

Konstantinos A. KIRYTOPOULOS

Dr.Eng. NTUA, Dipl. Mechanical Engineer NTUA
PMP®, AgilePM®

Professor of Project and Risk Management, NTUA
Director of Metrotechnics Laboratory, NTUA

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Marital status :Married to Dimitra LYMPERI, 2 sons








CAREER

Main occupation

2022-...	National Technical University of Athens , School of Mechanical Engineering, Professor of Project Management and Risk Management
2019-2022	Associate Professor of Project Management and Risk Management
2011-2013 2015-2017	Assistant Professor in the scientific area of Project Management
2005-2007	Research and Teaching Associate (Lecturer rank)
2019-...	University of South Australia , UniSA STEM, Adj. A/Professor of Project Management.
2018-2019	School of Natural & Built Environments, Associate Professor of Project Management.
2013-2015	Senior Lecturer of Construction and Project Management.
2016-2018 2011-2013	Hellenic Open University . Teaching Associate (SEP) in the MSc Construction Management
2007-2010	University of the Aegean , Financial and Management Engineering Dept., Assistant Professor of Project Management and Risk Analysis
2004-2007	Research and Teaching Associate (Lecturer rank)
2000-2007	Freelance consultant in the field of Industrial and Operations Management (specifically: Project Management, Risk Management, Decision Analysis, Business Plans, E-business)

Main administrative responsibilities undertaken

2024-...		Coordinator: Certification Body for persons «Prometheus» - NTUA
2021-...		Deputy Director and Scientific Responsible of the Master in Business Administration (AthensMBA) NTUA-AUEB
2021-...		Director: Metrotechnics Laboratory , School of Mechanical Engineering, NTUA.

2019-2021		Director: Sector of Industrial Management and Operational Research, Mech Eng School, NTUA.
2018		Program Director: Master of Project Management and nested programs (Graduate Diploma / Graduate Certificate) NBE, UniSA.
2016-2018		Scientific Responsible: Interships School of Mechanical Engineering , NTUA.

Research Projects (selected projects / organisations)

- 2021-2022: **Research consortium – NTUA, OCEAN FINANCE IKE, NCSR Demokritos, Volos Port Authority SA, ELOT**, Risk Management System for the design and operation of ships bunkering LNG facilities. Project funded by **EYDE – ETAK**. 783.050,00 €. Principal investigator at the Consortium level.
- 2019-2021: **Research consortium – NTUA, University of Ioannina, NCSR Demokritos, EGNATIA ODOS, TEKMON GEOMATICS**, Holistic Management of resources and emergencies on motorways and Road Tunnels through an Integrated Intelligent Technology System. Project funded by **EYDE – ETAK**. 628.952,30€. Principal investigator / Coordinator.
- 2015: UniSA, Advanced Industrialised and Prefabricated Construction: an Approach to Building Future Economies. **UniSA** seed funding project. AU\$39.950,00
- 2012-2015: NTUA, Upgrading road safety by improving road tunnel users' behavior. Project assigned by Consortium of Companies funded by **EYSED – ETAK** and **General Secretariat for Research and Technology** Greece. €98.000,00 Principal Investigator.
- 2012-2013 **NTUA – Aegean University**, A Holistic Approach for Managing Variability in Contemporary Global Supply Chain Networks. €100.000,00 Principal Investigator.
- 2006-2007: **NTUA**, A risk-based decision support system for corporate knowledge management, **Hestia Publishing House – GSRT**. €27.400,00
- 2003-2006: **NTUA**, Extended parapharmaceutical supply chain with the support of e-commerce tools. €114.000,00
- 2003-2004: **NTUA**, Risk based decision support system for offer evaluation. **GSRT**, Greece – France cooperation. €21.998,00
- 2000-2002: **NTUA**, Project Risk Management - PRIMA. European research project that dealt with risk management during the early phase of a project. €270.098,00 Work Packages Leader.

Professional Experience – Consulting (selected projects / organisations)

- 2024: NTUA, Process mapping and proposals for further advancement of the Hellenic Cables project management system. Project assigned by **FULGOR SA (CENERGY Holdings)**.
- 2023: NTUA, Υποστήριξη σχεδιασμού εργαλείου και μεθόδου διαχείρισης κινδύνων για την ΤΕΡΝΑ ΑΕ – εταιρικό επίπεδο. Project assigned by **TERNA SA**.
- 2022: Business Continuity for critical Organisations related to the supply chain of natural gas. Project assigned by the **Regulatory Authority for Energy (RAE)**.
- 2021-2022: NTUA, Risk management for the Hellinikon project proposal. Project assigned by **TERNA SA**.
- 2012-2013: NTUA, Risk analysis in road tunnels over 500m of **EGNATIA ODOS SA**. (31 road tunnels). Project assigned by **GLOBAL VIEW A.E.**
- 2009: NTUA, Preparation and support for EYSED – ETAK and GSRT for securing the managerial capability for co-funded projects and programmes of the European Support Framework 2007 – 13. Project assigned by **EYSED – ETAK** and **General Secretariat for Research and Technology**.

- 2008-2009: NTUA, Risk analysis in road tunnels (Metsovon territory). Project assigned by **EGNATIA ODOS SA**.
- 2008: NTUA, Establishment of a management system for securing the managerial capability for co-funded projects and programmes. Project assigned by **Ilion Municipality**.
- 2008: Development of a master quality management plan for efficiently handling of quality issues in construction projects. Project assigned by **ARCON Constructions** company. Work accomplished in cooperation with **Critical Path Consultants**.
- 2007-2008: **ELOT**, Development of ELOT 1429 standard “Managerial Capability of organisations implementing projects of public interests - Requirements”. Expert of the working group WG1 / TC 95.
- 2006: Construction Project scheduling for the **ARCON Constructions** company.
- 2004: Preliminary operational risk analysis for the Thessaloniki submerged tunnel. The project was awarded by the consortium SIRAGA THERMAIKOU (**Vinci Grand Projets – J&P ABAX – NBG**).
- 2002: **Hellenic Petroleum**. Project Planning and Preparation for the implementation and activation of the SAP R/3 system.
- 2002: **AIRBUS France**, Risk Management during the production cost estimation process for new aircraft releases.
- 2001-2002: **Hellenic Petroleum**. Risk Management on SAP R/3 installation project.

Compulsory Military Obligations

2003-2004: Corporal of the Technical Department (Army). Outlays Management Office, Rhodes - Greece. Procurement Management Office, Athens - Greece.

Involvement in business related organisations

Member of THC (RNo: 84189), Hellenic Association of Mechanical and Electrical Engineers - HAMEE, Project Management Institute - USA, PMI Greece, PMI Adelaide, Greek Tunneling Society, Hellenic Operational Research Society (HELORS).

STUDIES

Basic Studies

- 2003: **Doctor of Engineering**, National Technical University of Athens (NTUA), sector of Industrial Management and Operational Research, School of Mechanical Engineering. DrEng Subject: “Risk Management in complex technological projects during the bidding process”.
- 1999: **Diploma (Integrated Masters: Bachelor + MEng equivalent) in Mechanical Engineering**. National Technical University of Athens, Mechanical Engineer with expertise in Industrial Management and Operational Research.

Professional Qualifications

- 2015: **Agile Project Management Practitioner** by the APMG-International, UK.
- 2012: **Accredited trainer of continuing vocational training** by the Greek National Organisation for Accreditation of Qualifications & Vocational Guidance.
- 2007: **PMP: Project Management Professional®** accredited by Project Management Institute, USA – *currently active*.

Languages

Greek (native speaker), **English** (full working proficiency)

DISTINCTIONS

2024: **Teaching commendation** for outstanding teaching in student series 2021-2023 of Part-Time MBA, Athens University of Economic & Business (AUEB).

2022: **Teaching commendation** for outstanding teaching in student series 2019-2021 of Part-Time MBA, Athens University of Economic & Business (AUEB).

2018: Emerald **Literati Award**: Highly commended [article](#) (research paper on optimism bias in project management), Emerald Publishing.

2018: **Outstanding contribution in Reviewing**, Elsevier, Tunnelling and Underground Space Technology journal.

2018: **Outstanding contribution in Reviewing**, Elsevier, Computers & Industrial Engineering journal.

2014: **Winner** of the five Minutes Research Thesis (5MRT), 2014 NBE Research Colloquium, University of South Australia.

2017-2018: **Subject Matter Expert** (core development team) for ISO 21508: Earned value management in project and programme management.

2012-...: **Representative-Subject Matter Expert of ELOT/Greece** at ISO **TC 258** Project, programme and portfolio management.

2011-2013: **General Secretary** of the **Board of Directors** of the **Hellenic Institute of Production and Operations' Management**, HMA.

2011: **Subject Matter Expert Reviewer** – Risk Management - **ANSI PMBOK 5th ed**, Project Management Institute.

2008-2013: **Representative-Subject Matter Expert of ELOT/Greece** at ISO TC236 for the development of ISO21500 Project Management Standard.

2007-2010: **Risk SIG Liaison** in Greece. Acts as the link between the Greek members of the Project Management Institute and the Risk SIG – PMI component.

2003: Earned Special Distinction from the General – Commander of South Aegean Force for my performance in the Sergeants'/Corporals' training school.

2002: Earned **NTUA's fellowship** for the fulfilment of the PhD studies.

2000: Earned **Award** from the Technical Hellenic Chamber (THC), due to the outstanding performance during the last year of studies in the Mechanical Engineering School of NTUA.

ACADEMIC ACTIVITY

Teaching performance

Consistently ranking among the top tutors in student evaluations. Highlights:

2022: Teaching commendation 2019-2021 from Part-Time MBA, AUEB.

2018: UniSA, Masters in PM, post-grad, 1 out of all tutors, score: 96 [-100 to 100]

2015: UniSA, Masters in PM, post-grad, 1 out of all tutors, score: 98 [-100 to 100]

2009: NTUA, AthensMBA, post-grad, 2 out of 26 tutors, score: 88 [0-100]

Courses Taught

#	Course	University	Level	Acad. Years
1.	Project and Programme Management	NTUA-AUEB	Post-graduate	(2008-2013; 2016-2018; 2019-...)
2.	Total Quality Management	NTUA-AUEB	Post-graduate	(2016-2017; 2019-...)
3.	Economics of Construction	HOU	Post-graduate	(2011-2013; 2016-2018; 2019-...)
4.	Project Management	AUEB	Post-graduate	(2020-...)
5.	Project Control Methods (BUSS 5163)	UniSA	Post-graduate	(2018-2019)
6.	Project Control Methods (MPM 414)	OUA	Post-graduate	(2018-2019)
7.	Project and Risk Management	UniAegean	Post-graduate	(2005-2011)
8.	Project Management	AIT	Post-graduate	(2007-2008)
9.	Project Management	NTUA	Under-graduate	(2003-2007; 2010-2013; 2015-2017;

#	Course	University	Level	Acad. Years
				2020-...)
10.	Operations Research I	NTUA	Under-graduate	(2010-2013; 2015-2017)
11.	Business Game	NTUA	Under-graduate	(2011-2013; 2016-2017; 2019-...)
12.	Decision Support Systems	NTUA	Under-graduate	(2006-2007; 2010-2013; 2015-2017; 2019-)
13.	Risk Management & Business Continuity	NTUA	Under-graduate	(2020-...)
14.	Quality Management	NTUA	Under-graduate	(2005-2006; 2021-...)
15.	Project Management	UniAegean	Under-graduate	(2004-2011)
16.	Risk Analysis	UniAegean	Under-graduate	(2004-2011)
17.	Occupational Health & Safety	NTUA	Under-graduate	(2005-2007)
18.	Production Scheduling and Control I	NTUA	Under-graduate	(2004-2007)
19.	Business Game	UniAegean	Under-graduate	(2006-2010)
<i>Courses currently taught are in bold</i>				
AIT: Athens Information Technology AUEB: Athens University of Economics & Business HOU: Hellenic Open University NTUA: National Technical University of Athens OUA: Open Universities Australia UniAegean: University of the Aegean UniSA: University of South Australia				

Publications

Scopus h-Index: 16 (excluding self-citations of all authors)

For publications appearing in **Scopus** [click here](#).

For publications appearing in **Google Scholar** [click here](#).

Strict selection of publications:

Books

1. Κηρυττόπουλος, Κ. 2021, [Διαχείριση Κινδύνων σε Έργα και Οργανισμούς](#), Εκδόσεις Κλειδάριθμος, Αθήνα.
2. Kirytopoulos, K., Voulgaridou, D. and Leopoulos, V. 2010, ‘Upgrading effectiveness in VEs: Decision framework based on the Benefits, Opportunities, Costs and Risks (BOCR) model, in Ponis, S. (ed), *Managing Risk in Virtual Enterprise Networks: Implementing Supply Chain Principles*, IGI Global, 263-289.
3. Κηρυττόπουλος, Κ. 2006, [Εγχειρίδιο Διαχείρισης Κινδύνων Έργων](#), Εκδόσεις Κλειδάριθμος, Αθήνα. (Handbook of Project Risk Management - book published in Greek).

*In **international journals** (peer reviewed)*

1. Prater, J. & Kirytopoulos, K. 2024, “Project Managers: Old, grumpy and suspicious or just “once bitten, twice shy?””, *International Journal of Managing Projects in Business*, 17(2), 201-224.
2. Kirytopoulos, K., Mourelatos, A., Chatzistelios, G., Ntzeremes, P. & Konstantinidou, M. 2024, “A virtual reality instrument to raise drivers’ awareness on safer driving through road tunnels”, *Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability*, 238(3), 451-463.
3. Lee, J., Kirytopoulos, K., Pervez, A. & Huang, H. 2022, “Understanding Drivers' Awareness, Habits and Intentions inside Road Tunnels for Effective Safety Policies”, *Accident Analysis and Prevention*, 172(July 2022), 106690.
4. Stanitsas, M. & Kirytopoulos, K. 2021, “Underlying factors for successful project management to construct sustainable built assets”, *Built Environment Project and Asset Management*, 12(2), 129-146.

5. Derakhshanfar, H., Ochoa Paniagua, J., Kirytopoulos, K., Mayer, W. & Langston, C. 2020, "A cartography of delay risks in the Australian construction industry: impact, correlations and timing", *Engineering, Construction and Architectural Management*, 28(7), 1952-1978.
6. Kalogeropoulos, T, Leopoulos, V, Kirytopoulos, K & Ventoura, Z 2020, 'Project-as-Practice: Applying Bourdieu's Theory of Practice on Project Managers', *Project Management Journal*, 51(6), 599-616.
7. Le Phuong, T, Chileshe, N, Kirytopoulos, K & Rameezdeen, R 2020, 'Investigating the significance of risks in BOT transportation projects in Vietnam', *Engineering, Construction and Architectural Management*, 20(6), 1401-25.
8. Prater, J, Kirytopoulos, K & Ma, T 2019, 'Dilbert Moments: Exploring the Factors Impacting Upon the Accuracy of Project Managers' Baseline Schedules', *International Journal of Information Technology Project Management (IJITPM)*, 10(2), 29-40.
9. Ntzeremes, P. & Kirytopoulos, K. 2018, "Applying a stochastic-based approach for developing a quantitative risk assessment method on the fire safety of underground road tunnels", *Tunnelling and Underground Space Technology*, Elsevier, 81, 619-631.
10. Kirytopoulos, K, Kazaras, K, Papapavlou, P, Ntzeremes, P & Tatsiopoulou, I 2017, 'Exploring driving habits and safety critical behavioural intentions among road tunnel users: A questionnaire survey in Greece', *Tunnelling and Underground Space Technology*, 63, 244-51.
11. Prater, J, Kirytopoulos, K and Ma, T 2017, 'Optimism bias within the project management context: A systematic quantitative literature review', *International Journal of Managing Projects in Business*, 10(2), 370-385. **Emerald Literati Award winning paper: Highly commended [article](#) 2018.**
12. Blixt, C. and Kirytopoulos, K. 2017, "Challenges and competencies for project management in the Australian Public Service", *International Journal of Public Sector Management*, 30(3), 286-300.
13. Qazi, A, Quigley, J, Dickson, A & Kirytopoulos, K 2016, 'Project Complexity and Risk Management (ProCRiM): Towards modelling project complexity driven risk paths in construction projects', *International Journal of Project Management*, 34(7), 1183-1198.
14. Kazaras, K., Kontogiannis, T. and Kirytopoulos, K. 2014, 'Proactive assessment of breaches of safety constraints and causal organizational breakdowns in complex systems: A joint STAMP-VSM framework for safety assessment', *Safety Science*, 62, 233-247.

In international conference proceedings (peer reviewed).

1. Kirytopoulos, K., Mourelatos, A, Chatzistelios, G., Ntzeremes, P. & Konstantinidou, M. 2021, 'Employing serious games to increase safety in driving through road tunnels', in Bruno Castanier, Marko Cepin, David Bigaud and Christophe Berenguer (eds), *Proceedings of the 31st European Safety and Reliability Conference (ESREL 2021)*, European Safety and Reliability Association, Research Publishing, Angers, France, 19-23 September, 1069-1075.
2. Kirytopoulos, K., Ntzeremes, P., Chatzistelios, G., Saramourtsis, A., Tsantsanoglou, A. & Konstantinidou, M. 2020, 'How much do Greek drivers know about safety when driving through road tunnels?', in Piero Baraldi, Francesco Di Maio and Enrico Zio (eds), *Proceedings of the 30th European Safety and Reliability Conference (ESREL 2020)*, European Safety and Reliability Association, Research Publishing, Venice, Italy, November 1-6, published electronically, paper number 4108. <https://www.rpsonline.com.sg/proceedings/esrel2020/html/4108.xml>
3. Prater, J., Kirytopoulos, K., & Ma, T. 2019, 'An Investigation of Estimation Techniques for Information Technology Projects', *Proceedings of the 2019 IEEE International Conference on Industrial Engineering and Engineering Management*

- (IEEM), Macao, Macao, 15 Dec – 18 Dec 2019, IEEE, 779-783.
<https://ieeexplore.ieee.org/document/8978554>
4. Kalogeropoulos, T., Leopoulos, V., Kirytopoulos, K., Panagiotopoulos, N. & Ventura, Z. 2018, “Project as practice: A Bourdieuan approach”, *e-Proceedings of the European Academy of Management Conference (EURAM 2018)*, University of Iceland, Reykjavik, Iceland, June 19-22, pp. 1-32.
 5. Ntzeremes, P. & Kirytopoulos, K, 2018, “A stochastic-based evacuation model for risk assessment in road tunnel fire accidents and the importance of educating users”, in Haugen, Barros, van Gulijk, Kongsvik & Vinnem (eds), *Proceedings of the 28th international european safety and reliability conference (ESREL 2018)*, CRC Press, Trondheim, Norway, June 17–21, pp. 2185-2191.
 6. Jepson, J, Kirytopoulos, K 2016, 'Investigating the usage of risk management tools and techniques in the construction industry: a literature perspective', in R Ruiz & R Alvarez-Valdes (eds), *Proceedings of the 15th International Conference on Project Management and Scheduling*, Universitat de València, 73-176.
 7. Chatzoglou, K, Rokou, E & Kirytopoulos, K 2015, 'Progress@NTUA: Training Engineers in Project Scheduling', in S Ahmed et al (eds), *The Proceedings of the 8th International Conference on Construction in the 21st Century*, Thessaloniki, Greece, May 27-30, CITC-8, pp. 486-492.
 8. Rassias, N. and Kirytopoulos, K. 2014, ‘Evaluating risk factors in the operation of virtual teams in ICT projects’, in Ahmed, P., Jiao, R., Teh, PL. and Xie, M. (eds), *Proceedings of the 2014 International Conference on Industrial Engineering and Engineering Management (IEEM)*, Selangor, Malaysia, 9 Dec – 12 Dec 2014, IEEE, CD-ROM Proceedings.
 9. Rokou, E., Kirytopoulos, K. and Drivaliaris, D. 2014, ‘Towards integrating extensions of resource constrained project scheduling problem’, *Proceedings of the 14th International Conference on Project Management and Scheduling*, TUM School of Management, March 30th – April 2nd, Munich, pp. 197-201.
 10. Kirytopoulos, K., Rentizelas, A., Kazaras, K. and Tatsiopoulos, I. 2010, ‘Quantitative operational risk analysis for dangerous goods transportation through cut and cover road tunnels’, *Proceedings of ESREL 2010 Conference*, Taylor & Francis, Rhodes 5-9 September, 167-172.
 11. Kirytopoulos, K., Voulgaridou, D. and Leopoulos, V. 2010, ‘Too many cooks spoil the broth, or may be not?’, *Proceedings of the 2010 PMI Global Congress EMEA*, Project Management Institute, Milan, Italy, CD-ROM proceedings.

Invited seminars – lectures given (selection)

- 2023, Speaker at **ITACET** Training Seminar on "Risk management and sustainable underground solutions" 12-13 May 2023 - Athens. Presentation topic: Holistic Management of emergencies handling on Road Tunnels.
- 2021, Speaker at the professional conference "**Construction Project Management Conference**" held on 23 November 2021 online and organized by Boussias communication. Speech topic: Construction Project Management and the Guardians of the Galaxy!
- 2018, Keynote speaker for the International Seminar on Disaster and Risk Management for Roads, 7-9 Nov 2018 Hanoi, Vietnam, **World Road Association (PIARC)** TC E.3 and TC A.3, Topic: Designing and Implementing Effective Drills - Lessons Learned from Road Tunnels.
- 2018, Presentation at the **Project Management Institute, Adelaide Chapter**. Topic: Risks Are There, Be Aware! Tips and Tricks for Project Risk Management.
- 2014, Participant in panel “Contribution of data analytics to risk management”, 2014 International Conference on Industrial Engineering and Engineering Management (IEEM), Selangor, Malaysia, 9 Dec – 12 Dec 2014, **IEEE**.
- 2013, Presentation at the **Hellenic Association of Mechanical and Electrical Engineers** – Athens. Presentation entitled: Risk management according to ISO31000/2009: Casus belli or peace treaty?

- 2010, Presentation at the **PMI Global Congress** EMEA – Milan. Presentation entitled “Too many cooks spoil the broth, or may be not?”.
- 2008, Presentation at the **22nd IPMA World Congress**, IPMA, Rome. Presentation entitled “No bee no honey, no risk no money!”.
- 2007: Presentation at the **PMI Global Congress** EMEA – Budapest. Presentation entitled “Incorporating risks in schedule development. You have the tools, can you get the info?”.
- 2007: Keynote speaker at “Project Risk Management Event” that took place on the 22nd Feb. 2007 at **OTE Academy** and was organised by the **Project Management Institute** (Greek chapter). Speech subject: Presentation of the book “**Project Risk Management Handbook**” (published in Greek).
- 2006: Internal seminar at **HELLENIC TELECOMMUNICATIONS & POST COMMISSION** on “Project Management” (co-operation with **Planning Consultants**).
- 2006: Seminar for construction industry managers, through the **Human Development Authority of Cyprus**, on “Project Management” (co-operation with Planning Consultants Cyprus).

PhD Theses supervision

Supervision of 6 successfully completed PhD Theses as primary supervisor and 2 as co-supervisor in the scientific field of project and risk management. Currently supervising (principal supervisor) 5 students.

Theses supervision

Supervision of more than 100 successfully completed Theses at graduate and post-graduate level most of them related to Project Management and Risk Analysis.

SOCIAL ACTIVITIES

Tennis, First aid.

Athens, August 2024

Faithfully,

Konstantinos KIRYTOPOULOS