

CURRICULUM VITAE

NAME: Dimitrios TOLIS

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SPECIALISATION: Structural Engineer (EUR ING).

DATE of BIRTH: 1955 / Athens

NATIONALITY: Greek

EDUCATION: Degree in Civil Engineering (1978)
National Technical University of Athens (N.T.U.A.)
Analysis and programming in Computer languages :
FORTRAN, C, BASIC, 8086 ASSEMBLER, LISP.

LANGUAGES: English (very good), French (fair good), Greek (mother tongue).

FAMILY STATUS: Married - 2 Children

MEMBER OF: Technical Chamber of Greece (T.C.G.)
Greek association of civil engineers
Concrete association in Technical Chamber of Greece
Hellenic society of earthquake engineering
Special Scientific Committee on Construction Road - T.C.G.

PROFESSIONAL EXPERIENCE:

- 1978-1980** During his military service at 4th MOMA, he was charged with the technical supervision, the programming and the elaboration of bill of quantities concerning the construction of roads having a total length of 76 Km at Agios Ioannis Theologos. He was also responsible of the quarries for the mining of crashed material and he supervised the transportation of the crashed material.
- 1981-1983** He participated at the technical staff of the design firm "Ellinotechniki - N. Pandis" and he committed at the design of major building structures as block of flats and technical education schools.
Concurrently as an external collaborator of the technical firm "A. Preza & S. Pilitsis" he participated in the carrying out of bridge designs.
- 1983-1988** He participated at technical staff of the design firm "ADK Consulting Engineers" where he was involved in the design of major structures as senior engineer responsible for the department of bridges.
Concurrently as independent designer he co-operated with other technical firms and he designed a great number of structures mainly in the fields of public works.
- 1988-1990** As an independent engineer he worked on the design of public projects and also in the design of private buildings as an external collaborator with other firms and with his own projects.
Concurrently he worked on a comet of Technical Chamber of Greece and with the application of "Reinforced Earth" in the area of Greece as an exclusive agent of the very known firm.
- 1991-today** Partner of the "A. Preza - S. Pilitsis & Associates, Consulting Team" firm for the design of Public Works projects.
Concurrently as an independent external consultant of the following firms:
- TRITON Consulting Engineers: in the design of the structural part in numerous harbour projects.
 - ADK Consulting Engineers: in the design of bridges and in the structural part of harbour projects.
 - BASIS - SYSM sa: in the design of bridges of selected projects
 - Reinforced Earth company: as a technical advisor in Greece (- 1997)
 - J Malliaris: in the design of bridges and major buildings of selected projects
 - G. Xatzistergiou: in the design of bridges of selected projects
 - Mott - Berger J.V.: for the checking in numerous bridge designs in the major freeway of Greece Patras - Athens - Thessalonica - Northern borders classified by the ministry as an A class engineer (1997-2006)
 - Scot – Wilson Ltd – OMEK L.C motorway of the Central Greece: Checking of numerous bridge designs in the motorway E65 of the Central Greece since 2011
 - He was also participated on many committees of Technical Chamber of Greece

SPECIALISATION:

Structural design of major and special projects of public sector, design checking of bridge designs classified as A class engineer. He designed projects in the following areas:

- Road and railway bridges (Concrete, steel, precast, incrementally launched, seismically isolated etc.)
- Structural design of major harbours (Caissons, docks, heavy crane foundations, dolphins etc.)
- Industrial designs (pipe bridge in the sea, LNG infrastructure etc.)
- Special designs (Radar towers, silos, reinforced earth, floating docks etc.)

SCIENTIFIC EXPERIENCE:

Submissions of papers in conferences:

- 1999, Rethymno: 13th Hellenic Conference of Concrete. Title of work: "Design and construction of concrete floating pontoons and breakwaters at Olympic Marine, Lavrio - Greece", E. Andrianis, G. Grapsas, D. Tolis
- 1993, Athens: International Symposium on Geotechnical Engineering "Hard Soils Soft Rocks". Title of work: "Use of soft rock as fill in Reinforced Earth structures", R. Smith & D. Tolis
- 1992, Thessaloniki : 2nd Greek National Conference on Geotechnical Engineering. Title of work: "The principles of reinforced earth", R. Smith, D. Tolis

Conferences and seminars :

- 2011, Bolos: 7th National Conference on Steel Structures.
- 2010, Bolos: TCG Magnisia, "Long span bridges and special types - Design, loads and construction"
- 2009, Patras: University of Patras "Road, railway and footbridges. Problems - new trends".
- 2006, Alexandroupolis: 15th Hellenic Conference of Concrete
- 2005, N.T.U.A, Athens: Greek - Japanese workshop on "Earthquake design, behaviour and upgrade of foundations"
- 1999, Rethymno: 13th Hellenic Conference of Concrete
- 1997, Patras: 3rd Hellenic Conference on Geotechnical Engineering
- 1993, Athens: International Symposium on Geotechnical Engineering "Hard Soils Soft Rocks"
- 1992, Thessaloniki: 2nd Greek National Conference on Geotechnical Engineering
- 1988, Athens: 2nd Hellenic Seminar on Wood Construction
- 1988, Ministry of Public Works, Athens: Seminar on maintenance and rehabilitation of bridges.
- 1985, N.T.U.A., Athens: Seminar on Greek standard for Earthquake Resistant Structures.
- 1985, Athens : Presentation of the method used at the Vienna metro tunnels.
- 1984, N.T.U.A., Athens: Seminar on bridges design and construction.
- 1980, N.T.U.A., Athens: Seminar on damages and rehabilitation in reinforced concrete structures.
- 1978, N.T.U.A., Athens: Seminar on FORTRAN language programming.
- 1978, T.C.G., Athens: Seminar on Plastic Analysis of Structures.

Lecture in seminars:

- 1995, Athens: Presentation of T.C.G. committee work for the analysis of reinforced concrete walls and wall cores in buildings.
- 1993, Nicosia - Cyprus: Presentation of T.C.G. committee work for the analysis of structures.
- 1992, Thessaloniki : Presentation of T.C.G. committee work for the analysis of structures.
- 1992, Athens: Presentation of T.C.G. committee work for the analysis of structures.
- 1992, Pyrgos: Training Seminar on special subjects of Geotechnical Engineering.
- 1992, Zakynthos: Training Seminar on special subjects of Geotechnical Engineering.
- 1991, Patras: Training Seminar on special subjects of Geotechnical Engineering.

Diploma work:

1978, N.T.U.A., Athens : "Study on the elastic stability on beam structures and determination of their eigenperiods using the Ziegler dynamic method", D. Tolis, D. Tsoupanis, N. Tsafos.

Workgroup commitments:

- 2005, Member of scientific committee in the field of civil engineering of Technical Chamber of Greece for the structures on transportation projects
- 1997, Workshop member for the development of an instructional flowchart for the design of buildings according the new Greek earthquake design code (NEAK) and the new Greek code for the design of concrete structures.
- 1993, Workshop member to form a proposal for the modelling of shear walls and cores in reinforced concrete buildings.
- 1991, Workshop member to prepare sample problems for the validation of structural analysis programs.