

# A.T. CONSULTANTS



#### **PHILOSOPHY**

## "to be the highest value provider of global engineering consultant services and technical expertise!"

A.T. Consultants strives to deliver excellence and value to its clients, while maintaining a leadership position in the engineering industry. A.T. Consultants continues to play a relevant role in the building of major highways, underground tunnels and other important infrastructure projects. We are at the forefront of designing, consulting and supervising the most highly desirable and notable projects in various countries.

A tradition of ethical and honest business conduct is the cornerstone of our business philosophy, and the foundation of our entire organization. We believe in fair behavior and trust between us and you.

We provide outstanding service through teamwork, experience, accountability and innovation - all of which is reflected in the quality of our projects.

We continually seek new and enterprising ways, whether technology - or process-based, to meet our customers` needs and exceed their expectations in the engineering field.

We cultivate an environment that supports and encourages ongoing learning, development and personal growth affecting both our personal and partners.

#### **QUALITY POLICY**

The primary objective of **A.T. Consultants** is to provide high-quality services, so that the services offered to meet the requirements of the customer.

In order to ensure the implementation of the above Quality Policy, **A.T. Consultants** has developed and implemented a **Quality Management System** (**QMS**), which includes all its functions in accordance with the International Standard **ISO 9001:2015**.

Through the **Quality Management System**, our Company <u>has committed itself to its customers</u> for the following:

- To do whatever it says.
- To behave honestly, consistently and respectfully to its customers.
- To offer value to its customers, through the level of services it offers.
- To focus on its customers, looking at their complaints directly, and anticipating their desires and demands.
- To invest in education and improvement of its human resources.
- To encourage and stimulate the creativity of its employees.
- To continuously improve the quality of its services with the active participation of its employees.
- To continuously improve its performance by making better use of its resources.
- To modernize its organization to respond to changes in the environment.
- To improve its performance by penetrating new markets.
- To follow and use standard methods of auditing and certifying its services.
- To invest in new technologies.

On the basis of the above, every employee of the company is committed to make use of the training provided and the means available to him to comply with the Quality Management System Procedures and to contribute to its continual improvement.

The Quality Policy applies to all stages of service provision and is reviewed whenever is necessary. It is available to the public and to all relevant stakeholders.

The company complies fully with the National, Community and International Laws.

The General Manager of **A.T. Consultants** supports and supervises the effective implementation of the Quality Management System and signs this Quality Policy.

General Manager

A. Tranoulis

#### **HISTORY OF A.T. CONSULTANTS**

A.T. Consultants started as an Engineering Consulting Office back in the '90s specializing in the provision of high quality structural design services in Infrastructure (bridge, tunnels, culverts, walls) and Building Projects.

Structural and Geotechnical design, design review and checking, supervision and technical consultancy to Contractors were the main activities.

The firm also boasts experience in earthquake engineering and retrofitting /upgrading of bridges and buildings by participating in a number of Maintenance and Upgrading Existing Structures Projects.

Over the time A.T. Consultants developed highly multi-disciplined specialization and sought-after capabilities in Project Finance, Program Management, Construction Management and Forensic Analysis

The practice was originally founded in 1997 in Athens Greece, before transforming into its current legal form of A.T. Consultants, with HQ in Athens, Greece and internationally emerging multi-disciple consultancy service provider. Today, A.T. Consultants consolidates several practices of professional services of Engineering Consulting, Construction Supervision, and Project Management in Europe and Middle East.

Over the years, the professional experts of the firm have been involved in the design and construction of landmark, mega-projects mostly in the EU and the MENA region. The firm combines legacy technical expertise and creative excellence with a combination of planning, design, engineering, and program management capabilities to a broad range of markets.

Our adaptable and flexible approach to projects delivers consistency, longevity and high quality along with efficiencies in cost and time.

A.T. Consultants has worked together or on behalf of main Consultants design and construction companies in major Projects.

Our goal for A.T. CONSULTANTS is to become a worldwide leading company which will contribute to humanity by participating in major projects throughout the world.





## **SERVICES**

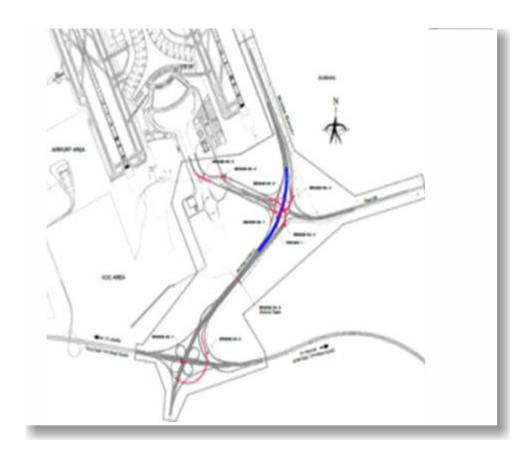
Structural & Geotechnical Design of Infrastructure & Building Projects are our main activities.

Our experience teams of Engineers and Draft men's have been participated in a number of major innovating projects by providing the following services:

## 1. Design Services

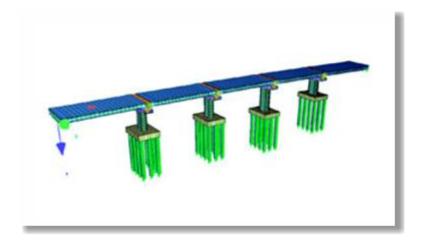
### • Conceptual Design

Working closely with all relatives specialists in order to collect all necessary parameters and to provide the best solution for each particular case based on the state of the art, economy and durability



## • Preliminary Design

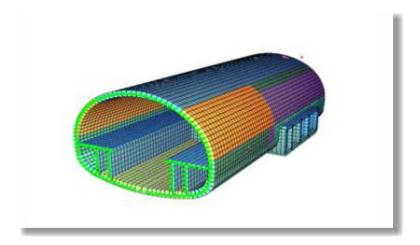
Using our experience from more than 20 years' work in the field our team is able to carry out the Preliminary Design and to select the most economical and sustainable sections in all of the structural elements.



## • Final Design

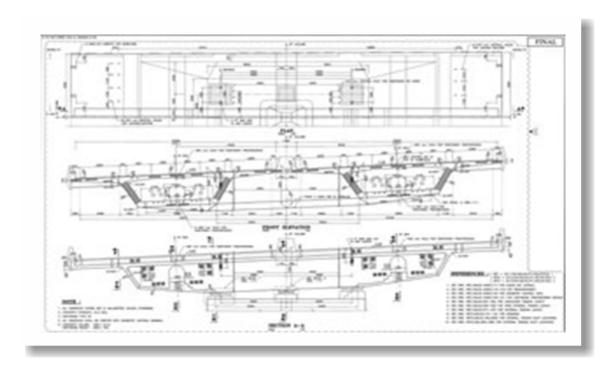
Using our experience from more than 20 years' work in the field our team is able to carry out the Final Design and to fulfill all parameters that Design Code requires.

For the above purpose we advance the capabilities of special software's like SOFISTIK, MIDAS, AUTOCAD, and REVIT and always keep updated in new editions and any new technology information



## • Detail Design Shop Drawing Preparation

Our team of Engineers & Draft men has gain experience from the preparation of Shop Drawing as well as of As Build Drawings for several Projects in Greece and Abroad.



## 2. Design Check -Review Services

Our office is able to carry out Independent Design Check specified as follow:

Design check I (Compatibility check)

As per EUROCODES, AASHTO, BRITISH STANDARDS

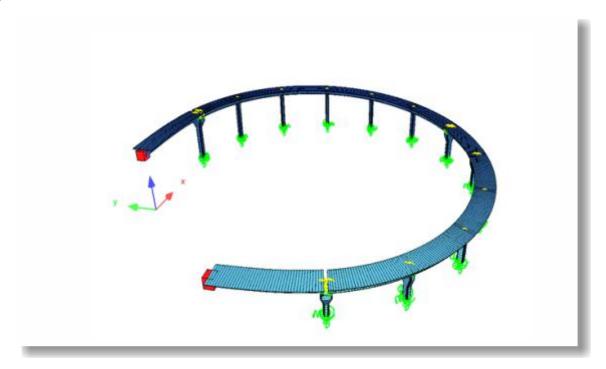
Design check II (Review of drawing)

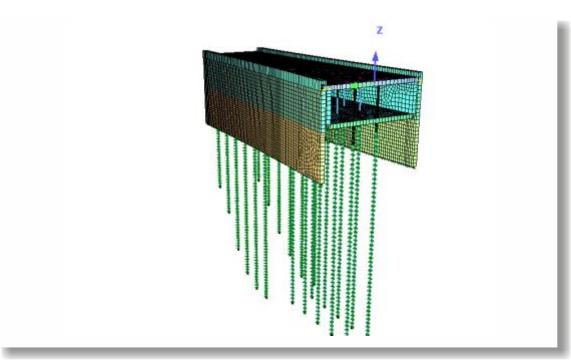
As per EUROCODES, AASHTO, BRITISH STANDARDS

Design check III (Independent complete check)

As per EUROCODES, AASHTO, BRITISH STANDARDS

In addition our office has been participated as an Independent International Consultant Checker in a number of projects around the world.



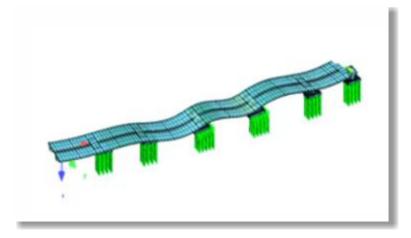


## 3. Seismic Analysis Services

## • Seismic design codes

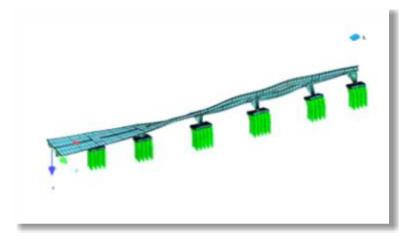
Our office has been carried out a number of seismic analyses mainly for bridges & buildings.

From uniform load elastic method, to single mode elastic method, up to multimode elastic method & time history method have been used as per new design codes such as: EUROCODES & AASHTO



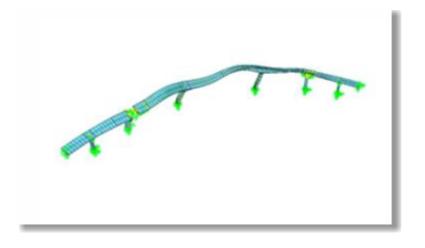
### • Seismic isolation

Our office has been carried out a number of seismic analyses mainly for bridges & buildings considering seismic isolation through the use of special bearings.



## • Seismic upgrading

Our office has been carried out a number of seismic analyses mainly for bridges & buildings using new anti-seismic devises in order to upgrade the existing structure capability for seismic loads.



## 4. Construction Consultancy & Supervision Services

Our team of Engineers has gain experience from the preparation of several Construction Engineering Reports & Shop Drawings for the Construction Stage Analysis and Pre camber Calculations for Different type of Bridges which have been constructed with Mechanical ways.

In addition we have supported Contractors in the projects with the following ways:

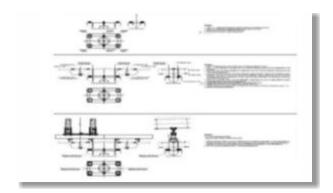
Prepare adequate design reports and drawings for each element during construction stage.

Prepare adequate design reports and drawings for each element formwork during construction.

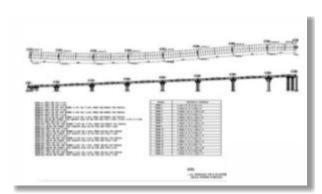
Close Consultants comments that might arise during Construction of the project

Checking Method Statement to be consistent as per Project requirements

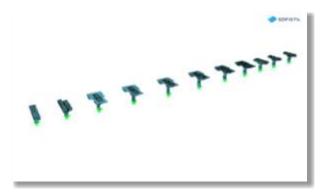
adequate shop drawings for the construction



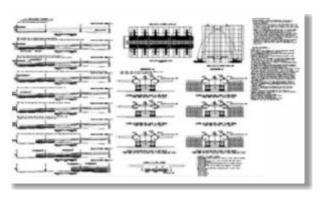
• adequate design for temporary works



• solutions for adequate constructions stages



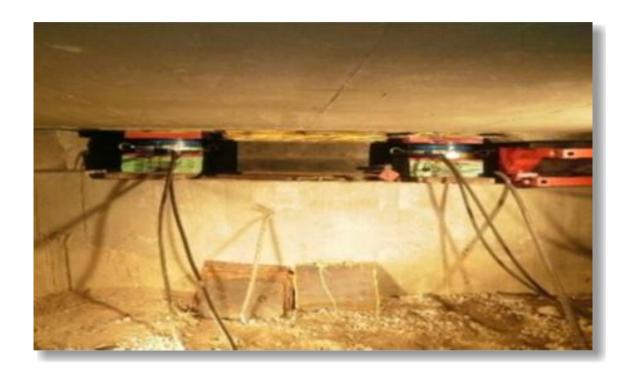
 checking method statement as per the design & construction codes



## 5. Inspection & Maintenance Services

Our team has gain experience through the participation in several important Infrastructure Maintenance Projects. Inspection of Bridges, Tunnels & buildings in order to estimate the current condition and to propose works for upgrading and strengthening are our main activities.

In addition we have carried out several design for Bearing Replacement, jacking & lifting of superstructures, as well as design considering new anti-seismic devises for structure upgrading.







## **OUR TEAM**

#### **Tranoulis Alexandros**

CEO of AT Consultants Engineering Consultancy Office Dipl. Engineer, EUR ING FEANI, MSc

#### **Education**

1997 National Technical University of Athens N.T.U.A.
M.Sc. in Civil Engineering,
1992 Technological Institute of Science in Piraeus
Bachelor of Science in Civil Engineering

## **Qualifications**

Mr. Alexandros Tranoulis has over 20 years of professional experience in the design, design review, and construction supervision of Infrastructure Projects like bridges, tunnels, retaining systems, tanks, and silos.

He has participated in major Projects in Middle East, Greece, Cyprus and North Africa.

He has great experience in reinforcement & prestressed concrete Railway and Roads bridge design constructed from conventional ways as well as with mechanical way using special gantries.

He has great experience in Bridge Maintenance and Rehabilitation of existing structures by inspection on site and by proposed methods for bridge upgrading.

Excellent knowledge of the following Civil Engineering programs:

- **S O F I S T I K** for design and analysis of general structures (BRIDGES, TUNNELS, RETAINING WALLS; BUILDINGS) Construction Stage Analysis, Dynamic Seismic Analysis Using Different Design Codes (EUROCODES, AASHTO, BRITISH STANDARD)
- MIDAS CIVIL ADVANCE for design and analysis of BRIDGES, TUNNELS, RETAINING WALLS Construction Stage Analysis, Dynamic Seismic Analysis Using Different Design Codes (EUROCODES, AASHTO, BRITISH STANDARD)
- Membership of professional bodies:
  - I.A.B.S.E (International Association for Bridge and Structural Engineering)
    Active member of Hellenic Department of I.A.B.S.E
  - EUR ING (FEANI Register EUR ING No: 33535)
  - **A.S.B.I** (American Segmental Bridge Institute)
  - Precast Prestressd Concrete Institute (pci)
  - American Concrete Institute (A.C.I)
  - International Federation for Structural Concrete (CEB-FIP)
  - Technical Chamber of Greece.
  - Greek Association of Civil Engineers
  - Kuwait Society of Engineers



## Tsantilis Aristomenis Structural Engineer, PhD

#### **Education**

2016 Ph.D. in Civil Engineering, University of Patras, Greece 2005 M.Sc. in Civil Engineering, Imperial College of Science, London, UK 2003 B.Sc. in Civil Engineering, National Technical University of Athens, Greece

## Qualifications

Dr. Tsantilis has over 15 years of professional experience in bridges and building structural design according to Greek codes, Eurocodes and British Standards, using concrete, steel and composite materials.

He has involved in a large amount of new structures and rehabilitation of existing buildings.

Active researcher in structural materials as a post-doctoral researcher.

Excellent knowledge of the following Civil Engineering programs:

- Structural (C-concrete, S-steel, SC-composite)
- SOFiSTiK (C-S-SC)
- ETABS SAP2000 (C-S-SC)
- ANSYS (FEA)
- OpenSees
- FESPA (C-Rehabilitation)
- StereoStatika (C)
- Fedra (Masonry)
- INSTANT 2016 (S)
- EC4 COMPOSITE (S)

#### **Selected Publications**

- A. Tsantilis, T. C. Triantafillou, (2016) "Seismic Isolation of Infills using Cellular Material Joints at RC Frames: An Experimental Study", ASCE Journal of Structural Engineering.
- A. Tsantilis, T. C. Triantafillou, (2016) "Seismic Isolation of Infills using Cellular Material Joints", 17th Concrete Conference, Thessaloniki, a/a 122
- C.P. Providakis, T. C. Triantafillou, D. L. Karabalis, A. Papanicolaou, K. Stefanaki, A. Tsantilis and E. Tzoura, (2013) "Simulation of PZT Monitoring of Reinforced Concrete Beams Retrofitted with CFRP", Journal of Smart Structures and Systems, Techno Press, 14(5), 811-830.





## Andrianopoulos George Dipl. Engineer, EUR-ING FEANI | PE | CE | MS

#### Education

2008 M.Sc.in Management Science & Engineering, Major in Production Management Systems National Technical University of Athens, Greece 2005 M.Eng in Rural & Surveying Engineer

#### Double Major in:

- (a) Highway Geometric Design; and
- (b) Water Resources Management & Reclamation Works National Technical University of Athens, Greece



### Qualifications

George is a licensed professional Engineer Contractor of Public Works with signatory rights of the [A' Order] in Road Works, Building Constructions, Reclamation Works & Water Resources Management and Marine Works. Alongside, George is a registered EUR-ING FEANI Engineer (#33 555) with over 20 years of professional experience in Project, Commercial and Construction Management.

Following his PQE, George initially focused on the design of road transportation systems, marine and civil infrastructure works particularly in Europe the Middle East, North Africa and the GCC. As of 2009 and up to date, George has been combining his strong Engineering background with the delivery of Project, Commercial and Delay Analysis services over an extended array of Clients to the caliber of European Investment Bank (EIB), the Japanese Investment Cooperation Agency (JICA), United Nations (UN) as well as with the Saudi Electricity Company (SEC), Haya Water (Oman), Hill International Inc.(US) to only name a few.

His expertise has been acquired through employment by Mega-Contractors (Degremont, Colas, Sete Energy), Top-tier Consultants (ILF Engineers), sought-after PMCs (Hill International Inc) and strong Government bodies (Saudi Electricity Company, Haya Water). George has lived and worked in Europe, Saudi Arabia, Qatar, Kuwait, Oman, Egypt and UAE.

Occasionally he has undertaken short term project specific assignments in Paris, Slovakia, Malaysia and India. Holds the membership of Technical Chamber of Greece and is a candidate member to the UAE Society of Engineers.



## Antonios Galanis Dipl. Civil Engineer MSc

#### **Education**

2015 MSc. in Construction Management, City University London & Cass Business School Graduated with Distinction 2012 Diploma in Civil Engineering (Equivalent to MEng), University of Stuttgart, Germany 2003 Higher Studies, University of Thessaly, Greece Urban Planning and Regional Development Bachelor of Science in Civil Engineering



#### **Qualifications**

Mr. Antonios Galanis has more than 5 years' experience in structural design of buildings (public and private), and conducted structural design and analysis of various types of structures.

- RC: foundations (pile, raft, pad), slabs, columns, beams, frames
- Steel: truss systems, columns, joints
- Composite: Slabs, columns
- Timber: frames, joints

Mr. Galanis has very good software skills like

## **Design & Modelling**

Autodesk AutoCAD and Revit, Bentley Microstation and Speedikon, Rhinoceros 3d

## **Engineering**

• NemetschekFrilo and SCIA, Sofistik

## Eng. Panos O. Theodoropoulos Structural Engineer, MSc

#### **Education**

2005 Master of Science. "Analysis & Design of Earthquake Resistant Structures", National Technical University of Athens, Greece 2003 Diploma in Civil Engineering (5 year program), Structural Engineering Section, National Technical University of Athens, Greece



### Qualifications

Over 14 years of professional experience in design and analysis of a large amount of pretensioned and post-tensioned road and railway bridges constructed with the methods of Balanced - Unbalanced Cantilever, Incremental launching, Precast Beams, Cast in situ with slab, theam or box sections, on any type of foundation according to Greek codes, Eurocodes, British and American Standards using concrete, steel and composite materials in Greece, Albania, Republic of Macedonia, Nigeria and the State of Qatar.

His experience also covers the seismic isolation and retrofit of bridges and buildings. He has also been involved in the design of tunnels, culverts, temporary and permanent retaining works in road, railway and building projects.

## Zacharias Chavdoulas Structural Engineer, MSc

#### **Education**

2015 National Technical University of Athens N.T.U.A. M.Sc. in Analysis and Design of Earthquake Resistance Structures 2011 National Technical University of Athens N.T.U.A. Diploma in Civil Engineering,



## Qualifications

Mr. Zacharias Chavdoulas has more than 5 years' experience in structural design of buildings (public and private), concrete bridges of various types and construction methods.

He has also involved in a large amount of Bridge Maintenance Projects in Greece and Abroad by upgrading existing structures with the use of new devices especially bearings.

He has very good software skills like ETABS, SAP, SOFISTIK, as well as very good knowledge of AUTOCAD.

## Civil Engineer.T.E. Anastasios Makrygiannis Associate, executive designer of projects

#### **Education:**

2002 B.Sc. in Civil Engineering T.E. (Technological Educational Institute of Central Macedonia)



## **Qualifications:**

Over 15 years of design experience using Autocad, infrastructure projects such as bridges, tunnels, cut and cover (planes, views, sections, reinforcement details, foundations and details of piles etc.). as well asextensive design of static plans of private and public building projects (formwork, construction details, metallic connections, etc.).

Additionally, the design is also appreciated with Certified Revit Structure. Also, many years of work on static building studies. Budgeting and pricing - proposals for private and public projects. Supervision of projects.

## Komninos Konstantinos Mechanical Engineer, MSc

#### **Education**

2010 Msc. Structural Design and Construction Management Kingston University 2005 B.Sc. Mechanical Engineer, Technological Educational Institute of Halkidas, Greece



#### Qualifications

Mr. Komninos has over 10 years of professional experience in bridges and building structural design according to Greek codes, Eurocodes and British Standards, using concrete, steel and composite materials.

He has excellent skills in AUTOCAD and has participated in the preparation of geometric and reinforcement drawings in a great number of Infrastructure Project.



## EXTERNAL COLLABORATORS

#### Prodromos PSARROPOULOS

Structural & Geotechnical Engineer, BEng, MEng, MSc, PhD

## **EDUCATION** (at National Technical University of Athens, Greece)

2001 PhD in Geotechnical Engineering

Dissertation: Numerical soil-dynamics analysis in the seismic design of bridge piers and abutments

1999 MSc in Structural Engineering (in cooperation with Imperial College, London, UK)

Dissertation: Seismic response analysis with the spectral-element method:

Application to dams and tunnels

1994 Diploma (BEng & MEng) in Civil Engineering

Dissertation: Automated methods for generating and readjustment of

finite-element meshes (in cooperation with the Department of Civil and Offshore Engineering,

Heriot-Watt University, UK)



2007 Postdoctoral Fellow at EUCENTRE Foundation, Pavia, Italy [1/2007 - 8/2007]

2006 Postdoctoral Fellow at Politecnico di Milano, Italy [4/2006 - 12/2006]

1999 Graduate scholarship from the School of Civil Engineering, NTUA [7/1999 - 1/2001]

1999 National representative at the 13th Young Geotechnical Engineers Conference - Field and Laboratory Measurements in Geotechnical Engineering

1998 First at the selection, then a scholar at the M.Sc. Program of NTUA "Structural Design and Analysis of Structures" [1998-99]

1997 Fellow (after competition) of the State Scholarships Foundation for Ph.D. [10/1997 - 3/2001]

1994 Award of Kontodimou Prize from Technical Chamber of Greece for "best performance (8.9/10)" in academic year 1993-94

1994 Award from Seamen's House for "outstanding performance at NTUA"

1993 Award from State Scholarships Foundation during the academic year 1992-93

1992 Award from State Scholarships Foundation during the academic year 1991-92

1990 Award from State Scholarships Foundation during the academic year 1989-90 CV of Dr. Prodromos **PSARROPOULOS March 2018** 

#### Research interests and areas of professional activity

Static and Dynamic Soil – Structure Interaction

Soil Mechanics, Geotechnical Engineering, Foundation Design, Underground Structures

Soil Dynamics, Geophysics, Geotechnical Earthquake Engineering

Structural Engineering, Dynamics of Structures, Earthquake Engineering,

Computational Mechanics and Dynamics, Numerical Methods, Finite Element Method Field Monitoring, Remote Sensing





## Alexandros N. Tsiachris MSc, MBA, PMP®

#### **Education**

Athens University of Economic and Business (AUEB), Greece

**Executive MBA** 

Dissertation: "Railway access charging systems -

Implementation at the Greek railway network".

National Technical University of Athens (NTUA), Faculty of Civil Engineering, Greece

M.Sc. in "Science and Technology of Water Resources" (2001) –graduated with distinction

Dissertation: "Evaluation of directionality of water waves by arrays of water-level probes"

National Technical University of Athens (NTUA), Faculty of Civil Engineering, Greece

B.A. in Civil Engineering (1998) - Graduation grade: 8,11/10

Dissertation: "Effect of hydrodynamic pressure on the seismic behavior of rubble-mound breakwaters"

#### **Professional experience**

Current Position: Head Engineer of Central Greece Maintenance Infrastructure Department, Greek Railways Organisation (2014-2015 and from October 2017 to date)

As the Head of Department, I amdirectly involved in every project, related to the maintenance or renewal/upgrading of existing railway infrastructure, at the area of Central Greece. Responsible for allthetechnical aspects and the proper management of the railway infrastructurein my area of responsibility (Prefectures of Fthiotida and Viotia). This includes 250 km of the main railway line of Greece, connecting Athens to Thessaloniki (mixed traffic railwayline), with a maximum design speed of 200 km/h for passenger trains.

Also responsible for leading, training and motivating the staff of the Department(60people), as well as allocating the resources (equipment, staff etc.), so that all necessary maintenanceworksof rail infrastructure are properly supervised and executed, either by Contractors or by in-house staff. Furthermore, as the Head Engineer, I amresponsible for interfaces with the railway systems (signaling, overhead contact system, access of passengers with reduced mobility at the platforms, safety in tunnels etc.) and the overall operation of the network, without any minor or major disruption. Previous Professional Experience: Date



### Rui Pedro Carrilho Gomes

#### **Education**

PhD in Civil Engineering, Instituto Superior Técnico, Universidade de Lisboa

MSc. In Structural Engineering (2 years), Instituto Superior Técnico, Universidade de Lisboa

Degree in Civil Engineering (5 years), Instituto Superior Técnico, Universidade de Lisboa



## Consultancy – excavation and underground structures (selected)

#### Head

Gomes, R.C., 2017. Assessment of induced deformations to the Rossio underground metro station due to the rehabilitation of the building Rua João das Regras nº5, Lisbon. Study performed for Safre.

Gomes, R.C., Gouveia, F., 2016. Assessment of induced deformation on the Baixa/Chiado underground metro station due to the rehabilitation of the building Rua Ivens n° 30-34, Lisboa. Study performed for Safre.

Gomes, R.C., Lopes, M., Lopes, I.F., 2012. Characterization of the ground seismic response for the expansion of Line 1 « Extension A / Place Emir Abdelkader - Place des Martyrs » from Algiers underground metro, Argelia. (2 km) Report ICIST, EP n.º 13/2012.

#### Member

Oliveira, C.S., Lopes, M., Gomes, R.C., 2006. Reinforcement of Terreiro do Paço tunnel. Study to support the comparison between the seismic behaviour of the solution proposed by the designer and an alternative solution. Report ICIST, EP n.º 3/06. Lopes, M., Gomes, R.C., 2001. Assessment of the seismic behaviour of the retaining wall piles from the Terreiro do Paço underground station from Lisbon metro. Report ICIST, EP n.º 33/01.

Oliveira, C.S., Lopes, M., Gomes, R.C., Santos, J.A., Fonseca, J., 2000. Assessment of the seismic behaviour of the Terreiro do Paço underground station from Lisbon metro. Report ICIST/CEGE0, EP n.º 32/00.

## Malak Roushdy G. Hanna Experienced Structural Consultant

#### **Education**

1979 Msc. Polytechnic Central London , UK 1972B. Sc. Civil Engineering Cairo University, Egypt



#### Qualifications

Mr. Hanna has more than 30 years of experience in the design, design review, construction and construction supervision of reinforced, prestressed concrete and steel bridges and civil structures In several countries such as Turkey,; Saudi Arabia, Egypt; Algeria, Qatar and Kuwait .Most of these structures were designed by international firms and constructed to meet the American and British standards.

Mr. Hanna worked on the design and construction supervision of the foundations, piers and super-structures of several long span cast in situ, segmental and precast prestressed concrete viaducts, as well as cut and cover tunnels, Olympic stadiums, control buildings and toll areas, multi-story buildings and ventilation towers related to mined tunnels.

Mr. Hanna worked as a Senior Structural and Bridge Engineer for The Arab Consulting Engineers (Moharram-Bakhoum) In Cairo until 1986, then I moved to Dar Al Handasa Consultants where I worked as senior bridge engineer and then as Asst. Resident Engineer on major projects in Saudi Arabia, Egypt, Turkey, Algeria and Qatar until May 2009.

In particular, he was responsible for the review of the structural design and construction supervision of the viaducts, tunnels and traffic safety structures related to 264 km of the Trans-European Motorway passing through East Turkey. His scope of work included review of the structural design of these structures as well as approval of materials and equipment (steel, pot and rubber bearings, seismic bearings, exp. Joints, seismic devices and shock absorbers, ground anchors...etc.) for the viaducts, bridges, underpasses and tunnels and other related structures; namely the reinforced earth walls, culverts, water tanks, power stations etc.

Since 2009 Mr. Hanna worked with the Arab Contractors '(Osman A. Osman & Co.) as a Technical Manager at its Bridge Department In Cairo, and then in 2010 as a Technical Manager for a one billion dollar project at Jahra - Kuwait; which involved mainly the construction of large Pre-cast Pre-stressed Concrete Segmental Bridges and ramps; in addition to other CIP concrete tunnel, R.C bridges and ramps, steel pedestrian bridges, culverts as well as their related road safety civil works.. My assignment on this project ended in 2016 after most of the structures have been completed.

## **CERTIFICATIONS**



THE INTERNATIONAL CERTIFICATION NETWORK

## CERTIFICATE

hereby certify that the company

#### A.T. CONSULTANTS

7, Platonos str. 15234 Chelandri Greece

has implemented and maintains a Quality Management System

Scope:

Constructions consultancy and projects supervision convision. Structural design of highway projects -bridges, underground structures, retaining systems. Structural design for building and special foundations. Generating signs. Strop diswings — as build drawings preparation for construction, independent design check and consultancy services.

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standards:

ISO 9001: 2015

Registration number: DE-30551346

Frank Gill





## CERTIFICATE



This is to certify that



A.T. CONSULTANTS

has implemented and maintains a Quality Management System.

Constitutions consultancy and projects seperation services. Shucknell design of highway projects bridges, underground shuckness, retaining systems. Shrucknell design for building and special foundations. Geolechnical designs. Step drawings — sh build dewings proparation for construction. Independent design check and consultancy services.

Through an swill, documented in a report, it was verified that the management system fulfills the requirements of the following standards:

ISO 9001: 2015

Certificate registration no. 30551346 2017-07-21 Valid from Volid until 2020-07-20 Date of certification 2017-07-21



DQS GmbH

March Gill

CNet

Accredited Body 2005 Gmbri. Auguin Scharp-Single 21. 60435 Frankful am Main, Germany Actronometrus Office: 2005-Helles Ltd., 4. Kelevriton Street, 14564 Killese- Athens, Gerene

MIDAS 23rd October, 2016

#### LICENSE CERTIFICATE

We MIDAS Information Technology, Dubai Branch-Sole Developer and Distributor of Midas Software's in Middle East.

Hereby, confirming that Mr. Alexandros Tranoulis has genuine version of midas Civil (Integrated Solution for Bridge & Civil Engineering) License since 2011 for his commercial works.

All the Best.

SOF ST KHellas

Trys. +30 - 215 - 62 35 607 FAX: +30 - 210 - 62 51 612

Alexandros Tranoulis - Bhuctural Engineer

Software Parchase Certificate

January 13, 2017

SOFISTIK Structural Analysis Software, Version 27

20 Finite Element Software for your figures of Software for any type of Shurthure, i.e. Shulfenge, Indiastructure works, Bridges, Foundations, Structural Sales, Composite, General materials
Concrete, Sales, Composite, General materials
Design Christophia or Software for Software for Software Codes
Design for Cross Section, Bearns, Fister, Deke, Shelb
Additional Design according to Greek MAD for Concrete
Dynamic Analysis
Ad types of Elements, i.e. Flate, Shelb, Bearn, Trass, Pile, 3D Brisis
Any type of Loading / Elements of any type of Result
Originated liver interface and Model Generation

Above Software is subsidied to SOFISTIX AD's General Terms and Conditions of Delivery

Design for all types of typitied Steel Connections assembling to Eurocode
 Design of Steel Members according to Eurocode

ive Software is subjected to FIDES DV-Partner's General Delivery Terms /www.fass.isa.euroscopy.fames or Number - Hardrock Numbers: 2314520 and 144343188

Bym Bdyalle

Byron Protopoetis SOPISTIK HELLAS S.A.



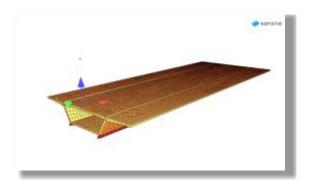
## **PARTICIPATED PROJECTS**

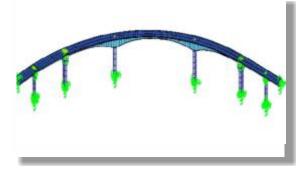


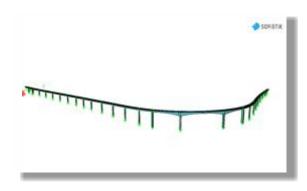
Jahra road Project RA 166 Kuwait

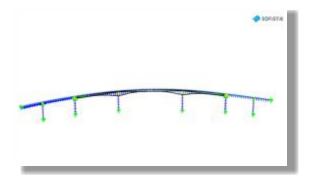














Jamal Abdul Nasser Project RA 167 Kuwait



Ikonio Project G7 Greece



Egnatia Odos Greece



Design for the Upgrading of Zygos Bridge, Cyprus



Design for the Upgrading of the famous Railway Steel Bridge in the area of Diakofto Kalabrita Greece

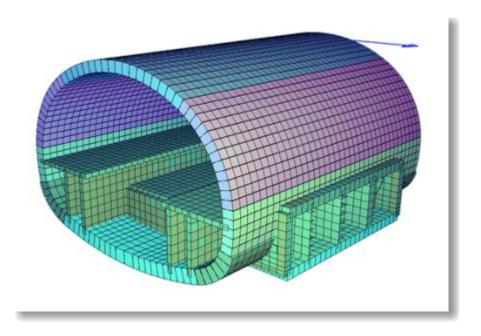


Greece National Road



Athens Metro tunnel







Kakia Skala Tunnels, Greece



Mitsero Tunnel Cyprus





Steel Bridge Design

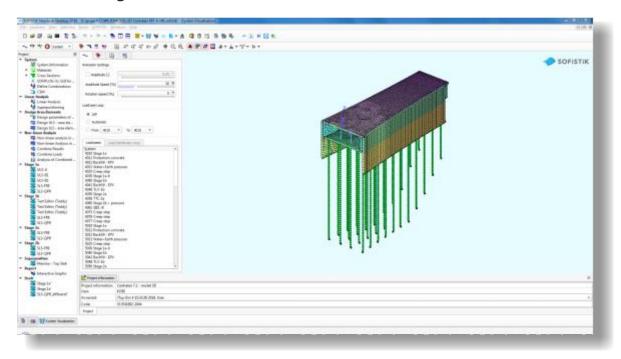


Railway Bridge Ikonio, Greece



Eleftheria's square, Limasol, Cyprus

## We are working with **SOFISTIK** since 2000.



## We are working with MIDAS since 2012.

