

LAST NAME: TSOVOLOS

NAME: ATHANASIOS

FATHER'S NAME: ELEFThERIOS

MOTHER'S NAME: ATHINA

YEAR OF BIRTH: 1968

FAMILY STATUS: Family with two children

**STUDIES:**

- 1) Graduate of the department of Mechanical Engineering of the Technological Educational Institute of Chalkida, 1995.
- 2) Master Diploma of the University of Portsmouth (full time) in the United Kingdom: MSC Environmental Engineering 1999.
- 3) In 2009, I was admitted (part time) to the University of Portsmouth, in the "Department of Mechanical and Design Engineering" as candidate doctor with title: "Damage evaluation and repair of polymer composite components and structures"

4) Educational Work Experience

A) Adjunct professor of the department of Mechanical Engineering of the T.E.I. of Chalkida, in the academic year 1995-96 and 1996-97 in the course " Mechanical Laboratory I". B) Adjunct professor of the department of Physics, Chemistry and Materials Technology having as scope the quality control, in the years: 1998-99, 1999-2000, 2001-02, 2002-03, 2003-04, 2004-05, 2005-06, 2006-07, 2007-2008. C) Appointed, until now, as professor of applications (lecturer) in the Department of "Environment and Ecology Technology", nowadays department of "Natural Environment Technologists" School of Technological Applications of the Technological Educational Institute of Ionian Islands. I teach the following courses (theories and laboratories): Environmental Engineering, Water and Soil pollution, Environmental legislation, Renewable energy sources, Environmental

quality monitoring methods, Solid Waste Processing Technology, Water Waste Processing Technology, Processing Technology for industrial and hazardous waste, Air pollution, Quality and Environmental Management Standards

5) Scientific activity after my appointment as professor of applications (lecturer).

A) I was admitted for the elaboration of PhD thesis in the University of Portsmouth, in the "Department of Mechanical and Design Engineering" of the United Kingdom, with issue "Damage evaluation and repair of polymer composite components and structures".

B) I worked in the research sector and have successfully delivered, three papers and major review with a presentation at the university.

C) Results of my research were accepted for publication in : (Journal of Engineering Science and Technology Review Kavala Institute of Technology).

They have also been published in the international scientific magazine "Sensor Letters":

- "Experimental monitoring of patch repaired composite structures under curing" by: A.E. Tsovolos, Z.Y. Zhang, K. Kalkanis, G.I. Tsamasphyros, G.N. Kanderakis, K.I. Giannakopoylos, Y. Botsev, M. Tur, I. Kressel, H.N Dhakal, D.T.G. Katerelos

-"Composite structure repair scheme assessment" by A.E. Tsovolos, K.I. Giannakopoulos, Z.Y. Zhang, G.I. Tsamasphyros, G.N. Kanderakis, K. Kalkanis, P. Vouthounis, D.T.G. Katerelos, H.N. Dhakal

D) I participated in conferences of national and international level in Greece, with posters

1. 7<sup>th</sup> NATIONAL CONFERENCE ON NDT OF THE HELLENIC SOCIETY OF NDT, OCTOBER 2010, HELLENIC SOCIETY OF NON DESTRUCTIVE TESTING (HSNT).

2. 2<sup>nd</sup> International Conference of Engineering Against Fracture, 2011, Coordinators : Laboratory of Technology and Strength of Materials – Department of Mechanical Engineering and Aeronautics of the University of Patras, , Hellenic Meteorological Society (H.M.S.) under the aegis of :

The federation of European Materials Societies, European Aeronautics Science Network.

3. 5<sup>th</sup> International conference on NDT of HSNT-IC MINDT 2013

6) Writing activity

A) Writing notes regarding the Quality Control of Materials and Chemical Technology in order to be used from the students at the course of Environmental Engineering and in TEI of Athens (University of Western Attica already) when I was working as a lecturer for a period of 14 years.

B) Thesis for the completion of Master: "The Combustion of Lignite".

7) I was appointed as a member of the electorate body

A) of the Technological Educational Institute of Piraeus, Department of Tourism Management, branch of Spetses, for the position of professor of Applications with specialization in "Sustainable Development with emphasis on Environmental Management.

B) Technological Educational Institute of Ionian Islands, department of environment and ecology technology, in order to consider the establishment of member of R.P. with rank of Professor of applications, with field of knowledge the "Environmental policy and Management"

8) I have undertaken a number of diploma theses and I participated in several examination committees regarding diploma theses that have been taken over by other colleagues.

9) I was appointed as supervisor and attended many internships.

10) I was appointed according to the decision of 28-05-2010 from the Administrative committee of the T.E.I. of IONIAN ISLANDS, as academic responsible of the Erasmus program for the department of environment and ecology technology, nowadays department of "environment technologists".

11) I was appointed by the Administrative committee of the T.E.I. OF IONIAN ISLANDS in the meeting with number 18 of 16-7-2010, as member of the evaluation committee for the recruitment of educational personnel in the department of environment and ecology technology in positions of Scientific partners – Laboratory partners – Educational Special courses with a fixed-term - employment contract or with a contract for the assignment of instructional project with hourly remuneration for the academic year 2010-2011.

12) I was appointed as member of committees and committees about conducting tender as follows:

A) Project “ construction of ecological and environmental building at Zakynthos” of T.E.I. of Ionian Islands.

B) Project : Public Open Tender for the lease of a property in the city of Zakynthos, of T.E.I. of Ionian Islands.

C) Participation committee, in the 16<sup>th</sup> International Education Exhibition at Cyprus, of T.E.I. of Ionian Islands.

D) Project: Public open tender for the supply of equipment of the Department of Protection and Conservation of Cultural Heritage of T.E.I. of Ionian Islands.

D) Committee for monitoring and receipt of projects of Education and Initial Vocational Training.

E) Committee for admission examinations of the academic year 2010-2011 of the department of “Protection and Conservation of Cultural Heritage” of T.E.I. of Ionian Islands.

F) Committee for classifications of the academic year 2009-2010 of the department of environment and ecology Technology. G) Meeting Committee for the editorial committee of the magazine of the institute of T.E.I. of Ionian Islands with title “Revue of Mediterranean Cultural Heritage”.

H) Duties of Technical Service of T.E.I. of Ionian Islands.

I) Committee for “Conducting public open tender for the selection of contractor regarding the cleanliness of the building facilities & the surround areas of the Technological Educational Institute of Ionian Islands.

13) I was appointed as member of committees for the receipt of materials as follows:

A) receipt of materials and certificates of work for all kind of expenses (regular budget and special account) of t T.E.I. of Ionian Islands for the academic year 2010-2011 in technical service issues. B) receipt of materials and certificates of work for all kind of expenses (regular budget and special account) of T.E.I. of Ionian Islands for the academic year 2009 of the department of Ecology and Environment (former name).

C) Committee for the qualitative and quantitative receipt of the project of the Quality Assurance Unit of the departments of Zakynthos and of T.E.I. of Ionian Islands.

D) Committee for the qualitative and quantitative receipt of the International Tender 9/2009 regarding the supply of equipment for the Department of Protection and Conservation of Cultural Heritage of T.E.I. of Ionian Islands.

14) I was appointed as deputy member of the evaluation committee regarding the adjunct educational personnel of the department of Protection & Conservation of Cultural Heritage of T.E.I. of Ionian Islands for the academic year 2011 – 2012.

15) Afterwards and until this day, I participate with appointment by the administrative committee of the Technological Educational Institute of Ionian Islands in many similar committees for a variety of administrative, financial and educational affairs.

### **Work experience as self-employed.**

- Responsible for engineering projects (6 years experience) in a Greek construction company, “H’ class” (higher class), having as scope the study for pricing projects and the participation of the company in tenders, as well as their construction. The experience is related to a variety of construction projects as well as different objects (natural gas networks, other networks, buildings etc)
- General Manager of a construction company, of ”H’ class” (higher class). In the period of my general management, I took over important constructing object in projects of natural gas and other networks.

In public projects, I participated in the organizational chart with positions in almost the entire hierarchy, namely: Responsible for Electromechanical projects, security engineer, quality engineer, site manager, project manager.