

CURRICULUM VITAE



Surname: NTOUROU
Name: KLEOPATRA
Born: 17/5/1966
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STUDIES

- 2020-today:** PhD Candidate
Thesis: "Study of the spatio-temporal evolution of the quality of the atmospheric environment and socio-economic impacts in the wider Athens area". Faculty of Engineering, Department of Electrical and Electronics Engineering, University of West Attica, Greece
- 2015:** Master of Science in Waste Management (Greek Open University, 2015). Thesis: "Temporal Variability in Space and Time of the concentrations of gaseous pollutants in the wider area of Athens and estimation of the potential impact on public health"
- 2003:** Master of Science in Manufacturing Management & Technology - Open University (recognised by the Hellenic NARIC on 16/3/2012). Thesis: "Autonomous hybrid desalination plants as an affordable solution for potable water production on small Greek islands"
- 2000:** Certificate of specialization in energy management systems - Technological Education Institute of Piraeus
- 1989:** Graduate of Technology and Mechanical Engineering - Technological Education Institute of Athens

WORK EXPERIENCE (relevant to studies)

- 2018:** Appointed on 3/03/2018 as Executive Didactic Personnel in the University of West Attica (Faculty of Engineering, Department of Mechanical Engineering: participation as Laboratory Teaching Staff in the following laboratories: Fluid Mechanics, Air pollution Control Technologies, Heat Transfer.)
Specialisation: *Fluid dynamic measurement*

- 2014-2018:** Appointed on 11/02/2014 as Executive Didactic Personnel in the Piraeus University of Applied Sciences Piraeus (Department of Mechanical Engineering, Faculty of Technological Applications: participation as Laboratory Teaching Staff in the following laboratories: Fluid Mechanics, Air pollution Control Technologies, Heat Transfer – Department of Civil Engineering: Laboratory of Hydraulics)
Specialisation: *Fluid dynamic measurement*
- 2004:** Appointed on 14/12/2004 as Permanent Specialised Technical Staff in the Technological Education Institute of Piraeus (Department of Engineering, Faculty of Technological Applications)
Specialisation: *Engineering and energy management systems.*
- 1999-2004:** Temporary staff in the Technological Education Institute of Piraeus (Department of Engineering, Laboratory of Flow Mechanics, Department of Civil Engineering, Laboratory of Hydraulics)
- 1996-1999:** Temporary staff in the Technological Education Institute of Piraeus (Department of Civil Engineering, Laboratory of Hydraulics)
- 8/1996-12/1996:** Studies on restoration of neoclassical buildings (1st Supervisory Body for Contemporary Monuments, Ministry of Culture, Athens)
- 1992-1993:** Studies on heating, air-conditioning and gas systems (software use), in the office of the Electrical Engineer, Mr. G. Markou, Athens
- 4/1989-9/1989:** Practical training in supervising of heating and air-conditioning equipment (Department of Mechanical and Electrical Equipment, Greek Radio Television SA, Athens). Dissertation on *Environmental pollution related to automobile emissions*

RECENT PROJECTS

- 2012-2015:** Hellenic Academic Open Courses (1/9/2012– 1/8/2015), National Strategic Reference Framework (NSRF), Greece. Supporting the development of open digital courses of Department of Engineering Section 01. Development of digital courses, support institutional platform and other actions of the operation: OPEN ACADEMIC COURSES TEI PEIRAIAS MIS 380 196. (ESPA 2007-2013)

PUBLICATIONS

- Ntourou K.S., Manousakis N.M., Moustris K.P., 2021.** *Estimation of chronic bronchitis incidence in adults due to PM₁₀, exposure in Athens, Greece.* 15th International Conference on Meteorology, Climatology, Atmospheric Physics, Ioannina, 26-29 September
- Moustris K., Petraki E. Ntourou K., Priniotakis G., Nikolopoulos D. 2020** “*Spatiotemporal Evaluation of PM₁₀ Concentrations within the Greater Athens Area, Greece. Trends, Variability and Analysis of a 19 Years Data Series*” *Environments* 2020,7, 85; doi:10.3390/environments7100085
- Ntourou K., Moustris K.P., Giannouli M., Nastos P.T., Paliatsos A.G., 2016.** *Estimation of Hospital Admissions Respiratory Disease attributed to PM₁₀ exposure using the AirQ model within the greater Athens area.* 13 th International Conference on Meteorology, Climatology and Atmospheric Physics, Thessaloniki, 19-21 September, pp. 1105-1110.
- Konstantinos P. Moustris, Kleopatra Ntourou, Panagiotis T. Nastos, 2017.** *Estimation of particulate matter impact on human health within the urban environment of Athens city, Greece,* *Urban Science* 1,6; doi:10.3390
- Konstantinos P. Moustris, Angelos Kladakis, Kleopatra Ntourou, Panagiotis T. Nastos, 2018.** *Estimation of adverse health effects attributed to PM₁₀, CO, NO₂, O₃ and SO₂ exposure within the greater Athens area, Greece* 101. 14 th International Conference on Meteorology, Climatology and Atmospheric Physics, Alexandroupolis, October 15-17.
- Georgios Spyropoulos, Panagiotis T. Nastos, Konstantinos P. Moustris, Theodoros Katopodis and Kleopatra Ntourou 2018.** *The use of low-cost sensing for air pollution measurements in urban outdoor environments* 100. 14 th International Conference on Meteorology, Climatology and Atmospheric Physics, Alexandroupolis, October 15-17.
- D. Zafirakis, C. Ntourou, C. Papapostolou, G. Nomikos, E.K. Kondili, J.K. Kaldellis, 2014.** *Design of an Integrated Wind-based Energy Storage and Desalination Solution for the Island of Amorgos.* 9th Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion (Med Power), Athens, TEI of Piraeus, 2-5 November 2014.

PARTICIPATION IN CONFERENCE

- COMECAP 2021 15th International Conference on Meteorology, Climatology and Atmospheric Physics.**
26-29 September 2021, Ioannina, Greece
- COMECAP 2018 14th International Conference on Meteorology, Climatology and Atmospheric Physics.**
15-17 October 2018, Alexandroupolis, Greece
- COMECAP 2016 13th International Conference on Meteorology, Climatology and Atmospheric Physics.**
19-21 September 2016, Thessaloniki, Greece

PARTICIPATION IN ERASMUS PROGRAMME

ERASMUS STAFF TRAINING WEEK 2019
Istanbul Technical University (ITU) of Istanbul, Turkey
(15-19 October)

ERASMUS STAFF TRAINING WEEK 2019
UNIVERSITY OF NOVI SAD, Serbia (1-5 July)

ERASMUS STAFF TRAINING WEEK 2019
University POLITEHNICA of Bucharest (15– 7January)

«ERASMUS+ International Credit Mobility program/
26–30 November 2017/Jordan University of Science and
Technology (JUST): Department of Mechanical
Engineering PUAS UNIVERSITY OF APPLIED
SCIENCES, KLEOPATRA NTOUROU, CHRISTOS
TSITSI, LABORATORY TEACHING », ERASMUS

ERASMUS STAFF TRAINING WEEK 2017
Józef Piłsudski University of Physical Education in
Warsaw (29 MAY- 2 JUNE)

ERASMUS STAFF TRAINING WEEK 2016
Corvinus University of Budapest (9-13 MAY)

OTHER WORK EXPERIENCE AND SEMINARS

1988-1991: Supervising of TV educational programs and programs
for children (Greek Radio Television SA, Athens)

1988-1991: Seminar on PC hardware (Innovation Centre of Athens)
Seminar on Education (Arsakeio School, Athens)

LANGUAGE SKILLS

English	(ECCE - University of Michigan)
French	(Diplôme Supérieur III, Université Paris – Sorbonne)

MEMBER OF ORGANIZATIONS

Member of Hellenic Meteorological society (EMTE)