

CURRICULUM VITAE

PERSONAL INFORMATION

Full name	Moutsopoulou Glakousaki Amalia
Home Address	
Telephone Number	2810-227069
Electronic Mail (e - mail)	
Nationality	Greek
Date of Birth	24 th March 1972
Place of Birth	Athens
Family state	Married with three children

HIGHER EDUCATION

• Studies 1989 - 1994 Graduation Final Point Average	Graduate Civil Engineer of Democritus University of Thrace 7.44 / 10 Very Good
• Ph. D. (Philosophy of Doctorate) Title	Doctor of the Technical University of Crete in the Department of Production Engineering and Management “ Smart constructions Control with application in the scope of the Civil Engineer ”
Postgraduate studies 1997 - 1999	MSc (Master of Science) with specialization in Production engineering and Project Management Technical University of Crete, Department of Production Engineering and Management
• Courses of postgraduate studies program	<ol style="list-style-type: none">1. Project safety and its management2. Legal issues of projects and businesses management and safety3. Methods of solving administrative problems4. Systems of financial management5. Marketing and data analysis6. Deterministic prediction models7. Natural and Artificial Intelligence8. Optimal Control
• Diploma of Doctorate Additional courses of doctorate diploma	<ol style="list-style-type: none">1. Computational mechanics – Finite elements2. Pattern recognition

SCHOLARSHIPS / AWARDS

• From 30.12.2003 to 30.9.2005	Scholarship in the Department of Production Engineering and Management of Technical University of Crete for the elaboration of the doctorate thesis. Award from the Technical Chamber of Greece for the performance of the 5 th year of studies.
• 7.5.1996	Graduation series from the Democritus University of Thrace : 3 th Grade in the fifth year of studies : 8.80 / 10 Degree of Thesis : 10 / 10 Final Point Average of High School graduation : 19 / 20

PROFESSIONAL EXPERIENCE

• **Year 1994 - 1995**

Private employee in a contracting company of public works.

Costing, estimates, measurements of works.

• **Year 1995 - 2001**

Employment in the technical office, in the address 120 Kalokerinou Ave. , Heraklion, Crete, having as occupation the issue of building permits, the design, the supervision and the constructions of private works.

• **Year 2002 - 2003**

Employee of the Heraklion Port Authority dealing with the supervision and costing of public works.

• **Year 2003 - 2010**

Associate in the public works contracting company “ Proteas ” , dealing with costing, estimates, measurements of public works.

Teaching employment in the Technical Department of TEI (Technological Educational Institute) of Heraklion, in Crete.

Studies which was carried out in the Technical Department of TEI (Technological Educational Institute) of Heraklion, in Crete.

From 10.4.2003 to 30.8.2003 : Static study of main body of the canteen addition in the TEI (Technological Educational Institute) in Crete.

From 31.8.2003 to 31.3.2004 : Proposals for the static reinforcement of the building of the old student residence.

From 1.4.2004 to 30.8.2004 : Static control of the building of the old School of Professions of Health and Provision of TEI (Technological Educational Institute) in Crete.

From 31.8.2004 to 31.3.2005 : Static control of the building of the old School of Professions of Health and Provision of TEI (Technological Educational Institute) in Crete.

From 1.4.2005 to 30.8.2005 : Static reinforcement of the building of the School of Professions of Health and Provision of TEI (Technological Educational Institute) in Crete.

From 10.11.2005 to 30.3.2006 : Static control of the amphitheatre “ Em . Smirnakis ” of the TEI (Technological Educational Institute) of Crete.

From 31.3.2006 to 22.9.2006 : Architectural and static study of the new building of the Wind in the TEI (Technological Educational Institute) of Crete.

From 9.10.2006 to 2007 : Static reinforcement study of the amphitheatre “ Em. Smirnakis ” of the TEI (Technological Educational Institute) of Crete.

Laboratory associate in the Technical University of Crete in the field of the production of the department of Production Engineering and Management.

2008 “ New Classroom Building in the TEI (Technological Educational Institute) of Crete in Rethymno ”

TEACHING EXPERIENCE

• **Academic Year 1997 - 1998**

Laboratory associate in the TEI (Technological Educational Institute) of Crete, in the department of the Civil Construction Works.

Course : Mechanics II

• **Academic Year 1998 - 1999**

Research associate in the TEI (Technological Educational Institute) of Crete, in the department of the Civil Construction Works.

Course : Buildings Construction II

Course : Reinforced Concrete Constructions I

Course : Construction Calculations I

• **Academic Year 1999 - 2000**

Laboratory associate with full qualifications in the TEI (Technological Educational Institute) of Crete, in the department of the Civil Construction Works.

Course : Health and Work Safety

Course : Buildings Construction II

Course : Reinforced Concrete Constructions I

- **Academic Year 2000 - 2001**

Course : Construction Calculations I

Laboratory associate with full qualifications in the TEI (Technological Educational Institute) of Crete, in the department of the Civil Construction Works.

Course : Health and Work Safety

Course : Buildings Construction II

Course : Reinforced Concrete Constructions I

Course : Construction Calculations I
- **Academic Year 2001 - 2002**

Laboratory associate with full qualifications in the TEI (Technological Educational Institute) of Crete, in the department of the Civil Construction Works.

Course : Health and Work Safety

Course : Buildings Construction II

Course : Reinforced Concrete Constructions I

Course : Construction Calculations I
- **Academic Year 2002 - 2003**

Laboratory associate with full qualifications in the TEI (Technological Educational Institute) of Crete, in the department of the Civil Construction Works.

Course : Reinforced Concrete Constructions I

Course : Reinforced Concrete Constructions II

Course : Statics I
- **Academic Year 2003 - 2004**

Contract laboratory associate with full – time occupation in the TEI (Technological Educational Institute) of Crete, in the department of the Civil Construction Works.

Course : Health and Work Safety

Course : Reinforced Concrete Constructions I

Course : Buildings Construction II
- **Academic Year 2004 - 2005**

Contract laboratory associate with full – time occupation in the TEI (Technological Educational Institute) of Crete, in the department of the Civil Construction Works.

Course : Health and Work Safety

Course : Reinforced Concrete Constructions I

Course : Buildings Construction II
- **Academic Year 2005 - 2006**

Contract laboratory associate with full – time occupation in the TEI (Technological Educational Institute) of Crete, in the department of the Civil Construction Works.

Course : Cost and Budget

Course : Buildings Construction II

Course : Reinforced Concrete Constructions II
- **Academic Year 2006 - 2007**

Contract laboratory associate with full – time occupation in the TEI (Technological Educational Institute) of Crete, in the department of the Civil Construction Works.

Head of the laboratory in the course : Cost and Budget

Course : Reinforced Concrete Constructions II (

Lecturer of Applications in the TEI (Technological Educational Institute) of Crete, in the department of the Civil Construction Works.
- **Academic Year 2007 - 2010**

Head of the laboratory in the course : Cost and Budget

Courses : Reinforced Concrete Constructions I, Business Administration

BOOKS / PUBLICATIONS

1. Moutsopoulou Amalia, " Systematic Management of Health and Work Safety in Technical Projects ", Publications Tziola 2006
2. Moutsopoulou A., Tsiplias T., Tsiplira A., " Cost and Budget of constructions ", Publications , Tziola 2007
3. Moutsopoulou Amalia, Systematic Management of Health and Work Safety in Technical Projects ", Technical Chamber of East Crete, September 2006
5. A. Moutsopoulou, A. Pouliezios, G.E. Stavroulakis : Robust control in smart systems and their management. PM-04 - 4th SCPM & 1st IPMA/MedNet Conference "Project Management Advances, Training & Certification in the Mediterranean", Chios May 2008
- 6. A.Moutsopoulou, A. Pouliezios, G.E. Stavroulakis: Modelling with Uncertainty and Robust Control of Smart Beams. Paper 35, Proceedings of the Ninth International Conference on Computational Structures Technology, B.H.V. Topping and M. Papadrakakis, (Editors), Civil-Comp Press, Stirlingshire, Scotland, Civil-Comp Press, 2008
7. A. Moutsopoulou, C. Vidalakis, N. Hytiris: The role of management in preventing construction accidents: A systemic analysis. PM-04 - 4th SCPM & 1st IPMA/MedNet Conference "Project Management Advances, Training & Certification in the Mediterranean", Chios May 2008
8. A. Moutsopoulou, G.E. Stavroulakis, A. Pouliezios: H-inf control for active vibration suppression in smart structures using nonsmooth and nonconvex optimization. 2nd Intern. Conference on Computational Methods in Structural Dynamics and Earthquake Engineering COMPDYN 2009, Rhodes, Greece, 22-24 June 2009
9. A. Moutsopoulou, G.E. Stavroulakis, A. Pouliezios : Robust Control in Smart Structures using the H_{∞} Criterion and m-Analysis: The Seventh International Conference on Engineering Computational Technology, Edited by B.H.V. Topping, Civil-Comp Press, Valencia 2010
10. A.Moutsopoulou, A. Pouliezios, G.E. Stavroulakis: Modeling with uncertainty for control tasks, PM-05 Conference " Project Management ", Heraklion Crete 2010

WRITING OF LECTURE NOTES

Writing of lecture notes, which are distributed to the students of the department of the Civil Construction Works of the TEI (Technological Educational Institute) of Heraklion, in Crete, for the teaching of the following courses :

1. Health and Work Safety
2. Cost and Budget of constructions
3. Concrete II : Exercises for Practice
4. Constructions II

SUPERVISION OF GRADUATES ' THESIS

Presentation and supervision of overall thirty seven (37) graduates ' theses in the courses of the department of the Civil Construction Works of the TEI (Technological Educational Institute) of Crete :

1. Cost and Budget of constructions
2. Building Constructions II
3. Health and Safety
4. Reinforced Concrete Constructions I
5. Reinforced Concrete Constructions II

SCIENTIFIC COLLABORATIONS

• Year 1998

1. Co - operation, under the program of Leonardo da Vinci, with the Polytechnic University of Aachen .
2. Co - operation with the Glasgow Caledonian University, under the program of Socrates, being in charge of foreign students who carried out a study that compared the English Regulations of the Concrete with the Greek Anti - Seismic Regulations, within the framework of their practice via their thesis.

• Year 1998

3. Member of the standing committee of the anti - seismic protection of the TCG (Technical Chamber of Greece) / DEC (Department of East Crete).

• Year 1997

4. Participation in a seminar, which was organized by the professional training centre, teaching the course " Vulnerabilities in the Civil Engineer Constructions ". Year 1998.

• Year 1994 - 1995

5. Participation in the team of Democritus University of Thrace in the field of anti - seismic constructions.

PARTICIPATION IN CONFERENCES

June 2004

7th National Conference of Mechanics. Chania.

October 1995

Participation in scientific work that was to be announced in the International Conference 5th SEED International Conference on "European seismic Design and application". London.

September 1994

European Conference of Anti - Seismic Mechanics. Vienna.

May 1994

11th Pan - Hellenic Conference of the Reinforced Concrete. Corfu.

SEMINARS

November 2003

International meeting for the " Anti - seismic Protection of Monuments and Historical Ensembles " .

Laboratory of Static and Anti - seismic research of National Technical University of Athens .

June 1996

" New Greek Regulations of the Reinforced Concrete " .

Seminar of the TCG (Technical Chamber of Greece) / DEC (Department of East Crete).

January 1996

" New Greek Regulations of the Reinforced Concrete " .

October 1995

Seminar of the TCG (Technical Chamber of Greece) / DEC
(Department of East Crete).
“ New Greek Regulations of the Reinforced Concrete ” .
Seminar of the TCG (Technical Chamber of Greece) / DEC
(Department of East Crete).

ORGANIZATIONAL SKILLS

October 1998

Presentation and introduction of the course “ Health and Work Safety ” in the curriculum of the department of the Civil Construction Works of the TEI (Technological Educational Institute) of Crete. The course was originally suggested as being optional, but later the curriculum was changed and it became compulsory.

June 2004

Presentation in the region of Crete within the 4th studies program for the creation of an independent laboratory in the course named “ Cost and budget of constructions ”.

COMPUTERS

Aware of the following programs of constructions Analysis and dimensioning (the programs use the Anti – Seismic Regulations of the Reinforced Concrete)
Contractor
Drain 2D (Berkley California 1994)
ADAPTIC (Imperial College)
SPACE 2
AutoCAD

FOREIGN LANGUAGES

1. French – Certificat (Supporting Doc. 27)
2. German – Zertificat Goethe Institut (Supporting Doc. 28)
3. English