference of Macedonia, May 5<sup>th</sup>-7<sup>th</sup>, Thessaloniki, Greece (in Greek)
125. Koutromanos I., Kolios S., Zervas E. (2017), Changes in Corfu urban area using satellite images and GIS (Μεταβολές αστικού ιστού στην Κέρκυρα με τη χρήση δορυφορικών εικόνων και γεωγραφικών πληροφοριακών συστημάτων), 6<sup>th</sup> Environmental Conference of Macedonia, May 5<sup>th</sup>-7<sup>th</sup>, Thessaloniki, Greece (in Greek)
126. Drimili E., Zervas E. (2017), Opinion of Athens residents for the management of municipal solid waste (Απόψεις των κατοίκων της Αθήνας για τη διαχείριση των αστικών στερεών αποβλήτων), 6<sup>th</sup> Environmental Conference of Macedonia, May 5<sup>th</sup>-7<sup>th</sup>, Thessaloniki, Greece (in Greek)
127. Vogiatzi Ch., Gemenetzi G., Massou, E., Zervas E. (2017), Residence characteristics, occupants' behavior and energy efficiency: a case study in Athens, 2nd HAEE Energy Conference, May 18-20, Athens, Greece
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130. Kalyvas Th., Zervas E. (2017), Analysis of the deviation from the temperature curve and use it as indicator of climate change in Thessaly region (Ανάλυση της απόκλισης από την ημιτονοειδή καμπύλη θερμοκρασίας και χρήση της ως δείκτη κλιματικής αλλαγής στην περιοχή της Θεσσαλίας), Climate Change, 1<sup>st</sup> Greek Congress, 9<sup>th</sup>-10<sup>th</sup> June, Karditsa, Greece (in Greek)
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132. Gemenetzi G., Mourati V., Zervas E. (2017), Residential choices and preferences in Athens: implications for city planning, 3<sup>rd</sup> International Conference on "Changing Cities", June 26-30, Syros-Delos-Mykonos, Greece
133. Papageorgiou A., Gemenetzi G., Zervas E. (2017), Improvement of the resilience of Greek cities against natural disasters: the opinion of specialists using Delphi method (Βελτίωση της ανθεκτικότητας των ελληνικών πόλεων απέναντι στις φυσικές καταστροφές: η εκτίμηση των ειδικών με την εφαρμογή της μεθόδου Delphi), Safe Athens 2017, June 28-30, Athens, Greece, (in Greek)
134. Zervas, Karali M., Ioannides T., Athanasopoulou S., Litsiou E., Gratziou C., Katsaounou P. (2017), Dissolution of metals in e-liquids, ERS Congress 2017, September 9-13, Milan, Italy
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137. Vatikiotis L., Gemenetzi G., Zervas E. (2017), Impact of economic crisis on atmospheric pollution in Athens (Επίδραση της Οικονομικής Κρίσης στην Ατμοσφαιρική Ρύπανση στην Αθήνα), Attica in crisis, October 20-22, Athens, Greece (in Greek)
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139. Theodorakis C., Dimopoulos Ch., Katsaounou P., Pouloupoulos S., Zervas E., (2017), Bibliometric analysis of the world scientific production for tobacco and smoking (Βιβλιομετρική ανάλυση της παγκόσμιας επιστημονικής παραγωγής για τον καπνό και το κάπνισμα), 26<sup>th</sup> Greek Respiratory Congress, November 9-12, Athens, Greece (in Greek)
140. Brilaki M., Gemenetzi G., Vatikiotis L., Zervas E. (2018), Comparison of the release of the traditional forms of energy production and RES and from the GDP of the 15 EU15 countries (Σύγκριση της αποδέσμευσης των κλασικών μορφών παραγωγής ενέργειας και των ΑΠΕ και από το ΑΕΠ των 15 χωρών της ΕΕ15) 11<sup>o</sup> National Conference on Renewable Energy Sources, Institute of Solar Technology, March 14-16, Thessaloniki, Greece
141. Brinia B., Katsaounou P., Zervas E. (2018), International and domestic trends in the scientific research of allergic diseases: a bibliometric analysis (Διεθνείς και εγχώριες τάσεις στην επιστημονική έρευνα των αλλεργικών νόσων: μια βιβλιομετρική ανάλυση), 12<sup>th</sup> Greek Congress of Allergology and Clinical Immunology, 29 March – 1 April, Athens, Greece (In Greek)
142. Varvitsioti A., Alegras S., Mikeli D., Zervas E. (2018), Development of an atmospheric quality index in Athens (Ανάπτυξη ενός δείκτη ποιότητας τρις ατμόσφαιρας της Αθήνας), International Conference on Business and Economics, ICBE-HOU 2018, May 11-12, Athens, Greece (in Greek)

143. Mikeli D., Vatikiotis L., Zervas E. (2018), Trends in bibliography of economic crisis (Βιβλιομετρική ανάλυση της επιστημονικής έρευνας σχετικά με την οικονομική κρίση), International Conference on Business and Economics, ICBE-HOU 2018, May 11-12, Athens, Greece (in Greek)
144. Nikolidaki M., Mikeli D., Zervas E. (2018), Social acceptance of the privatization of infrastructure in Greece (Κοινωνική αποδοχή της ιδιωτικοποίησης των υποδομών στην Ελλάδα), International Conference on Business and Economics, ICBE-HOU 2018, May 11-12, Athens, Greece (in Greek)
145. Giakoumis A., Kehagia F., Zervas E. (2018), Assessment of CO<sub>2</sub> footprint of the new Athens Metro Line 4A during the operation phase, Concerence in Sustainanle Urban Mobility (CSUM) 2018, 24-16 May, Skiathos Island, Greece
146. Margariti Ch. , Zervas E., Nalmpantis D. (2018), Traffic and Environmental Rehabilitation of the Agioi Anargyroi Square of the Municipality of Agioi Anargyroi – Kamatero, Concerence in Sustainanle Urban Mobility (CSUM) 2018, 24-16 May, Skiathos Island, Greece
147. Diamanti A, Raftopoulos V., Lykeridou K., Daliani A., Giannareli S., Palaiou S., Schoretsaniti S., Zervas E., Gratziou Ch., Katsaounou P. (2018), Active and passive smoking during pregnancy, ERS International Congress 2018, 15-19<sup>th</sup> September, Paris, France
148. Zervas E., Katsaounou P. (2018), Can heat-non-burn tobacco be "non-burn" and "smokeless"?, ERS International Congress 2018, 15-19<sup>th</sup> September, Paris, France
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150. Mpousiou D., Lamprou D., Toumpis M., Andritsou M., Karathanasi A., Fouskakis D., Katsaounou Th., Zervas E., Katsaounou P. (2018), The influence of peer smoking in smoking behaviour of adolescents, ERS International Congress 2018, 15-19<sup>th</sup> September, Paris, France
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152. Papageorgiou A., Gemenetzi G., Zervas E. (2018), Resilience of cities and regions and natural disasters: evaluation of management strategies using Delphi method (Ανθεκτικότητα πόλεων και περιφερειών και φυσικές καταστροφές: αξιολόγηση των στρατηγικών διαχείρισης με τη μέθοδο DELPHI), 5<sup>th</sup> Panhellenic Conference of Urban Planning, Regional Planning and Regional Development, September 27-30, Volos, Greece, (in Greek)
153. Kalyvas T., Pouloupoulos S., Zervas E. (2018), World trend of the scientific production on climate change, 14<sup>th</sup> International Conference on Meteorology, Climatology and Atmospheric Physics, October 15-17, Alexandroupolis, Greece
154. Kalyvas T., Pouloupoulos S., Zervas E. (2018), Temperature variability in selected Greek locations, 14<sup>th</sup> International Conference on Meteorology, Climatology and Atmospheric Physics, October 15-17, Alexandroupolis, Greece
155. Kalyvas T., Drimili E., Pouloupoulos S., Zervas E. (2018), PCA analysis of temperature variability in 11 meteorological stations in Greece, 14<sup>th</sup> International Conference on Meteorology, Climatology and Atmospheric Physics (COMECAP), October 15-17, Alexandroupolis, Greece
156. Varvitsioti A., Alegras S., Mikeli D., Pouloupoulos S., Zervas E. (2018), Development of an Index of Air Quality in Athens, 14<sup>th</sup> International Conference on Meteorology, Climatology and Atmospheric Physics (COMECAP), October 15-17, Alexandroupolis, Greece
157. Zervas E., Athanasopoulou S. Ioannides T., Pouloupoulos S., Katsaounou P. (2018), Diffusion of metals in the liquids of electronic cigarettes, The Union World Conference on Lung Health, 24-27 October, The Hague, The Netherlands
158. Zervas E., Koumparou D. (2019), Energy transition: energy politics meets community in Greece, 4<sup>th</sup> Annual Symposium Energy Transition IV: SE Europe and beyond, May 6-8, Athens, Greece, (in Greek)
159. Koumparou D., Golfinoopoulos S., Zervas E., (2019), Community-Led Local Development (CLLD) as a tool for inclusive planning and development at the local level: The case of Greece. CEMEPE and SECOTOX Conference 2019, May 19-24, Mykonos, Greece, (in Greek)
160. Drimili E., Gareiou Z., Vranna A., Zervas E., (2019), Opinion of Athens inhabitants for household water use and savings (Αντιλήψεις των κατοίκων της Αθήνας για τη χρήση και εξοικονόμηση του οικιακού νερού), 12<sup>th</sup> Greek Conference of Chemical Engineering, May 29-31, Athens, Greece, (in Greek)
161. Stathopoulou V., Tragoulia K., Vranna A., Zervas E. (2019), Assesment of existance of characterising flavous in cigarettes (Διερεύνηση της ύπαρξης χαρακτηριστικών αρωμάτων στα τσιγάρα), 12<sup>th</sup> Greek Conference of Chemical Engineering, May 29-31, Athens, Greece, (in Greek)
162. Tragoulia K., Stathopoulou V., Vranna A., Zervas E. (2019), The role of aromatic substances in tobacco products (Ο ρόλος των αρωματικών ουσιών στα καπνικά προϊόντα), 12<sup>th</sup> Greek Conference of Chemical Engineering, May 29-31, Athens, Greece, (in Greek)
163. Vranna A., Tika Th., Zervas E. (2019) Laboratory study of the suitability of colloid silica gel as a stabilizing media for improving fluidised soils (Εργαστηριακή μελέτη της καταλληλότητας της κolloειδούς πυρίτιδας ως σταθεροποιητικού μέσου για τη βελτίωση ρευστοποιήσιμων εδαφών), 12<sup>th</sup> Greek Conference of Chemical Engineering, May 29-31, Athens, Greece, (in Greek)
164. Zervas E., Matsouki N., Ioannides Th., Katsaounou P., (2019) Difussion of metals from the resistances in the liquids of electronic cigarettes (Διάχυση των μετάλλων από τις αντιστάσεις στα υγρά του ηλεκτρονικού τσιγάρου), 12<sup>th</sup> Greek Conference of Chemical Engineering, May 29-31, Athens, Greece, (in Greek)
165. Gangadi M., Dounias G., Bakakos P., Panagoulas V., Zervas E., Rovina N., Katsaounou P. (2019), Air Pollution and Hospital Admission for Respiratory Diseases in Athens, Greece, ERS International Congress 2018, Sept 28-Oct 2, Madrid, Spain
166. Kolios S, Ntogas G., Zervas E. (2019), Spatial changes of forests in a coastal and a remote mountainous area of Greece over a 60-year period, 13<sup>th</sup> International Conference of the Hellenic Geographical Society, Nov 1-4, Athens, Greece
167. Kalosaka D., Zervas E. (2019), Impact of economic crisis to the deaths from cardiovascular deseases (Επίδραση της οικονομικής κρίσης στους θανάτους από καρδιοαγγειακά νοσήματα), 8<sup>th</sup> Greek Conference of the Working Groups of the Greek Atherosclerosis Society, Nov 29-30, Athens, Greece (in Greek)
168. Tsigas A., Kalosaka D., Zervas E. (2019), Distribution of deaths from cardiovascular deseases in 2016 in Greece) Κατονομή θανάτων από καρδιακά νοσήματα το 2016 στην Ελλάδα, 8<sup>th</sup> Greek Conference of the Working Groups of the Greek Atherosclerosis Society, Nov 29-30, Athens, Greece (in Greek)

169. Matsouki N., Ioannides Th., Katsaounou P., Zervas E. (2019), Production of inhaled carbonyl compounds from the liquids of electronic cigarette (Παραγωγή εισπνεόμενων καρβονυλικών ενώσεων από τα υγρά του ηλεκτρονικού τσιγάρου), 28<sup>th</sup> Greek Respiratory Congress, Dec 12-152, Athens, Greece (in Greek)
170. Kalosaka D., Tsigkas A., Zervas E. (2019), Impact of economic crisis on the deaths from respiratory causes in Greece (Επίδραση της οικονομικής κρίσης στους θανάτους από νοσήματα του αναπνευστικού συστήματος), 28<sup>th</sup> Greek Respiratory Congress, Dec 12-152, Athens, Greece (in Greek)
171. Stathopoulou V., Tagoulia K., Matsouki N., Zervas E. (2019), Determination of flavous in cigarettes (Προσδιορισμός Αρωμάτων στα Τσιγάρα), 28<sup>th</sup> Greek Respiratory Congress, Dec 12-152, Athens, Greece (in Greek)
172. Zervas E., Drimili E., Gareiou Z (2020), Annoyance from winter atmospheric pollution created from wood burning for heating, ERS International Congress 2019, Sept 7-9, Vienna, Austria
173. Zervas E., Matsouki N., Bekou E., Rodopoulou P., Katsaounou P. (2020), Impact of e-liquid composition on the emission and inhalation of carbonyl compounds, ERS International Congress 2019, Sept 7-9, Vienna, Austria
174. Zervas E., Mukhanova S., Matsouki N., Shopabayeva A., Nurgozhin T., Pouloupoulos S., Katsaounou P. (2019), Emissions of Inhaled Benzene, Toluene, Ethylbenzene and Xylene from Slim, Classic and Heated Cigarettes, ERS International Congress 2019, Sept 7-9, Vienna, Austria
175. Barmpareassou Z., Korkontzelou A., Ioannou M., Vichos N., Gkotsina M., Mprinia K., Saltagianni V., Giannakas T., Giannakoulis V., Athanasiou N., Antonoglou A., Kakavas S., Boulia S. Boulbasakos G., Gida S., Pappa S., Zervas E., Kalomenidis I, Katsaounou P. (2020) The majority of patients that suffer an asthma attack at the Emergency Room (ER) are mild asthmatics, ERS International Congress 2019, Sept 7-9, Vienna, Austria
176. Koumparou D., Zervas E. (2020), Just Energy Transition and the social sciences in Greece, 5th EAEE Just Energy Transition Symposium, 30 Sept, 2 Oct, Athens, Greece
177. Barmpareassou Z., Korkontzelou A., Ioannou M., Vichos N., Gkotsina M., Mprinia K., Saltagianni V., Giannakas T., Athanasiou N., Giannakoulis V., Antonoglou A., Kakavas S., Boulbasakos G., Gida S., Pappa S., Zervas E., Kalomenidis I., Katsaounou P. (2020), Smoking habit among adults visiting the emergency room (ER) for an asthma exacerbation, 5th ENSP International Conference on Tobacco Control, Oct 2020, Virtual, doi:10.18332/tpc/128487
178. Junissov A., Bekaliyev A., Zervas E., Pouloupoulos S. (2020), Kaya Identity analysis for Central Asia, AiChE Annual Meeting, Nov 16-20, virtual (<https://plan.core-apps.com/aiche2020/event/5bee9ce1265a469586ee1c7dc664811d>)
179. Koumparou D, Zervas E. (2020), Sense of place: forest, social identities and ecotourism on the Parnitha mountain, 1<sup>st</sup> International Conference On Environmental Design, Oct 24-15, Athens, Greece (virtual)
180. Gareiou Z., Drimili E., Zervas E (2020), Public opinion about the impact of religious activities on the environment, 1<sup>st</sup> International Conference On Environmental Design, Oct 24-15, Athens, Greece (virtual)
181. Gareiou Z., Drimili E., Vatikiotis L., Zervas E. (2020), Acceptance of renewable energy sources, 1<sup>st</sup> International Conference On Environmental Design, Oct 24-15, Athens, Greece (virtual)
182. Kehagia F., Vatavali F., Garreiou Z. Zervas E. (2020), Xovid-19 and urban space in Greece. Employees' reflections on impacts on everyday life, 1<sup>st</sup> International Conference On Environmental Design, Oct 24-15, Athens, Greece (virtual)
183. Matsouki N., Rodopoulou P., Bekou E., Drimili E., Konstantinidis, Zervas E. (2020), Analysis of French cigarette market: notifications, physical characteristics of cigarettes and CO, nicotine and tar emissions, 1<sup>st</sup> International Conference On Environmental Design, Oct 24-15, Athens, Greece (virtual)
184. Kantartzopoulou P., Kalyvas Th., Zervas E. (2020), Correlation between deaths in greece and extreme weather events, 1<sup>st</sup> International Conference On Environmental Design, Oct 24-15, Athens, Greece (virtual)
185. Kaidatzis E., Iliopoulou Z., Gareiou Z., Drimili E., Matsouki N., Herrero-Martin R., Zervas E. (2020), Determination of public opinion on energy poverty. Application in Athens, Greece, 1<sup>st</sup> International Conference On Environmental Design, Oct 24-15, Athens, Greece (virtual)
186. Chita E., Matsouki N., Gareiou Z., Drimili E., Herrero-Martin R., Zerefos S., Kyriakopoulos G., Milioti Ch., Zervas E. (2020), Parameters influencing annoyance from noise pollution in Athens, Greece, 1<sup>st</sup> International Conference On Environmental Design, Oct 24-15, Athens, Greece (virtual)
187. Vougioukalakis E., Gareiou Z., Drimili E., Vatikiotis L., Zervas E. (2020), Opinion of Greek citizens about infrastructure privatization, 1st International Conference On Environmental Design, Oct 24-25, Athens, Greece (virtual).
188. Salamaliki Ch., Matsouki N., Drimili E., Vatikiotis L., Zervas E. (2020), CO2 benefits from the change of the Greek dietary habits, 1st International Conference On Environmental Design, Oct 24-25, Athens, Greece (virtual)
189. Gareiou Z., Zervas E. (2020), The requirements of sustainable education, 1st International Conference On Environmental Design, Oct 24-25, Athens, Greece (virtual).
190. Gareiou Z., Zervas E. (2020), Towards a sustainable university, 1st International Conference On Environmental Design, Oct 24-25, Athens, Greece (virtual).
191. Drimili E., Zervas E., (2020), Opinion of Athens inhabitants about the heating of their residence during winter since the beginning of financial crisis (Απόψεις των κατοίκων της Αθήνας για τη θέρμανση της κατοικίας τους τους χειμώνες από την έναρξη της κρίσης), 1<sup>st</sup> Online Conference on Energy Poverty, 11 November, Athens, Greece (online).
192. Matsouki N., Bekou E., Rodopoulou P., Zervas E., (2020), Bibliographic synthesis of electronic cigarettes emissions (Βιβλιογραφική σύνθεση των εκπομπών των ηλεκτρονικών τσιγάρων), 29<sup>th</sup> Greek Respiratory Congress, 17-20 December, Athens, Greece (online).
193. Matsouki N., Bekou E., Podopoulou P., Zervas E., (2020), Bibliographic synthesis of the emissions of heated tobacco products (Βιβλιογραφική σύνθεση των εκπομπών των θερμαινόμενων καπνικών προϊόντων), 29<sup>th</sup> Greek Respiratory Congress, 17-20 December, Athens, Greece (online).
194. Matsouki N., Bekou E., Konstantinidis E., Rodopoulou P., Drimili E., Zervas E., (2020), Trends of the physical characteristics and of the emissions of cigarettes (Τάσεις των φυσικών χαρακτηριστικών και των εκπομπών των τσιγάρων), 29<sup>th</sup> Greek Respiratory Congress, 17-20 December, Athens, Greece (online).
195. Barmpareassou Z., Vichos N., Giannakas T., Mprinia K., Gkotsina M., Satlagianni B., Athanasiou N., Korkontzelou A., Kakavas S., Mroulia S., Antonoglou A., Boulbasakos G., Gida S., Zervas E., Pappa S., Kalomenidis I., Katsaounou P., (2020), The majority that suffer an asthma attack at the Emergency Room (ER) are mild asthmatics (Οι ασθενείς που επισκέπτονται τα ΤΕΠ με παρόξυνση άσθματος έχουν ήπιας βαρύτητας άσθμα), 29<sup>th</sup> Greek Respiratory Congress, 17-20 December, Athens, Greece (online).

196. Zervas E., Vatikiotis L., (2021) Proposals for transition of the Western Macedonia to the post-lignite era, 6<sup>th</sup> ENVECON Conference, June 11-12, (online)
197. Vougioukalakis E., Gareiou Z., Vatikiotis L., Zervas E. (2021), Opinion of Greek citizens about infrastructure privatization, 6<sup>th</sup> ENVECON Conference, June 11-12,(online).
198. Giannarou S., Zervas E., Tsatiris M. (2021), The road to sustainability through the education of professionals in the field of construction, 6<sup>th</sup> ENVECON Conference, June 11-12, (online).
199. Tsesmelis D., Zervas E., Karavitis Ch. (2021), Vulnerability Assessment to Desertification in Greece Using Composite Indicators, 6<sup>th</sup> ENVECON Conference, June 11-12, (online).
200. Zervas E., Mukhanova S., Matsouki N., Konstantinidis E., Shopabayeva A., Nurgozhin T., Pouloupoulos S., Katsaounou P., (2021), Comparison of gaseous emissions of conventional and heated tobacco products, ERS International Congress, 5-8 September, virtual
201. Sigala I., Giannakas T., Giannakoulis V., Zervas E., Brinia A., Gianniou N., Dima E., Asimakos A., Katsaounou P (2021), Effect of quarantine on hospital admissions for asthma/COPD exacerbations: association with air pollution, ERS International Congress, 5-8 September, virtual
202. Zervas E., Konstantinidis E., Matsouki N., Drimili E., Gareiou Z., Katsaounou P. (2021), Relationship between filter ventilation and Tar, Nicotine and CO emissions of cigarettes, ERS International Congress, 5-8 September, virtual
203. Zervas E., Matsouki N., Bekou E., Konstantinidis E. (2021), Detailed emissions of conventional, electronic and heated cigarettes, ERS International Congress, 5-8 September, virtual
204. Barmparessou Z., Korkontzelou A., Ioannou M, Vichos N., Gkotsina M., Mprinia A., Saltagianni V., Giannakas T., Giannakoulis V., Athanasiou N., Antonoglou A., Gida S., Kakavas S., Boulbasakos G., Pappa S., Zervas E., Katsaounou P. (2021), High prevalence of mild asthma among asthmatics visiting emergency department (ED), ERS International Congress, 5-8 September, virtual
205. Sigala I., Giannakoulis V., Giannakas T., Zervas E., Brinia A., Gianniou N., Dima E., Asimakos A., Katsaounou P. (2021), Effect of quarantine on hospital admissions for lung cancer, ERS International Congress, 5-8 September, virtual
206. Zervas E., Vatikiotis L. (2021), Evaluation of the Hellenic National Plan on Energy and Climate, International Initiative for Promoting Political Economy, (IIPPE), 25-29 January, (virtual)
207. Zervas E., Vatikiotis L. (2021), The shadow of the depth crisis to the nowadays economic crisis due to covid19, International Initiative for Promoting Political Economy, (IIPPE), 25-29 January, (virtual)
208. Gareiou Z., Zervas E. (2021), Environmental attitudes in Greece: Application of the New Environmental Paradigm (NEP) Scale, Maltepe University International Student Congress, ENSAD, 5-7 May (online)
209. Kalyvas Th., Zervas E. (2021), Proposed temperature extremes index based on Fourier harmonic analysis, Maltepe University International Student Congress, ENSAD, 5-7 May (online)
210. Konstantinidis E., Zervas E. (2021), Analysis of filter and cigarette ventilation of commercial cigarettes and impact on tar, nicotine and CO emission, Maltepe University International Student Congress, ENSAD, 5-7 May (online)
211. Matsouki N., Zervas E. (2021), Emissions of metals from tobacco products, Maltepe University International Student Congress, ENSAD, 5-7 May (online)
212. Gareiou Z., Zervas E. (2021), Impact of the lockdown due to the pandemic on the students of the Hellenic Open University, Maltepe University International Student Congress, HUMSOS, 2-4 June (online)
213. Zervas E., Manika S., Necessity of environmental design in natural disasters prevention, (Η αναγκαιότητα του περιβαλλοντικού σχεδιασμού στην πρόληψη των φυσικών καταστροφών), 4th Scientific Forum for Disaster Risk Reduction in Greece, 18-19 March, Online (in Greek)

### **INVITED PLENARY LECTURES**

1. Zervas E. (2008), Analysis of the European market of new passenger cars and correlations with their CO<sub>2</sub> emissions, WWAI'08, October 24-26, 2008, Corfu, Greece.
2. Zervas E. (2009), Autumn in Philippi plain – landscape in (smoke) fog. The impacts of straw and pet burning (Φθινόπωρο στον κάμπο των Φιλίππων – τοπίο στην (καπνο)ομίχλη. Οι συνέπειες της καύσης της καλαμιάς (και της τύρφης)), Lugs and modern life, May 29-30 , Philippi, Kavala, Greece, (in Greek).
3. Zervas E. (2009), Non-regulated exhaust pollutants emitted from passenger cars of different technology, 5th International Conference on Energy, Environment, Ecosystems and Sustainable Development (EEESD'09), September 28-30, Athens, Greece.
4. Zervas E. (2011), Relationship between economic growth and environmental degradation (Environmental Kuznets Curve), 7th International Conference on Energy, Environment, Ecosystems and Sustainable Development (EEESD'11), November 17-19, Angers, France.
5. Zervas E. (2012), Application of descriptive statistical analysis and time series analysis on atmospheric pollution, 3<sup>rd</sup> International Conference on Development, Energy, Environment, Economics (DEEE '12), December 2-4, Paris, France.
6. Zervas E. (2013), Smoking. A source of air pollutants from combustion (Κάπνισμα, Μια πηγή αερίων ρύπων από καύση), 22<sup>nd</sup> PanHellenic Respiratory Congress, Dec 5-7<sup>th</sup>, Athens, Greece (in Greek).
7. Zervas E. (2015), e-cigarette constituents and particle emissions, ERS International Congress 2015, 26-30<sup>th</sup> September, Amsterdam, Netherlands.
8. Zervas E. (2017), Climate change in Thessaly during the last decades (Μεταβολές του κλίματος της Θεσσαλίας τις τελευταίες δεκαετίες), 1<sup>st</sup> PanHellenic Conference. Climate Change: Local administration and Thessaly facing the global challenge, June 9-10, Karditsa, Greece (in Greek).
9. Zervas E. (2018), Novel tobacco products and their impact (Νέα προϊόντα καπνού και επιπτώσεις τους), 8<sup>th</sup> Panhellenic Atherosclerosis Conference, Nov 20<sup>th</sup>-Dec 1<sup>st</sup>, Athens, Greece (in Greek).
10. Zervas E. (2019), New data on tobacco products (Νεότερα δεδομένα για τα καπνικά προϊόντα), 28<sup>rd</sup> Greek Respiratory Congress, Dec 12-15, Athens, Greece (in Greek).
11. Zervas E. (2020), What is environmental design, 1<sup>st</sup> International Conference On Environmental Design, Oct 24-15, Athens, Greece (virtual).

## **WORKSHOPS – SEMINARS - LECTURES**

1. Zervas E. (2002), Automobile and atmospheric pollution. Ways of determination and decrease of the emitted pollutants and perspectives for the future, 7 August, Institute of Chemical Engineering and High Temperature Chemical Processes, Patras, Greece
2. Zervas E. (2005), Automobile emissions with emphasis to the emissions of nanoparticles, 2 January, Chemical Processes Research Institute, Thessaloniki, Greece
3. Zervas E. (2005), Technology for industrial particle emission control, 2 June, Democritus University of Thrace, Xanthi, Greece
4. Zervas E. (2005), State of art of automotive emission control, 2 June, Democritus University of Thrace, Xanthi, Greece
5. Zervas E. (2007), Automobile emission control - Post graduate lecture, 5 October, Democritus University of Thrace, Xanthi, Greece
6. Zervas E. (2016), Emissions of pollutants from electronic cigarettes (Εκπομπές ρύπων από ηλεκτρονικά τσιγάρα), 16 November, Workshop of the School of Science and Technology of Hellenic Open University, Patra, Greece
7. Zervas E. (2017), Security and quality in the cities and related indexes (Ασφάλεια και ποιότητα στις πόλεις και σχετικοί δείκτες), 13 October, Standards for the Sustainable and Smart Cities, ELOT, Athens, Greece.
8. Zervas E. (2018), Combustion and tobacco, 22 January, ANSES, Paris, France
9. Zervas E. (2018), New tobacco products (Νέα καπνικά Προϊόντα), 4 Mars, Evangelismos Hospital, Athens, Greece
10. Zervas E. (2018), New tobacco products and evolving developments (Νέα προϊόντα καπνού και συνεπαγόμενες εξελίξεις), 9<sup>th</sup> July, ITE/ΙΕΧΜΗ, Patra, Greece
11. Zervas E. (2018), Independent Advisory Panel on Characterising Flavours in Tobacco Products, 11-12 Oct, Joint Research Center Workshop, Geel, Belgium
12. Katsaounou P., Brinia A., Xartsias N., Syrigou A., Rovina N., Zervas E. (2018), Effect of meteorological parameters on pollen concentration in the city of Athens, ERS Research Seminar 2018, 19-20 November, Berlin, Germany
13. Zervas E. (2019), Energy Poverty in the European Union. Causes, Data, Indicators and Possible Solutions, 3 Oct, UPC, Cartagena, Spain
14. Zervas E. (2019), Can heat-not-burn tobacco be "not-burn" and "smokeless"?, 16 October Joint Research Center Workshop, Geel, Belgium
15. Zervas E. (2019), Independent Advisory Panel on Characterising Flavours in Tobacco Products, 17 October, Joint Research Center Workshop, Geel, Belgium
16. Zervas E. (2020), Independent Advisory Panel on Characterising Flavours in Tobacco Products, 30 November, Joint Research Center Workshop, Geel, Belgium (Online)
17. Zervas E. (2021), IAP methodology for the technical assessment in assisting in determining tobacco products with characterizing flavours, 29 June, WHO Webinar on the "European Menthol Ban" and Industry Responses to Flavours Restrictions and Regulations, Online
18. Zervas E. (2021), Independent Advisory Panel on Characterising Flavours in Tobacco Products, 6 December, Joint Research Center Workshop, Geel, Belgium (online)
19. Zervas E. (2021), Violation of environmental legislation on waste management. Challenges for the education, 13 December, Hellenic Green Fund, 3<sup>rd</sup> LIFEPROWhIBIT Presentation, Online