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CENTRE FOR RESEARCH AND TECHNOLOGY (CE.R.T.H.) • Hellenic Institute of Transport (H.I.T.)
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Head of Laboratory A5 – Risk Analysis and Resilience

I am a registered Professional Engineer at the Technical Chamber of Greece with 20+ years of professional experience. Currently, I am the Head of the Risk Analysis and Resilience Laboratory at the Hellenic Institute of Transport (H.I.T.) and Chair of Technical Committee A.3 “Risk Management” of the World Road Association for cycle 2016-2019 where, since 2008 as Greece’s representative, I have been steering international multidisciplinary working groups in risk and emergency management and I have worked on several projects involving management of risks in road-related infrastructure.

I have in-depth and extensive international experience in three main areas: consulting, engineering, and teaching. In all three areas I have managed multiple projects concurrently, elaborated and implemented business development programs and strategic planning decisions, led and coached multidisciplinary and international teams. I have also taught several courses, including Project Management and Corporate Risk Management, as Assistant Professor at various Universities and I have provided risk management and strategic planning seminars to firms and educational institutions. I also work as an expert consultant to the European Commission and Executive Agencies in the evaluation and follow up of Horizon 2020 proposals.

Core competencies and skill areas

- Enterprise risk management
- Strategic planning, business development and execution
- Technical and academic expertise related to risk & project management, water resources and the environment
- Leadership, team building and ethics
- Project Management
- Adaptability to international environments

Education

Executive Leadership Certificate – Cornell University, USA		2013
(6-course Program: Strategic thinking; Scenario planning; Executive decision making; Leading through creativity; Time value of money; Capital investment decisions)		
Ph.D., Civil and Environmental Engineering – Stanford University, USA	<i>(Research Assistantship)</i>	2005
M.Sc., Civil and Environmental Engineering – Cornell University, USA	<i>(Fellowship)</i>	2001
Integrated Masters, Civil Engineering – National Technical University of Athens (NTUA), Greece		1997

Honors & Awards

World Road Association – 1 st (and only) Chair in a Technical Committee from Greece	2016
Runner-up for the Position of Secretary General of the Conference of European Directors of Roads	2013
ADT-OMEGA S.A. , Greece – Bonus for work performance	2009
Environ International Corporation , USA – Bonus for work performance	2008
Stanford University , CA, USA School of Civil and Environmental Engineering Research Assistantship	2000-2005
Cornell University , NY, USA School of Civil and Environmental Engineering Fellowship	1998
NTUA , Greece – Ranked 1 st in the Sector of Water Resources, Hydraulic & Maritime Engineering	1997
National Technical Chamber , Greece – High Distinction for Diploma Thesis	1997

Thomaidis D. award – Best Student of the School of Civil Engineering at NTUA	1997
Kontodimos V. & K. award – Best Student of the 9 th semester of the School of Civil Engineering NTUA	1997
National Technical Chamber , Greece – Prizes for best performance in the Dept. of Civil Engineering	1993-1997

Languages & Qualifications

Languages

English (Fluent; working language), French (Fluent), Spanish (Very Good), Italian (basic understanding), Greek (Native).

Computer literacy & Quality Management Systems – ISO 9001:2008

Proficiency in MS Office and software related to project management (MS Project), risk analysis, modeling including optimization, statistics (e.g. MATLAB; Minitab), and ArcGIS. Lead Auditor for Quality Management Systems (ISO 9001:2008) course training certificate obtained in 2013 from the International Register of Certified Auditors (IRCA), UK.

Professional Experience (prior to joining the CE.R.T.H/H.I.T.)

Expert Consultant

8/2011 – present

- Expert consultancy to the **European Commission** Directorate General for Research & Innovation (RTD) and several **Executive Agencies** (ERCEA; REA; EASME; INEA) in evaluating Horizon 2020 proposals.
- Expert consultancy to the Greek **Ministry of Infrastructure, Transport and Networks**.
- Provides risk management (ISO 31000:2009; COSO 2004) and strategic planning seminars at the **Hellenic Management Association** (www.eede.gr).
- Supervises and directs projects related to **risk and emergency management, specific hazard investigations and tunnel safety reports** for consultancy firms and the NTUA, Greece.

World Road Association (PIARC) – *Chair and WG Leader of TC - Risk Management*

10/2008 – present

Represents Greece (2008-2011; 2012-2015 and 2016-2019 cycles) in Strategic Theme A (Management and Finance). Leads international multidisciplinary working groups in enterprise risk, emergency situation and business continuity management for the road network. **Chairs the TC in the 2016-2019 cycle.**

- Coordinates the TC's work proceedings and organizes international meetings and seminars/workshops.
- Participates and presents at international meetings, conferences, and workshops.
- Principal author of final reports.

ECHMES Environmental, Chemical & Metallurgical Services Ltd. – *Director General*

4/2014 – 11/2014

In charge of ECHMES Ltd.'s business development, budgeting and project procurement and management.

- Elaborated strategic development plan and improved business performance indices.
- Directed projects related to issuance of Presidential Decree and Ministerial Decision relevant to environmental permitting, licensing and inspections and supervised Environmental Impact Assessment Studies for tourist facilities and mining activities.
- Expert consultancy to the Greek **Ministry of Environment, Energy & Climate Change**.

ADT – OMEGA S.A. – *Head of Environmental Department & Member of the Board of Directors*

10/2008 – 8/2011

Founded top-performing Environmental Department. Achieved turnover growth of over 300%.

- Expanded scope of works to include additional business areas and to provide turn-key packages.
- Supervised large infrastructure projects related to environmental permitting and impact assessment, water resources, waste disposal and risk management.

ENVIRON International Corporation – *Senior Associate (USA Office)*

11/2005 – 8/2008

Coordinated international interdisciplinary teams and actively participated in company's strategic expansion. Conducted several studies to evaluate remedial alternatives for litigation support as expert consultant in contaminant fate and transport modeling and risk analysis; created innovative risk-based decision-making tools.

- Performed strategic analysis to support new business development and demonstrate market potential in SE Europe.
- Conducted several projects related to human health risk assessment, groundwater and soil remediation.
- Created standardized risk analysis tools to streamline QA/QC process and introduce risk-based decision-making.

Academic Expertise

7/1997 – 1/2017

Worked and taught at several Universities (Stanford University, USA; Cornell University, USA; University of Stuttgart, Germany; NTUA, Greece; ALBA Graduate Business School, Greece; Hellenic American University, University of Cyprus).

Adjunct Professor

3/2015 – 1/2017

NTUA, Greece (**Project Management:** 2015 and 2016) and **ALBA Graduate Business School**, Greece (**Corporate & Operational Risk Management:** 2015)

- Taught courses and provided lectures. Supervised theses related to risk and emergency management.
- Participated in the submission of proposals and research concerning tunnel safety and risk assessment.
- Published in and has served as a reviewer for internationally renowned risk analysis, road transport and water resources journals.

Hellenic American University (www.hauniv.edu) – Director of Business and Assistant Professor

6/2016 – 11/2016

- **Director of the Business Division** responsible for the Masters in Business Administration (MBA) and the Bachelor of Science in Business Administration (BSBA) Programs. Assistant Professor. Developed Programs and taught courses in Project Management (BSBA) and Business Landscape (MBA).

Research and Teaching Assistant

7/1997 – 9/2005

- Developed state-of-art numerical methods and novel experimental devices for groundwater flow and transport, integrated probabilistic health risk assessment models based on Monte Carlo simulations.
- Taught several courses as **Teaching Assistant at Cornell and Stanford Universities** and secured approximately \$100,000 in research grants.
- Completed teaching development programs (Stanford Univ. & Cornell Univ.), developed course content and assisted students with group projects. Modeled the groundwater system for the Athens 2004 Olympic Games rowing basin.

Memberships & Activities

Memberships: World Road Association; Professional Engineer registered at the National Technical Chamber of Greece; Hellenic National Association of Civil Engineers; Amicale Française des Ingénieurs et Cadres (AFIC – 2014-16); Association Démocratique des Français de l'Étranger (ADFE – 2015-16); Alumnus of the Hellenic Student Association at Cornell & Stanford Universities; Stanford Club of Greece Board of Directors (2014-16).

Activities: Actively involved in several associations in the French community of Athens, Greece; music (accomplished flutist – Academy of Music in Brussels, Belgium, ex orchestra member); chess (champion in Belgium and Greece); cycling; movies; traveling.

References, Publications & Presentations

Available upon request (22 publications & 33 presentations at international conferences, seminars, and workshops).