

CURRICULUM VITAE

1. **SURNAME:** KOUNTOURAS
2. **NAME:** MERCURY
3. **DATE OF BIRTH:** 20 OCTOBER 1975
4. **NATIONALITY:** GREEK
5. **FAMILY STATUS:** SINGLE
6. **CONTACT DETAILS:**

7. **EDUCATION:**

Educational Establishment:	Thames Valley University, London, UK
Graduation date:	1999
Degree:	B.Sc. in Media Technology

Educational Establishment:	South Bank University, London, UK
Graduation date:	2002
Degree:	M.Sc. in Environmental and Architectural Acoustics

Educational Establishment:	Brüel & Kjær University, Nærum, Denmark
Graduation date:	2006
Degree:	Training on Predictor software (Type 7810) and urban noise Mapping

Educational Establishment:	Brüel & Kjær University, Nærum, Denmark
Graduation date:	2006
Degree:	Training on Noise Monitoring technologies

Educational Establishment:	Brüel & Kjær University, Nærum, Denmark
Graduation date:	2006
Degree:	Training on Environmental Noise Management technologies

Educational Establishment:	Brüel & Kjær University, Nærum, Denmark
Graduation date:	2006
Degree:	Training on Sound and Vibration

Educational Establishment:	Brüel & Kjær University, Nærum, Denmark
Graduation date:	2006
Degree:	Training on Pulse 7700 analyzer

Educational Establishment:	Harris Miller Miller & Hanson Inc., U.S.A.
Graduation date:	2007
Degree:	Training on INM software (mapping of airport noise)

Educational Establishment:	Brüel & Kjær University, Nærum, Denmark
Graduation date:	2007
Degree:	Training on Airport Noise Mapping & Monitoring technologies

Educational Establishment:	Brüel & Kjær University, Nærum, Denmark
Graduation date:	2008
Degree:	Training on Environmental Noise Management technologies

8. FOREIGN LANGUAGES: (GRADE 1 TO 5)

LANGUAGE	UNDERSTANDING	SPOKEN WORD	WRITTEN WORD
ENGLISH	5	5	5
ITALIAN	4	4	4
FRENCH	3	3	3

9. ORGANISATION MEMBERSHIP:

- Member of the Institute of Acoustics, UK (Membership n. 42462)
- Member of the Audio Engineering Society
- Member of the Technical Chamber of Greece

10. PRESENT POSITION:

- Director of 'HEAR' Hellenic Environmental Acoustics Research, focusing on the provision of study services of environmental noise, its calculation, mapping, monitoring and management.
- Environmental Noise and Vibration Application Specialist, Sales consultant of the representation and distribution company 'SYSMA' Systems of Measurement Accuracy and technical support for sound & vibration measurement products of Brüel & Kjær, Lochard, LDS & Polytec.

11. YEARS OF FULL-TIME PROFESSIONAL EXPERIENCE: 10

12. YEARS OF POST M.SC. FULL-TIME RESEARCH EXPERIENCE: 2

13. MAIN QUALIFICATIONS:

Experience in provision consultation services regarding environmental noise issues. Following the acquisition of M.Sc. in Environmental and Architectural Acoustics from South Bank University, he worked as acoustics consultant and acoustic measurements supervisor for urban environmental noise projects. He has extensive experience in using sound and vibration measurement instrumentation and managing environmental monitoring systems, knowing in depth the technical and methodology requirements from measurement campaign planning stage and data acquisition in the field to data post-processing, analysis and reporting. Acquiring experience with environmental noise prediction software such as Predictor-LimA, INM and environmental noise management software, he has knowledge of the data management and acoustic modeling requirements. He is also involved in room acoustics design by using Odeon, as well as, the assessment of entertainment, occupational and industrial noise.

14. PROFESSIONAL EXPERIENCE:**Duration: 2003 - 2005****Country:** Greece**Company name:** I.I.E.K. DELTA**Position:** Employee**Task - Responsibility:** Acoustics Lecturer**Duration: 2005 - 2010****Country:** Greece**Company name:** I.I.E.K. AKMI**Position:** Employee**Task - Responsibility:** Acoustics Lecturer**Duration: 2007 - UPTODATE****Country:** Greece**Company name:** SYSMA – Systems of Measurement Accuracy**Position:** Partner**Task - Responsibility:** a. Specialist of Environmental Noise & Vibration Applications
b. Sales consultant and Technical Support for sound and vibration measurement instrumentation of Brüel & Kjær, Lochard, LDS, Polytec, National Instruments and Davis Instruments**Duration: 2009 - UPTODATE****Country:** Greece**Company name:** HEAR – Hellenic Environmental Acoustics Research**Position:** Owner-Director**Task - Responsibility:** Acoustics Consultancy**15. ACOUSTICS INSTRUMENTS MAJOR PROCUREMENT EXPERIENCE (THROUGH SYSMA):**

COUNTRY	DATE	BRIEF DESCRIPTION OF PROCUREMENT
GREECE	2008	Institute: Aristotle University of Thessaloniki, Greece Department: School of Music Instrumentation: Brüel & Kjær Psychoacoustics Head and Torso Simulator
GREECE	2009	Institute: Aristotle University of Thessaloniki, Greece Department: School of Physics Instrumentation: Brüel & Kjær Accelerometry system
GREECE	2010	Institute: Aristotle University of Thessaloniki, Greece Department: Telecommunications Instrumentation: Brüel & Kjær Portable Sound Level Meter
GREECE	2011	Institute: University of Ioannina, Greece Department: Materials Engineering Instrumentation: Polytec Laser Doppler Vibrometry system and National Instruments data acquisition
GREECE	2012	Institute: Kavala Institute of Technology, Greece Department: Mechanical Engineering Instrumentation: Polytec Laser Doppler Vibrometry system
GREECE	2012	Company: F. Honianaki & Associates, Athens, Greece Instrumentation: Predictor-LimA Noise Mapping software Brüel & Kjær Semi-permanent Noise Monitoring Station Davis Weather Monitoring
GREECE	2012	Institute: University of Western Macedonia, Kozani, Greece Department: Mechanical Engineering Instrumentation: LDS Shaker system and National Instruments data acquisition

16. RECORD OF MAJOR ACOUSTICS PROJECTS EXPERIENCE:

COUNTRY	DATE	TITLE AND BRIEF DESCRIPTION OF THE STUDY OR SERVICE
GREECE	2009	EIA, Airport of Heraklion, Crete (Contractor: F. Honianaki, ADK AE., Body: HCAA – Environmental Protection Department) Collaboration as sub-contractor with the contractor with respect to environmental noise issues. <u>Tasks:</u> <ul style="list-style-type: none"> - Performance of acoustic measurements of airport environmental noise. - Modeling and prediction of airport environmental noise. - Estimation and assessment of airport environmental noise.
GREECE	2009	Acoustic study for the installation of noise barriers for Kifissos (Contractor: F. Honianaki, Body: Hellenic Ministry of Environment) Collaboration as sub-contractor with the contractor with respect to environmental noise issues. <u>Tasks:</u> <ul style="list-style-type: none"> - Performance of acoustic measurements of road transportation environmental noise. - Modeling and prediction of road transportation environmental noise. - Estimation and assessment of road transportation environmental noise.
GREECE	2010	Soundscape of Skiathos island. Study for the documentation of the acoustical individuality of characteristic natural environment topographical sites of Skiathos island. <u>Tasks:</u> <ul style="list-style-type: none"> - Acoustic measurements of selected soundscapes - Digital sound recording for documentation of selected soundscapes
GREECE	2010	Acoustic study MOT Karditsa Measurement of the acoustic environment: MOT Karditsa SA, Andrea Papandreou 144, Karditsa 43100 <u>Task:</u> <ul style="list-style-type: none"> - Documentation of the feasibility of performing noise measurement to vehicles, according to the regulations of the Hellenic Ministry of Transport.
GREECE	2010	Acoustic study MOT Lasithi, Crete Measurement of the acoustic environment: MOT Lasithiou SA, Neapoli and Ierapetra, Lasithi, Crete <u>Task:</u> <ul style="list-style-type: none"> - Documentation of the feasibility of performing noise measurement to vehicles, according to the regulations of the Hellenic Ministry of Transport.
GREECE	2011	Acoustic study MOT Heraklion, Crete Measurement of the acoustic environment: MOT Heraklion, Heraklion, Crete <u>Task:</u> <ul style="list-style-type: none"> - Documentation of the feasibility of performing noise measurement to vehicles, according to the regulations of the Hellenic Ministry of Transport.
GREECE	2011 – 2012	Acoustic research of Ancient Theatre of Epidaurus <u>Task:</u> <ul style="list-style-type: none"> - Measurement of the architectural acoustics - Measurement of the environmental noise - Research of the influence of local meteorological conditions to the sound propagation - First time ever measurement of the theatre acoustics under occupied conditions.

17. LIST OF PUBLICATIONS:

PEER REVIEWED	DATE	TITLE AND BRIEF DESCRIPTION OF PUBLICATION
-	2002	Type: Master Thesis Title: A Study of the Acoustics Properties in the Environment of St Sophia Church, London: Implications to the Optimal Participation in the Liturgy
YES	2011	Type: Reviewed Conference Paper Conference: The Acoustics of Ancient Theatres Conference, Patras, Greece, 18-21 Sep. 2011 (http://www.ancientacoustics2011.upatras.gr) Title: Acoustics and Environmental Parameters Measurements in Epidaurus Ancient Theatre Authors: Sotirios Psarras, Mercury Kountouras
YES	2012	Type: Conference Paper Conference: 6th National Conference of the Hellenic Institute of Acoustics, Corfu, Greece, 8-10 Oct. 2012 (http://conferences.ionio.gr/acoustics2012/en/) Title: Acoustics and Environmental Parameters Measurements in Epidaurus Ancient Theatre Authors: Sotirios Psarras, Mercury Kountouras
YES	2012	Type: Article Journal: Acta Acustica United with Acustica Vol. 98 (2012) 1-1 Title: Measurement and Analysis of the Epidaurus Ancient Theatre Acoustics Authors: Sotirios Psarras, Panagiotis Hatziantoniou, Mercury Kountouras, Nicolas-Alexander Tatlas, John N. Mourjopoulos, Dimitrios Skarlatos

18. LIST OF EQUIPMENT:

TYPE	DESCRIPTION OF EQUIPMENT
Environmental Noise and Vibration	- 4 x B&K 2270 Sound Level & Vibration Meter incl. software: Sound level meter, Frequency Analysis (1/3 octave band), Enhanced Logging, Sound Recording, Building Acoustics, FFT Analysis and Tonal Analysis option - 4 x B&K 4952 Outdoor microphone - 2 x B&K 4231 Sound calibrator - 4 x B&K 3535 Outdoor case - Integrated GPS receiver - Tripods and masts - Post processing and analysis software
Binaural	- 1 x B&K 4100 Head and Torso simulator - 1 x B&K 4101 Binaural headset - 1 x B&K SoNoScout binaural recording and analysis system
LDV	- 1 x Polytec PDV-100 portable laser Doppler vibrometer
Noise mapping	- 1 x Predictor-LimA noise calculation and mapping software incl. multicore calculation - 1 x Integrated Noise Model
DAQ	- PULSE 3560B portable 5ch sound and vibration analyzer
Sound source	- 1 x B&K 4292 OmniPower omnidirectional loudspeaker with B&K 2716 power amplifier
Weather	- 4 x Vaisala weather stations integrated with the sound level meters/monitoring stations - 2 x Davis Vantage Vue weather stations

THESSALONIKI

14/1/2013