

ANALYTICAL CV:

1. **Surname:** : TSAROUCAS
2. **Name:** : ALEXANDROS
3. **Date and place of birth:** : January 19 1981, Volos
4. **Nationality:** : Greek
5. **Marital status:** : Married

6. **Educational :**

UNIVERSITY'S NAME :	Imperial College, London
<i>Date :</i> <i>From (month/year)</i>	From 10/2003 to 9/2004
Degree :	MSc. in Hydrology for Environmental Management

UNIVERSITY'S NAME :	Aristoteleion University of Thessaloniki, Greece
<i>Date :</i> <i>From (month/year)</i>	From 9/1998 to 6/2003
Ptychion :	Rural and Surveying Engineering

7. **Languages : (Degree 1 to 5 for capability, where 5 stands for excellent):**

LANGUAGE	ANTICIPATION	SPOKEN LANGUAGE	WRITTEN LANGUAGE
<i>Greek (native)</i>	5	5	5
<i>English</i>	5	5	5
<i>German</i>	2	2	2

8. **Member of Professional Organizations:**

- ✓ Technical Chamber of Greece.
- ✓ Organization of Greek Surveying Engineers

9. **Recent Professional position:**

Independent technical advisor in hydraulic, hydrological and surveying engineering Studies.

10. **Years of Professional experience : 12**

11. **Main qualifications:** Project management in design studies for infrastructure works.
Consultant services in private sector (fields of urban planning, geodetic studies)

Licensed by the Ministry of Transport and Communications of degree B class, to undertake public contracts and provide integrated engineering services to public authorities in the fields of hydraulic and surveying engineering.

Indicative studies

Highway drainage (Central Greece Motorway E65, Ionian Motorway etc)

Sewer network design

Water supply network design

Restoration of uncontrolled disposal

Hellenic Cadastre studies (Municipality of Ioannina, Municipality of Kefalonia)

Member of Greek Technical Chamber

Specialties: Urban planning law, law of public works and conventions,
Expert user of Autodesk and other engineering software. GIS (Intergraph)

Knowledge of computer programmes - languages:

Microsoft Office, Visual Basic, Matlab, Autocad, Civil, Verm (ground surface models), UGROW (3d groundwater modeling), Flowpath (groundwater modeling), LAND (ground surface model) Arc-View G.I.S, Geomedia G.I.S., Photoshop, Dream Weaver, FORTRAN, EPANET, Water-Cad, Water-Gems (water distribution networks), HEC-RAS, DAM BREAK (dam break simulation program, open channel simulation) MIKE SHE (hydrological model), Moodle (educational tool for water resources management).

Distinctions:

- Hellenic Mathematic Society award in local and Pan-Hellenic Contest at 1995 and 1996
- Scholarship for entering the Department of rural and surveying engineering, Aristotle University of Thessaloniki in 1998.
- First scholarship in admission examination for the School of rural and surveying engineering in 1998
- Second prize for graduating from the School of rural and surveying engineering in June 2003
- Technical Chamber of Greece, 2003-2004 Academic Year Distinction award

12. Professional Positions:

Duration :	07/2009 - today
Country :	Greece
Status:	Freelance engineer
Position:	Independent technical advisor
Responsibilities - Duties:	Hydraulic Studies, Hydrological Studies, Surveying Studies
Duration:	06/2007 - 06/2009
Country:	Greece
Company:	ADT – OMEGA S.A.
Status:	Associate
Position:	Drainage Design Studies for Motorways – Responsible for E65 and Ionian Motorway hydraulic design
Duration:	09/2006 - 05/2007
Country:	Greece
Company:	PLANITIKI S.A. – GEOGRAFIKI S.A.
Status:	Associate
Position:	Drainage Design Studies for motorways – road construction plans. GIS Analyst
Duration:	05/2006 - 08/2006
Country:	Greece
Company:	ETVA VIPE SA.
Status:	Associate
Position:	GIS Analyst

13. Professional Experience :

Country	Date : From (month/year) to (month/year)	NAME AND BRIEF DESCRIPTION OF THE PROJECT
HYDRAULIC DESIGN STUDIES		
Greece	From 12/2015 until today	Water resources management study and supplementary studies for exploitation. <u>Position</u> : Contractor <u>Duties</u> : Water resources management study. Conduction of preliminary study of water supply pipe. <u>Employer</u> : Water supply association "Captain Tellos Agras"
Greece	From 12/2015 until today	Stream delineation at Vromolimni settlement for the completion of the urban plan design. River Hydraulic Study <u>Position</u> : Contractor <u>Duties</u> : River modeling, hydrological study, hydraulic calculations, Technical Report, <u>Employer</u> : MUNICIPALITY OF TROIZINIAS - METHANON
Greece	From 1/2015 to 3/2015	Hydraulic Study for the deepening of Krausidon River in Volos City, across the Railway Bridge of Hellenic Railways Organisation. River Regulation – River Diversion Hydraulic Study <u>Position</u> : Associate <u>Duties</u> : River modeling, hydrological study, hydraulic calculations, Technical Report, Bill of Quantities, Cost Analysis for different scenarios. <u>Employer</u> : Contact Person: Papazisis V., Tel. +30 6947034499
Greece	From 10/2014 until today	Supplementary and modernizing works for water supply of Municipalities Argos – Mideas, Mikines, Koitsopodi, Prefecture of Peloponisos Final Hydraulic Study <u>Position</u> : Associate <u>Duties</u> : Hydraulic calculations, Design of the hydraulic works, technical report etc. <u>Employer</u> : Delphi Engineering, Contact Person: Koujjanos I., Tel. +30 2108847035
Greece	From 10/2014 until today	Design study for constructing the Irrigation network of Perivoli in Ksiniada, Prefecture of Sterea Ellada Final Hydraulic Study <u>Position</u> : Associate <u>Duties</u> : Hydraulic calculations, Design of the hydraulic works, technical report etc. <u>Employer</u> : Delphi Engineering, Contact Person: Koujjanos I., Tel. +30 2108847035
Greece	From 06/2014 07/2015	Stream Diversion Hydrological – Hydraulic Study of Paidopoli River in Agria, Volos. Final Hydraulic Study <u>Position</u> : Contractor <u>Duties</u> : Hydraulic calculations, river modelling, design of the hydraulic works, technical report etc. <u>Employer</u> : REGIONAL UNIT OF THESSALY
Greece	From 04/2014 12/2014	Hydrological – Hydraulic Study of Agios Ioannis stream, municipality of Rigas Feraios. Final Hydraulic Study <u>Position</u> : Contractor <u>Duties</u> : Hydraulic calculations, river modelling, technical report etc. <u>Employer</u> : MUNICIPALITY OF RIGAS FERAIOS
Greece	From 03/2014 to 10/2014	Hydraulic Study of Kalamata Airport Interchange Study for the constructor <u>Position</u> : Associate <u>Duties</u> : hydraulic calculations, design of the hydraulic works, technical report etc. <u>Employer</u> : PLANITIKI S.A., Contact Person: Antoniou G., Tel. +30 2106435005
Greece	From 06/2013 to 12/2013	Study for the Completion of the Sewer Network in Makrakomi Municipality Sewer Network Design <u>Position</u> : Contractor <u>Duties</u> : Hydraulic calculations, design of the sewer network, technical report etc <u>Employer</u> : Municipal Water and Sewerage Company of Lamia
Greece	From 06/2012 to 02/2013	Restoration of uncontrolled disposal at Omala Community In Kefalonia Hydraulic – Environmental study <u>Position</u> : Contractor <u>Duties</u> : Area survey, Geotechnical preliminary report, Final design study of environmental restoration. <u>Employer</u> : MUNICIPALITY OF KEFALONIA
Greece	From 09/2011 until today	Study for road detour of village Andritsaina (Prefecture of Peloponisos) Final hydraulic Study.

Country	Date : From (month/year) to (month/year)	NAME AND BRIEF DESCRIPTION OF THE PROJECT
		<u>Position:</u> Contractor <u>Duties:</u> Design of the hydraulic works, hydraulic calculations <u>Employer:</u> MUNICIPALITY OF ANDRITSAINA
Greece	From 09/2011 to 12/2011	Study for the replacement of water supply network of Kallithea village (Perfecture of Peloponisos) Final hydraulic Study <u>Position:</u> Contractor <u>Duties:</u> Design of the hydraulic works, hydraulic calculations, technical report etc <u>Employer:</u> MUNICIPALITY OF ANDRITSAINA
Greece	From 11/2010 12/2014	Hydrological – Hydraulic Study of stream adjacent to the future museum of agricultural tools in municipality of Rigas Feraios. Final Hydraulic Study <u>Position:</u> Contractor <u>Duties:</u> Hydraulic calculations, river modelling, design of the hydraulic works, technical report etc. <u>Employer:</u> MUNICIPALITY OF RIGAS FERAIOS
Greece	From 11/2010 to 04/2011	Updating of the study: Sewage Network of Makrisia village in Andritsena – Krestena Municipality Updating of the hydraulic Study <u>Position:</u> Contractor <u>Duties:</u> Organization of the study, hydraulic calculations, production of drawings, Technical Report, bill of quantities, technical bulletin. <u>Employer:</u> Municipality of Andritsena - Krestena
Greece	From 11/2010 to 04/2011	Updating of the study: Sewage Network of Vrina village in Andritsena – Krestena Municipality Updating of the hydraulic Study <u>Position:</u> Contractor <u>Duties:</u> Organization of the study, hydraulic calculations, production of drawings, Technical Report, bill of quantities, technical bulletin. <u>Employer:</u> Municipality of Andritsena - Krestena
Greece	From 11/2010 to 01/2011	Restoration of uncontrolled disposal at Paiania of Attica. Hydraulic – Environmental study <u>Position:</u> Associate <u>Duties:</u> Final design study of environmental restoration, drainage design <u>Employer:</u> Delphi Engineering, Contact Person: Koujianos I., Tel. +30 2108847035
Greece	From 11/2010 to 01/2011	Tender preparation documents for constructing “Restoration of uncontrolled disposal at Paiania of Attica.” <u>Position:</u> Associate <u>Duties:</u> Bill of quantities, technical bulletin <u>Employer:</u> Delphi Engineering, Contact Person: Koujianos I., Tel. +30 2108847035
Greece	From 06/2010 to 11/2010	11th Provencial Road Zakynthos – Alikes – Final Drainage Design. Final Drainage Design <u>Position:</u> Associate <u>Duties:</u> Organization of the study, design of the hydraulic works, hydraulic calculations, production of drawings, Technical Report, bill of quantities, technical bulletin. <u>Employer:</u> PLANITIKI S.A., Contact Person: Antoniou G., Tel. +30 210-6435005
Greece	From 02/2010 to 06/2010	Implementation of the necessary actions for the improvement of the road network ‘Rizomilos-Kalamata – Drainage Study Final Hydraulic Study <u>Position:</u> Associate <u>Duties:</u> Organization of the study, design of the hydraulic works, hydraulic calculations, production of drawings, Technical Report, bill of quantities <u>Employer:</u> Karageorgis Ioannis
Greece	From 09/2009 to 08/2010	Hydraulic design study of Kriari stream and flood protection works of adjacent roads Final Hydraulic Study <u>Position:</u> Associate <u>Duties:</u> Design of the hydraulic works, hydraulic calculations, production of drawings, Technical Report, bill of quantities <u>Employer:</u> Lamprinos Stelios, Tel. +302831022729

Country	Date : From (month/year) to (month/year)	NAME AND BRIEF DESCRIPTION OF THE PROJECT
Greece	From 12/2008 to 11/2010	Hydraulic Study for the Concession Project: E65 Motorway – Sections 1 and 2 Final Drainage Design for the Highway <u>Position</u> : Associate <u>Duties</u> : Project management of the hydraulic study, design of the hydraulic works, Technical Report. <u>Employer</u> : ADT OMEGA., Contact Person: Andrikopoulos Charalampos, Tel: +30 210 7236000
Greece	From 09/2008 to 11/2008	Improvement Study of the National Road 77 Chalkida- Aidipsos (in sections) Final Drainage Design <u>Position</u> : Associate <u>Duties</u> : design of the hydraulic works, hydraulic calculations. <u>Employer</u> : ADT OMEGA., Contact Person: Andrikopoulos Charalampos, Tel: +30 210 7236000
Greece	From 05/2008 to 06/2008	Preliminary study for urban rail Venizelos Airport to Rafina Preliminary hydraulic Design study <u>Position</u> : Associate <u>Duties</u> : Hydraulic calculations, design of the hydraulic works, Technical Report. <u>Employer</u> : ADT OMEGA., Contact Person: Andrikopoulos Charalampos, Tel: +30 210 7236000
Greece	From 01/2008 to 04/2008	Design study for the completion of the infrastructure works of the new railway with regular width from Korinthos to Patra (section station Drepano to station St. Dionysios) Final hydraulic Design study <u>Position</u> : Associate <u>Duties</u> : Hydraulic calculations, design of the hydraulic works, Technical Report, bill of quantities <u>Employer</u> : ADT OMEGA., Contact Person: Andrikopoulos Charalampos, Tel: +30 210 7236000
Greece	From 01/2008 to 04/2008	Application study for the construction of Egnatia odos (section Aliakmonas – overpass IC Vogatsikos) Hydraulic Design study <u>Position</u> : Associate <u>Duties</u> : Hydraulic calculations, design of the hydraulic works, Technical Report, bill of quantities <u>Employer</u> : ADT OMEGA., Contact Person: Andrikopoulos Charalampos, Tel: +30 210 7236000
Greece	From 11/2007 to 3/2008	Hydraulic Study for the Concession Project: IONIA ODOS, Section 3 Final Drainage Design for the Highway <u>Position</u> : Associate <u>Duties</u> : Hydraulic calculations, production of drawings, design of the hydraulic works, Technical Report. <u>Employer</u> : ADT OMEGA., Contact Person: Andrikopoulos Charalampos, Tel: +30 210 7236000
Greece	From 09/2007 to 07/2008	Study for the new Railway from Kalampaka to Kozani (section Dimitra – Siatista) – Phase A Final Drainage Design <u>Position</u> : Associate <u>Duties</u> : Hydraulic calculations, design of the hydraulic works, production of drawings, Technical Report. <u>Employer</u> : ADT OMEGA., Contact Person: Andrikopoulos Charalampos, Tel: +30 210 7236000
Greece	From 07/2007 to 09/2008	Study for the new Railway Kalampaka – Ioannina - Hgoumenitsa (section Ioannina – Hgoumenitsa) – Phase B Final Drainage Design <u>Position</u> : Associate <u>Duties</u> : Hydraulic calculations, design of the hydraulic works, production of drawings, Technical Report. <u>Employer</u> : ADT OMEGA., Contact Person: Andrikopoulos Charalampos, Tel: +30 210 7236000
Greece	From 05/2007 to 08/2007	Preliminary study for the connection of Industrial area of Viotia with the national Railway network – Phase A Preliminary Drainage Design <u>Position</u> : Associate <u>Duties</u> : Hydraulic calculations, design of the hydraulic works, production of drawings, Technical Report. <u>Employer</u> : ADT OMEGA., Contact Person: Andrikopoulos Charalampos, Tel: +30 210 7236000
Greece	From 09/2006 to 12/2006	Preliminary Hydraulic Design for the E65 – EGNATIA ODOS Interchange Preliminary Drainage Design for the Interchange. <u>Position</u> : Associate <u>Duties</u> : hydraulic calculations, design of the hydraulic works, production of drawings, Technical Report.

Country	Date : From (month/year) to (month/year)	NAME AND BRIEF DESCRIPTION OF THE PROJECT
		Employer: PLANITIKI S.A., Contact Person: Antoniou G., Tel. +30 210-6435005

Volos, 10/04/2016

Signature

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