

CURRUCULUM VITAE

OF

KLEOPATRA PETROUTSATOU

Dr. Civil Engineer

Associate Professor

Civil Engineering Department

Aristotle University of Thessaloniki

August 2023



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FULL CV

CURRICULUM VITAE

Klery (Kleopatra) Petrousatou is born in Athens in 1972. She has three girls. In April 2013 was appointed (GOV. C'429/16-04-2013) Lecture in Transport, Infrastructure, Management and Regional Planning Engineering Division of Civil Engineering Department of Aristotle University of Thessaloniki. Her area of expertise is Construction Equipment and Management of Infrastructure Projects. In September 2016 was appointed (GOV. C'849/13-09-2016) Assistant Professor in Transport and Project Management Division of Civil Engineering Department of Aristotle University of Thessaloniki. In April 2020 was appointed (GOV. C'503/22-04-2020) as regular Assistant Professor in Transport and Project Management Division of Civil Engineering Department of Aristotle University of Thessaloniki. In December 2022 was appointed as Associate Professor (GOV. C'3103/15-12-2022). Her area of expertise is Construction Equipment, Cost and Management of Civil Engineering Projects.

A. STUDIES

- May 2008: Doctor Engineer, National Technical University of Athens (NTUA), School of Civil Engineering, Dept. of Construction, Engineering & Management. Title of Thesis: “An integrated cost pre-estimating system of construction cost of road tunnels”.
- 1996–1997: Sc. in Engineering Business Management (with Distinction), University of Warwick, United Kingdom. Title of Thesis: “Global Marketing Strategies for Small-Medium Enterprises. The case of Greece”.
- 1991–1996: Diploma of Civil Engineering (Structural Division), Civil Engineering School, National Technical University of Athens. Title of Thesis: “Quality Management Systems for Construction Companies”.

B. CERTIFICATES OF PROFESSIONAL EXPERTISE

- 2006: Register of Construction Experience
- 1997: Quality Management System Auditor (IRCA/IQA Certification No. A7727 Lead Assessor/ TUVCertAuditor 2000)
- 1996: Professional License of Civil Engineer

C. FOREIGN LANGUAGES

- **English:** Proficiency of Cambridge (British Council, December 1995)
- **French:** Sorbonne 2eme Degree (Istitute Francais D' Athenes, April 1999)
- **Italian:** Diploma Della Lingua Italiana (Istituto Italiano Di Cultura, June 2007)

D. INSTRUCTION

- 18-23 September 2016

Seminar “International EU Grant Academy for Research and Innovation”, Portoroz, Slovenia, organized by RR & CO. Knowledge Centre Ltd. Certification for the submission and coordination of proposals under the European Scheme of Horizon 2020

- 25-26 April 2016

RISK MANAGEMENT – Seminar 16 hours organized by TUV HELLAS (Certification Number: 09.09.2733-17)

- 04-05 April 2016

ANNEX SL APPENDIX 2 & ISO 9001:2015 – Seminar 16 hours organized by TUV HELLAS (Certification Number: IQ-AT0405)

- October 2014

3-Day Seminar for Distance Learning, Open University of Greece

- September 2010

“Seminar on Planning and Management of Co-financed Actions”, Institute of Education of Ministry of Internal Affairs

- 21-23 January 2010

“Success Factors of the Management of Civil Engineering Projects”, Technical Chamber of Greece, Greek Association of Civil Engineers

- 2-13 June 2008

“Operation Systems of Public Institutions”, Institute of Education of Ministry of Internal Affairs

- 18-28 September 2007

“Public Works”, Institute of Education of Ministry of Internal Affairs

- 24 January – 2 February 2005

“Financial Appraisal of Projects”, Technical Chamber of Greece

- 13-14 January 2003

“Training and Continuous Instruction on Construction Management – Needs and Perspectives”, National Technical University of Athens, School of Civil Engineering, Construction Management Division and Technical Chamber of Greece

- 2001-2002

Post Graduate Courses in National Technical University of Athens: Technical Geology and Design of Undergraduate Projects

- January 2000

2-Day Seminar on “Resilience of Buildings after Earthquakes”, Technical Chamber of Greece

- 21-26 July 1997

“Project Finance: Financial Modelling for Project Financing”, Euro-money Training, London.

- 1994-2006

Courses on Information Technology Software: Primavera, Project, SureTrak, Fespa, AutoCAD, SPSS, Neural Networks

E. ACADEMIC EXPERIENCE

[*Aristotle University of Thessaloniki, Civil Engineering Department, Transport and Project Management Division*](#)

December 2022 up today

Associate Professor: Project Management, Estimating Techniques of Construction Output, Operational Analysis, Construction Equipment and Economics, Construction Methods, Planning and Management of Underground Projects, Infrastructure and Large Project Procurement

[*Aristotle University of Thessaloniki, Civil Engineering Department, Transport and Project Management Division*](#)

April 2013 up to 2022

Assistant Professor: Project Management, Estimating Techniques of Construction Output, Operational Analysis, Construction Equipment and Economics, Construction Methods, Planning and Management of Underground Projects, Infrastructure and Large Project Procurement

[*Hellenic Open University – HOU*](#)

September 2014 up to 2020

Adjunct Professor at the Post Graduate Course: “[Engineering Project management](#)”, Course: “[Principles of Construction Organization and Management](#)”. Supervisor at postgraduate thesis.

[*Technical University of Crete, Production Engineering & Management Department*](#)

2008-2009

Associate Professor: Strategic Planning

National Technical University of Athens, Civil Engineering School

2004-2007

Assistant lecturer: Construction equipment and Construction methods, Production Management of Technical Projects.

F. RESEARCH INTERESTS

- Construction Equipment Management and Economics
- Estimating Construction Cost of Civil Works
- Forecasting of Construction Project Output
- Life-Cycle Cost of Civil Works
- Value Asset Management
- Value Engineering
- Investments' Evaluation of Civil Works
- Infrastructure and Large Project Procurement
- Resilience Engineering
- Management of Construction Companies
- Management of Information Systems in Civil Engineering Projects

G. PUBLICATIONS

Editor in Books and Journals

1. K. Petroutsatou, C. Zopounidis. “**Financial Evaluation and Risk Management of Infrastructure Projects**“, September 2023, ISBN13: 9781668477861, IGI Global.
2. K. Petroutsatou. “**Costs and Cost Analysis in Construction Project Management**”, A special issue of *Buildings* , October 2022, ISSN 2075-5309, MDPI.

Text Books

1. K. Petroutsatou, C. Zopounidis. “**Financial Evaluation and Risk Management of Infrastructure Projects**“, September 2023, ISBN13: 9781668477861, IGI Global
2. K. Petroutsatou, M. Marinelli. “**Construction Equipment, Operational Analysis and Economics of Civil Engineering Projects**», October 2018, ISBN 978-960-58-6253-4, KRITIKI Publications.
3. Lambropoulos, M. Marinelli, K. Petroutsatou. “**Construction Equipment and Methods**”, September 2014, ISBN 978-960-93-6280-1.

University Lecture Notes

1. K. Petroutsatou. “**Management of Public Works Contracts**”, September 2019, Post Graduate Courses at Hellenic Open University.
2. K. Petroutsatou. “**Management of Public Works Contracts**”, February 2018, Dpt. Civil Engineering Aristotle University of Thessaloniki. Post Graduate Course Hellenic Open University (September 2019).
3. K. Petroutsatou, K. Zopounidis. “**Strategic Scheduling**”, p. 70, 9th semester, Dpt. of Production Engineering & Management, Technical University of Crete, Chania, 2008.
4. K. Petroutsatou, S. Lambropoulos. Chapter: “**Construction Methods of Tunnels**”, p. 40, Lecture notes: “**Construction Equipment and Methods**”, 6th semester, Dpt. of Engineering Construction & Management, School of Civil Engineering of National Technical University of Athens, 2005.

Other Works

1. “**Greek Motorway Concessions**”, Report of the General Secretariat for Concessions, Ministry of Infrastructure, Transport and Networks, p. 171, September 2011, Athens, Greece. Submitted to the Greek Parliament for Consultation October 2011.
2. “**Performance Measurements**”, 2000 from the Quality Team of The Hellenic Management Association Institute of Planning & Production Management and presentation of results during the events of the Institute in 2000.
3. “**Benchmarking**”, 1999 from the Quality Team of The Hellenic Management Association Institute of Planning & Production Management and Presentation of results during the Events of the European Quality Week in Greece for the 1999.

Articles in International Scientific Journals with Peer Review

1. “**Investigating the Risks of Time & Cost Overruns in Infrastructure Projects**”, Petroutsatou K., Vagdatli T., Chronaki M., Samouilidou P., Book Chapter, Financial Evaluation and Risk Management of Infrastructure Projects, Under Review 2023, ISBN13: 9781668477861, IGI Global
2. “**Exploring the Mechanisms for Value-for-Money Diffusion in the Design and Procurement of EU Public Infrastructure Projects**”, Antoniou F., Marinelli M., Petroutsatou K., Book Chapter, Financial Evaluation and Risk Management of Infrastructure Projects, Accepted June 2023, ISBN13: 9781668477861, IGI Global
3. “**Risk Assessment of Mining Projects using the Fuzzy Analytic Hierarchy Process**”, Petroutsatou K., Antoniou F., Markoulakis E.S., Safety Science, Elsevier, Under Review, July 2023
4. “**Productivity Analysis and Associated Risks in Steel Structures**”, Petroutsatou K., Kantilierakis D., Buildings, 2023, 13(4), 905, [doi:10.3390/buildings13040905](https://doi.org/10.3390/buildings13040905)
5. “**Construction Equipment’s Residual Market Value Estimation Using Machine Learning**”, Petroutsatou K., Ladopoulos I., Polyzos M., The XIV Virtual Balkan Conference on Operational Research (Virtual BALCOR 2020),

- Thessaloniki, Greece, 30 September – 3 October 2020, ISBN 978-618-85079-0-6, [Springer Proceedings in Business and Economics](#), 2023, pp. 195–203.
6. **“Probabilistic approach of pre-estimating life-cycle costs of road tunnels”**, Petroutsatou K., Vagdatli T., Maravas A., *Structure and Infrastructure Engineering*, Elsevier, 2023, [doi:10.1080/15732479.2023.2165120](https://doi.org/10.1080/15732479.2023.2165120)
 7. **“Modelling Approaches of Life Cycle Cost-Benefit Analysis of Road Infrastructure: A Critical Review and Future Directions”**, Vagdatli T., Petroutsatou K., *Building*, 2023,13(1) 94, [doi:10.3390/buildings13010094](https://doi.org/10.3390/buildings13010094)
 8. **“Scientometric Analysis and AHP for Hierarchizing Criteria Affecting Construction Equipment Operators’ Performance”**, Petroutsatou K., Ladopoulos I., Tsakelidou K., *Sustainability*, 2022, 14(11), 6836, [doi:10.3390/su14116836](https://doi.org/10.3390/su14116836).
 9. **“Intergrated Prescriptive Maintenance System (PREMSYS) for Construction Equipment Based on Productivity”**, Petroutsatou K., Ladopoulos I., *IOP Conf. Series: Materials Science and Engineering*, 1218 (2022) 012006, p. 1-9, [doi:10.1088/1757-899X/1218/1/012006](https://doi.org/10.1088/1757-899X/1218/1/012006).
 10. **“Comparative Evaluation of Fleet Management Software in the Greek Construction Industry”**, Petroutsatou K., Ladopoulos I., Vlachokostas G., *IOP Conf. Series: Materials Science and Engineering*, 1218 (2022) 012025, p. 1-9, [doi:10.1088/1757-899X/1218/1/012025](https://doi.org/10.1088/1757-899X/1218/1/012025).
 11. **“Dynamic Planning of Construction Site for Linear Projects”**, Petroutsatou K., Apostolidis N., Zarkada A., Ntokou A., *Infrastructures*, 2021 6(2), 21, MDPI, <https://doi.org/10.3390/infrastructures6020021>.
 12. **“A life cycle model for estimating road tunnel cost”**, Petroutsatou K., Maravas A., Saramourtsis A., *Tunnelling and Underground Space Technology*, 2021, Vol. 111, Elsevier, <https://doi.org/10.1016/j.tust.2021.103858>.
 13. **“Hierarchizing the Criteria of Construction Equipment Procurement Decision Using the AHP Method”**, Petroutsatou K., Ladopoulos I., Nalmpantis D., *IEEE Transactions on Engineering Management*, Accepted May 2021, 2023, 70(9), pp. 3271–3282, [doi: 10.1109/TEM.2021.3080117](https://doi.org/10.1109/TEM.2021.3080117)
 14. **“CBA and probabilistic risk analysis tool for non-revenue generating infrastructure projects. The case of Greece”**, Vagdatli T., Petroutsatou K., *Cases Studies on Transport Policy*, ELSEVIER, accepted October 2020, Vol 9 (1), pp. 103-124, <https://doi.org/10.1016/j.cstp.2020.10.004>.
 15. **“Comparative Analysis of Methodologies for Calculating the Economic Life of Construction Equipment”**, Ladopoulos I., Petroutsatou K., Polyzos S. *The 10th International Conference on Engineering, Project, and Production Management, Lectures Notes in Mechanical Engineering*, Springer, March 2020, pp. 187-196, https://doi.org/10.1007/978-981-15-1910-9_16.
 16. **“Analysis of Construction Machinery Market: The Case of Greece”**, Petroutsatou K., Giannoulis P., *International Journal of Construction Management*, TAYLOR & FRANCIS, published March 2020, <https://doi.org/10.1080/15623599.2020.1741491>.
 17. **“A Proposal of Project Management Practices in Public Institutions through a Comparative Analysis of Critical Path Method and Critical Chain”**, Petroutsatou K., *International Journal of Construction Management*, TAYLOR & FRANCIS, published 5 June 2019, DOI: <https://doi.org/10.1080/15623599.2019.1619225>.

18. **“Rethinking New Public Infrastructure Value for Money in Recession Times: The Greek Case”**, Marinelli M., **Petroutsatou K.**, Fragakis N., Lambropoulos S., *International Journal of Construction Management*, 18 (4), 2018, TAYLOR & FRANCIS, pp. 331-342.
19. **“Exploring the consequences of human multitasking in industrial automation projects: a tool to mitigate impacts – Part II”**, **Petroutsatou K.**, Sifniadis A., *Organization, Technology and Management in Construction: an International Journal*, 10(1), 2018, 1770-1777, <https://doi.org/10.1515/otmcj-2016-0031>, De Gruyter.
20. **“Exploring the consequences of human resources multitasking in industrial automation projects: a tool to mitigate impacts”**, Sifniadis A., **Petroutsatou K.**, *Procedia Engineering*, 196 (2017), pp. 738-745, <https://doi.org/10.1016/j.proeng.2017.08.002>,
21. **“A thematic review of the main research on construction equipment over the recent years”**, Naskoudakis I., **Petroutsatou K.**, *Polytech. Arch.*, Vol. 47, No. 2 (2016), pp. 110-118.
22. **“A thematic review of main researches on construction equipment over the recent years”**, Naskoudakis I., **Petroutsatou K.**, *Procedia Engineering*, 164 (2016), pp. 206-213, <https://doi.org/10.1016/j.proeng.2016.11.611>, ELSEVIER.
23. **“Electronic Building Permission System: The Case of Greece”**, Bellos C., **Petroutsatou K.**, Anthopoulos L., *Procedia Engineering*, 2015, Vol. 123, pp. 50-58, ELSEVIER.
24. **“Earthmoving Trucks Condition Level Prediction Using Neural Networks”**, Marinelli M., Lambropoulos S., **Petroutsatou K.**, *Journal of Quality in Maintenance Engineering*, 2014, 20, No. 2 pp. 182-192, EMERALD.
25. **“Greek Motorway Concession Contracts in Progress under Financial Stress: a Rebalancing Proposal”**, **Petroutsatou K.**, Lambropoulos S., Trezou S., *Procedia Social and Behavioral Sciences*, 2012, Vol. 48, pp. 2150-2158.
26. **“Early Cost Estimating of Road Tunnel Construction Using Neural Networks”**, **Petroutsatou K.**, Georgopoulos E., Lambropoulos S., Pantouvakis J.P., *Journal of Construction Engineering and Management*, ASCE, June 2012, Vol. 138, No. 6, pp. 679-687.
27. **“Road tunnels construction cost estimation: a structural equation model development and comparison”**, **Petroutsatou K.**, Lambropoulos S., *Operational Research: An International Journal*, August 2010, Vol. 10, No 2, pp. 163-173, Springer Publications.
28. **“Road Tunnelling in Variable Ground in Greece: Design Practices, Construction Methods and Cost Estimates”**, **Petroutsatou K.**, Lambropoulos S., Kavvadas M., *International Journal of Engineering and Management*, Vol. 1, No. 2, July-December 2009, pp. 123-135, Research Science Press, New Delhi, INDIA.
29. **“Road Tunnel Cost Estimates Using Multiple Regression Analysis”**, **Petroutsatou C.**, Lambropoulos S., Pantouvakis J.P., *Operational Research. An International Journal*, 2006, Vol. 6, No. 3, pp. 311-322.

Articles in Greek Scientific Journals with Peer Review

1. **“Pre-Estimation of Road Tunnel Construction Cost”**, Technika Chronika I, Scientific Journal of the Technical Chamber of Greece, Jan.-Aug. 2007, Vol. 27, No. 1-2, pp. 99-110.

Articles in International Scientific Conferences with Peer Review

1. **“A service Value Predictive System of Componetized Infrastructure Assets”**, Petroutsatou K., Vagdatli T., Voutsis M., Panetsos P., Barmpa Z., Eighth Intrnational Symposium on Life-Cycle Civil Engineering, IALCCE 2023, Polytecnico di Milano, Milano, July 2-6, Taylor & Francis, ISBN: 978-1-003-32302-0, DOI: 10.1201/9781003323020.
2. **“Bayesian pre-estimation of bridge life-cycle costs”**, Vagdatli T., Petroutsatou K., Panetsos P., Barmpa Z., Fragakis N., Eighth Intrnational Symposium on Life-Cycle Civil Engineering, IALCCE 2023, Polytecnico di Milano, Milano, July 2-6, Taylor & Francis, ISBN: 978-1-003-32302-0, DOI: 10.1201/9781003323020.
3. **“Scientometric Analysis and Machine Learning as Tools for Predicting Construction Equipment’s Economical Factors”**, Petroutsatou K., Ladopoulos I., Kosmidis I., Construction in the 21rst Century, CITC-13, Arnhem, The Netherlands, May 8-11, 2023.
4. **“Integrated Prescriptive Maintenance System (PREMSYS) for Construction Equipment Based on Productivity”**, Petroutsatou K., Ladopoulos I., Creative Construction Conference 2021, e-Conference, 28-30 June 2021, Conference Proceedings to be published by ELSEVIER.
5. **“Comparative Evaluation of Fleet Management Software in the Greek Construction Industry”**, Petroutsatou K., Ladopoulos I., Vlachokostas G., Creative Construction Conference 2021, e-Conference, 28-30 June 2021, Conference Proceedings to be published by ELSEVIER.
6. **“Construction Equipment’s Residual Market Value Estimation Using Machine Learning”**, Petroutsatou K., Ladopoulos I., Polyzos M., The XIV Virtual Balkan Conference on Operational Research (Virtual BALCOR 2020), Thessaloniki, Greece, 30 September – 3 October 2020, ISBN 978-618-85079-0-6, [Springer Proceedings in Business and Economics](#), 2023, pp. 195–203.
7. **“Comparative Analysis of Methodologies for Calculating the Economic Life of Construction Equipment”**, Ladopoulos I., Petroutsatou K., The 10th International Conference on Engineering, Project, and Production Management, Berlin, Germany, 2-4 September 2019, Conference Proceedings, pp. 1-9.
8. **“Dynamic Planning of Construction Site”**, Apostolidis N., Petroutsatou K., Creative Construction Conference 2019, Budapest, Hungary, 29 June – 2 July 2019, Conference Proceedings, pp. 556-564, ISBN 978-615-5270-56-7.
9. **“Exploring the consequences of human resources multitasking in industrial automation projects: a tool to mitigate impacts”**, Sifniadis A., Petroutsatou K., Creative Construction Conference 2017, Primonsten, Croatia, 19-22 June 2017, Conference Proceedings to be published by ELSEVIER.
10. **“An Analytical Approach of the Greek Economic Recession on Construction Industry; Its Consequences and Future Perspectives of the**

- Sector**”, Kyros I., **Petroutsatou K.**, The Ninth International Conference on Construction in the 21st Century (CITC-9), Dubai UAE, March 2017, Conference Proceedings pp. 77-85, ISBN 978-0-9987525-1-8.
11. **“A Thematic Review of Main Researches on Construction Equipment over the Recent Years”**, Naskoudakis I, **Petroutsatou K.**, Creative Construction Conference 2016, Budapest, Hungary, June 2016, Conference Proceedings pp. 100-108, ISBN 978-615-5270-24-6.
 12. **“Electronic Building Permission System: The Case of Greece”**, Bellos C., **Petroutsatou K.**, Anthopoulos L., Creative Construction Conference 2015, Krakow, Poland, June 2015, Conference Proceedings pp. 160-165, ISBN 978-615-5270-24-6.
 13. **“Preliminary Cost Estimate Model for Road Underpasses”**, Fragakis N., **Petroutsatou K.**, Lambropoulos S., Eighth International Conference on Construction in the 21st Century (CITC-8), “Changing the Field: Recent Developments for the Future of Engineering & Construction”, May 27-30, 2015, Thessaloniki, Greece, pp. 217-224, ISBN: 978-0-9894623-7-2.
 14. **“Planning, Designing and Scheduling New Transport Infrastructure in Recession Times: The Greek Case”**, Marineli M., **Petroutsatou K.**, Lambropoulos S., Eighth International Conference on Construction in the 21st Century (CITC-8), “Changing the Field: Recent Developments for the Future of Engineering & Construction”, May 27-30, 2015, Thessaloniki, Greece, 225-232, ISBN: 978-0-9894623-7-2.
 15. **“Greek Motorway Concession Contracts in Progress under Financial Stress: a Rebalancing Proposal”**, 12, 23-26 April, 2012 Athens-Greece, Sustainable Mobility through Innovation, Transport Research Arena – Europe 2012.
 16. **“Structural Equation Model of estimating final construction cost of road tunnel”**, Fifth International Conference on Construction in the 21st Century (CITC-V) “Collaboration and Integration in Engineering, Management and Technology”, May 20-22, 2009, Istanbul, Turkey, ISBN 1-884342-02-3, pp. 115-119.
 17. **“A New Approach for Setting a Tunnel Excavation Tender Price List”**, 3rd International Conference on Construction Management, Construction in the 21st Century CITC III, 15-17 September 2005, National Technical University of Athens, Dpt. of Civil & Environmental Engineering of Florida International University, ISBN 960-254-655-7, pp. 69-74.
 18. **“Causes of cost and time overruns in large infrastructure projects: The Egnatia Motorway Case”**, 18th International Congress on Project Management organized by IPMA (International Project Management Association), p.7, Budapest 18-21 June 2004.

Articles in Greek Scientific Conferences with Peer Review

1. **“Decision Making Systems of Energy Projects”**, **K. Petroutsatou**, 11th National Conference on Renewable Energy Sources, Institute of Solar Technology, Thessaloniki, 14-16/03/2018, <https://solarinstitute.gr/en/praktika-synedrion>.
2. **“A Comparative Analysis of Motorway Concession Contracts in Greece”**, **K. Petroutsatou**, 3rd Hellenic Congress of Roads, p. 30, Technical Chamber of Greece, Athens, Greece, 9-10 February 2012.

3. **“The Design of a Geotechnical Database for Tunnels for Egnatia Odos SA”**, Marinos, K. Korkaris, G. Prountzopoulos, N. Romosiou, P. Fortsakis, K.. Mirmiris, **K. Petroutsatou**, D. Koumoutsakos, K. Kiamos, S. Lazaridou, G. Pitsas, M. Rigopoulou, P. Marinos, S. Lambropoulos, 5th Hellenic Congress of Geotechnical and Geoenvironmental Engineering, Technical Chamber of Greece, Greek Scientific Company of Soil engineering and Substructures, 525-531, Xanthi, Greece, May 2006.
4. **“Geotechnical Database of Tunnels”**, Marinos, V. Marinos, **K. Petroutsatou**, K. Korkaris, K. Mirmiris, S. Lambropoulos, Congress: “EGNATIA ODOS SA: Innovative Activities, Research and Current Systems of Management, School of Civil Engineering of Aristotle University of Thessalonica, Northern Greece, 15-02-2006, ISBN 960-89058-0-X, pp. 43-49.
5. **“Quick cost pre-estimation of road tunnels”**, **K. Petroutsatou**, 2nd Hellenic Congress of Roads, p. 7, Technical Chamber of Greece, 70(087), Volos, Greece, May 2005.
6. **“Tunnels of Egnatia Odos Motorway: correlation between temporary support construction costs and quality of rockmass”**, **K. Petroutsatou**, Conference of the Greek Institute for Construction Management (IDATE) with subject: “Cost, Time & Quality of Public Works in Greece”, p. 11, Athens, Greece, May 2003.

H. RESEARCH

RESEARCH CO-OPERATIONS

MEMORANDUM OF CO-OPERATION BETWEEN ARISTOTLE UNIVERSITY OF THESSALONIKI (A.U.Th.) AND THE III HELLENIC ARMY CORPS

STARTING DATE: December 2021 with 2 years duration

PROJECT COORDINATOR ON BEHALF OF AUTH: Dr. Kleopatra Petroutsatou

TITLE OF PROGRAM: “Co-operation in developing machine learning tools in order to improve the construction equipment productivity and minimize costs of operation and maintenance”

RESEARCH PROJECTS

SUBMITTED PROPOSALS

H.F.R.I.’s 2nd Call for the procurement of High Value Research Equipment

1. **FUNDING INSTITUTION:** HELLENIC FOUNDATION FOR RESEARCH AND INNOVATION (H.F.R.I.)

PROJECT COORDINATOR/MANAGER: Dr. Kleopatra Petroutsatou

Date: 06-04-2023

Title of Proposal: Integrated System for Sustainable Management of Construction Equipment

Acronym: ISSMa

Code: 018446

Budget: 385.350€

Sub-action 2. Funding Projects in Leading-Edge Sectors – RRFQ: Basic Research Financing (Horizontal support for all Sciences)

2. FUNDING INSTITUTION: HELLENIC FOUNDATION FOR RESEARCH AND INNOVATION (H.F.R.I.)

PROJECT COORDINATOR/MANAGER: Dr. Kleopatra Petroutsatou

Date: 11-10-2022

Title of Proposal: A Service Value Predictive System of Componentized Infrastructure Assets

Acronym: COMPRESYS

Code: 016212

Budget: 202.984€

Results: Score B (The proposal does not sufficiently meet the evaluation criteria and shall not receive funding, 21-07-2023).

SECOND CALL FOR H.F.R.I. RESEARCH PROJECTS TO SUPPORT FACULTY MEMBERS AND RESEARCHERS AND PURCHASE HIGH-VALUE RESEARCH EQUIPMENT

3. FUNDING INSTITUTION: HELLENIC FOUNDATION FOR RESEARCH AND INNOVATION (H.F.R.I.)

PROJECT COORDINATOR/MANAGER: Dr. Kleopatra Petroutsatou

Date: 19-05-2020

Title of Proposal: A Service Value Predictive System of Componentized Infrastructure Assets

Acronym: COMPRESYS

Code: 02445

Budget: 128.761,00€

Results: Score B (not qualified for the next stage of evaluation, 24-02-2021).

OPERATIONAL PROGRAMME COMPETITIVENESS, ENTREPRENEURSHIP AND INNOVATION 2014-2020 (EPANEK) – B PHASE

4. FUNDING INSTITUTION: SPECIAL SECRETARY OF MANAGEMENT OF OPERATIONAL PROGRAMME COMPETITIVENESS, ENTREPRENEURSHIP AND INNOVATION 2014-2020 (EPANEK)

PROJECT COORDINATOR/MANAGER: Dr. Kleopatra Petroutsatou

Date: 26-05-2019

Title of Proposal: Integrated System for Fast, Early Estimation of Road Work Quantities, Duration and Cost

Acronym: SEROW

Code: T2EAK-00587

Budget: 896.900€

Results: 3,6 (Excellence: 3/5, Implementation: 4/5, Impact: 4/5), Approved but it is not financed due to financing shortage.

5. FUNDING INSTITUTION: SPECIAL SECRETARY OF MANAGEMENT OF OPERATIONAL PROGRAMME COMPETITIVENESS, ENTREPRENEURSHIP AND INNOVATION 2014-2020 (EPANEK)

PROJECT COORDINATOR/MANAGER: Dr. Kleopatra Petroutsatou

Date: 30-05-2019

Title of Proposal: Integrated Prescriptive Maintenance System for Construction Equipment Based On Productivity

Acronym: PREMSYS

Code: T2EAK-00584

Budget: 896.900€

Results: 3,45 (Excellence: 3/5, Implementation: 4/5, Impact: 3,5/5), Approved but it is not financed due to financing shortage.

MINISTRY OF DEVELOPMENT AND INVESTMENT – PARTNERSHIP AGREEMENT 2014-2020

6. FUNDING INSTITUTION: HELLENIC FOUNDATION FOR RESEARCH AND INNOVATION (H.F.R.I.)

SCIENTIFIC COORDINATOR: Dr. Kleopatra Petroutsatou

Date: 10-02-2019

Title of Proposal: An integrated system for the estimation of the economic life of construction equipment

Code: 101333

Application code: 01608

Results: First Evaluator: 70/100, Second Evaluator: 52.5/100, Total Mark: 61.25. Not financed.

FIRST CALL FOR H.F.R.I. RESEARCH PROJECTS TO SUPPORT FACULTY MEMBERS AND RESEARCHERS AND PURCHASE HIGH-VALUE RESEARCH EQUIPMENT

7. FUNDING INSTITUTION: HELLENIC FOUNDATION FOR RESEARCH AND INNOVATION (H.F.R.I.)

PROJECT COORDINATOR/MANAGER: Dr. Kleopatra Petroutsatou

Date: 16-01-2018

Title of Proposal: Integrated Preventive Maintenance System for Construction Equipment Based on Productivity

Acronym: PREMSYS

Code: 1575

Budget: 200.000,00€

Score: 73/100

- Scientific Achievements and Maturity to Guide: 17/30
- Scientific Quality of the proposal: 24/30
- Originality of the proposal: 24/30
- Feasibility of the proposal: 8/10

Results: Proposals that received financing scored over 80/100.

An objection was submitted for the evaluation received and the results are pending protocol number: 6578/21.11.2018.

OPERATIONAL PROGRAMME COMPETITIVENESS, ENTREPRENEURSHIP AND INNOVATION 2014-2020 (EPANEK) – A PHASE

8. FUNDING INSTITUTION: SPECIAL SECRETARY OF MANAGEMENT OF OPERATIONAL PROGRAMME COMPETITIVENESS, ENTREPRENEURSHIP AND INNOVATION 2014-2020 (EPANEK)

PROJECT COORDINATOR/MANAGER: Dr. Kleopatra Petroutsatou

Date: 15-06-2017

Title of Proposal: Integrated System for Fast, Early Estimation of Road Work Quantities, Duration and Cost

Acronym: SEROW

Code: T1EAK-03624

Budget: 997.652,32€

Score: 3,70

- Excellence (40%): 4/5
- Implementation (30%): 3/5
- Impact (30%): 4/5

Approved but it is not financed due to financing shortage.

FUNDED RESEARCH PROJECTS

1. **Title of Project:** A thematic Review of Main Researches on Construction Equipment over the Recent Years

PROJECT COORDINATOR/MANAGER: Dr. Kleopatra Petroutsatou, Ass. Professor

FUNDING INSTITUTION: RESEARCH COMMITTEE, ARISTOTLE UNIVERSITY OF THESSALONIKI

Budget: 5.000€

Starting Year: **2016**

Closing Year: **2017**

2. **Title of Project:** Investigation of the behavior of geology of underground during the construction of tunnels of Egnatia Odos Motorway and the parameters that constitute the final construction cost

PROJECT COORDINATOR/MANAGER: Dr. Paul Marinos, Professor of Geology of National University of Athens

MAIN RESEARCHERS: Kleopatra Petroutsatou, Vassilis Marinos

FUNDING INSTITUTION: EGNATIA ODOS SA

Budget: 200.000€

Starting Year: **2004**

Closing Year: **2007**

REVIEWER / MEMBER IN INTERNATIONAL SCIENTIFIC JOURNALS AND CONFERENCES

- Tunnelling and Underground Space Technology (Elsevier – *Recognized*)
- Expert Systems with Applications (Elsevier)
- Journal of Construction Engineering Management, American Society of Civil Engineers (ASCE)
- Automation in Construction (*Elsevier – Recognized*)
- Engineering Construction and Architectural Management (Emerald)
- SN Applied Sciences (Springer)
- Architectural Engineering and Design Management (Taylor & Francis)
- Journal of Manufacturing Technology and Management (Emerald)
- OMEGA Journal (ELSEVIER)
- Risk Analysis and Crisis Response (PKP – Publishing)
- Applied Sciences (MDPI)
- Algorithms (MDPI)
- Land (MDPI)
- Mathematics (MDPI)
- Processes (MDPI)
- Energies (MDPI)
- Sustainability (MDPI)
- Systems (MDPI)
- Buildings (MDPI)
- Civil Engineering (MDPI)
- Eng-Advances in Engineering (MDPI)
- Processes (MDPI)
- Operational Research: An International Journal (Springer)
- Heliyon (*Recognized*)
- Iranian Journal of Science and Technology, Transactions of Civil Engineering (Springer)
- International Conference on Construction in the 21st Century
- International Association for Life-Cycle Civil Engineering (IALCCE)
- Creative Construction Conference (CCC)
- SN – Applied Sciences (Springer)
- Journal of Construction (Escuela de Construcción Civil of Pontificia Universidad Católica de Chile, Santiago, Chile)

INVITED SPEAKER

April 2023 – First International Forum on Construction Equipment, Ergo.tec, Organised by [T-PRESS](#)

Title of Speech: *1. A smart system for controlling and optimising the equipment productivity*

2. An integrated system for estimating economic indexes for construction equipment

3. Dynamic planning for construction sites for linear projects

March 2023 – Advanced Technology Higher Education Network, Socrates-ATHENS <http://www.athensnetwork.eu>). “Impact of Metro Construction on the long term sustainability of a Metropolitan city: The case of Thessaloniki” (AUTH2)

Title of Speech: *Construction, operation and maintenance management of underground projects.*

March 2022 – Advanced Technology Higher Education Network, Socrates-ATHENS <http://www.athensnetwork.eu>, <http://www.athensprogramme.com/main>). “Impact of Metro Construction on the long term sustainability of a Metropolitan city: The case of Thessaloniki” (AUTH2)

Title of Speech: *Construction, operation and maintenance management of underground projects.*

May 2021 – Post Graduate Course in National Technical University of Athens

Title of Speech: *Blockchain Technology in the Construction Sector: Smart Contracts in a BIMChain Era.*

November 2019 – International Seminar on Roads, Bridges and Tunnels, Organized: Civil Engineering Dpt. – Aristotle University of Thessaloniki

Title of Speech: *Methods for Pre-estimating Life-Cycle Cost of Bridges.*

March 2019 – 3rd Hellenic Conference of Civil Engineering Undergraduates, Organized: Hellenic Student Society of Civil Engineers, Dpt. of Civil Engineers in University of Patras, Greece.

Title of Speech: *Civil Engineering Projects: From Conception to Construction and Operation.*

March 2019 – Advanced Technology Higher Education Network, Socrates-ATHENS <http://www.athensnetwork.eu>, <http://www.athensprogramme.com/main>). “Impact of Metro Construction on the long term sustainability of a Metropolitan city: The case of Thessaloniki” (AUTH2)

Title of Speech: *Construction, operation and maintenance management of underground projects.*

November 2018 – International Seminar on Roads, Bridges and Tunnels, Organized: Civil Engineering Dpt. – Aristotle University of Thessaloniki

Title of Speech: *Economic Aspects of Bridge Engineering.*

March 2018 – Advanced Technology Higher Education Network, Socrates-ATHENS <http://www.athensnetwork.eu>, <http://www.athensprogramme.com/main>). “Impact of Metro Construction on the long term sustainability of a Metropolitan city: The case of Thessaloniki” (AUTH2)

Title of Speech: *Construction Methods of Tunnels.*

November 2017 – International Seminar on Roads, Bridges and Tunnels, Organized: Civil Engineering Dpt. – Aristotle University of Thessaloniki

Title of Speech: *Economics of Infrastructure Project: Road Bridges.*

September 2017 – Hellenic Open University. Engineering Project Management Conference

Title of Speech: *Thoughts, reflections and proposals for the rationalization of costly construction projects in recession times.*

March 2017 – Advanced Technology Higher Education Network, Socrates-ATHENS <http://www.athensnetwork.eu>, <http://www.athensprogramme.com/main>). “Impact of Metro Construction on the long term sustainability of a Metropolitan city: The case of Thessaloniki” (AUTH2)

Title of Speech: *Construction Methods of Tunnels.*

November 2016 – International Seminar on Roads, Bridges and Tunnels, Organized: Civil Engineering Dpt. – Aristotle University of Thessaloniki

Title of Speech: *Construction Equipment Economics.*

PARTICIPATION IN INTERNATIONAL COMMITTEES

Participation in **the final committee of the innovation competition** in the International Conference **Lean & Computing in Construction Congress (LC3)** that took place in Heraklion, Crete, Greece, 4-12 July 2017. The innovation competition has 18 international participations in the field of computing in construction, virtual reality in construction and construction management.

MEMBER IN COMMITTEES FOR FACULTY MEMBERS' ELECTIONS

NATIONAL TECHNICAL UNIVERSITY OF ATHENS (NTUA)

ARISTOTLE UNIVERSITY OF THESSALONIKI (AUTH)

MEMBER IN PhD COMMITTEES

MEMBER OF THE THREE-MEMBER SCIENTIFIC COMMITTEE 2021

Andreadis Anastasios: “Investments evaluation in the Construction Sector regarding touristic properties” – In process

PhD AWARDS – MEMBER OF THE SEVEN-MEMBER SCIENTIFIC COMMITTEE
2020

Xatzipoulidis Georgios: “Public-Private Partnerships in the Health Sector and their Social Dimension” – Completed

PhD AWARDS – MEMBER OF THE SEVEN-MEMBER SCIENTIFIC COMMITTEE
2015

Antoniou Fani: “Assessment, Development and Application of an Innovative Contract Type Selection Model for the Construction of Public Road Projects” – Completed

SUPERVISOR OF PhDs

Ladopoulos Ilias: “Integrated System for the Optimization of the Economical Life of Construction Equipment” (Start: October 2018, Published Projects: 7, Under Review: 1)

Vagdatli Theodora: “Integrated System for Cost-Benefit Analysis of Infrastructure Projects” (Start: March 2019, Published Projects: 5, Under Review: 2)

**SUPERVISOR OF MASTER THESIS (Number of completed theses: 30,
Number of supervised students: 31)**

**Aristotle University of Thessaloniki (AUTH), School of Engineering, Civil
Engineering Dpt.**

Master’s Degree Programme: **Planning and Management of Construction Projects**

SUPERVISOR 2017-2018

Manousaridou Anna: “Analysis of financing cost of infrastructure projects”

Apostolidis Nikos: “Dynamic site installation of road works”

Vagdatli Theodora: “Theoretical approach of cost-benefit analysis of infrastructure projects. The case of a motorway project”

Kalaitzidis Nikos: “Tools and techniques for the time and cost planning of construction projects”

Master’s Degree Programme: **Law and Engineering for Energy**

SUPERVISOR 2017-2018

Kalogiannis Ioannis: “Decision Making Systems for Energy Projects”

Laskakis Epaminondas: “Energy Economics: Renewable Energy Sources”

SUPERVISOR 2016-2017

Goulaptsi Maria: “Guide for Business Financing”

Kianidis Philippos: “Possibilities and growth models of cumulative representation bodies in the context of the new energy market targeting model – European experience”

Mitsioui Chrysoula: “Financing of European Energy Applications”

Tsanaktsidis Dimitrios: “Investigation of the commercial service of the energy center of Western Macedonia”

Tsilakidou Evanthia: “Legislative and contractual regulation of hydrocarbon exploitation processes in Greece”

Panagiotidou Elisavet: “The limits of viability of the mining lignite separation and the production electricity by lignite in the Western Macedonia energy axis”

Hellenic Open University (HOU)

Master’s Degree Programme: **Engineering Project Management (MSC.)**

SUPERVISOR 2018-2019

Lenis Alexandros: “A system of redefining the cost of infrastructure projects due to incorrect estimates and change orders”

SUPERVISOR 2017-2018

Giannoulis Panagiotis: “Market analysis in Greece of the Heavy Construction Equipment of the last fifteen years using Market Sales Data”

Kolaxis Dimitris: “Integrated Financial Performance Rating System on Hospitality based on Property Characteristics”

Moraiti Eleni: “Investigation and Analysis of the Risks encountered during the Implementation of the New Law for Public Procurement 4412/2016 concerning the Management of Public Contracts by the Greek Public Municipalities”

Samouilidou Panagiota – Chronaki Marina: “Public Procurement and Contract Management – Common problems encountered and Ways of dealing with by the Local Public Authorities. Risk Analysis”

SUPERVISOR 2016-2017

Fyrogenis Apostolos: “Analysis of the Critical Chain as a Means to Achieve Better Time and Financial Planning in Technical Projects”

Sifniadis Anestis: “Exploring of the consequences of human resources multitasking in industrial automation projects: a tool to mitigate impacts”

Anagnostopoulos Sotiris: “Evaluation of Existing Structures regarding Public Infrastructure Projects’ Management. Comparative Analysis and Proposals for further Improvement from the Thessaloniki Metro Construction Project”

Chatzitheodosiou Ifigeneia: “Evaluation of Existing Structures regarding Public Infrastructure Projects’ Management. Comparative Analysis and Proposals for further Improvement from the Thessaloniki Metro Construction Project”

Pagalos George: “A Comparative Assessment of the new Legislation for Public Procurement, Problems and Challenges”

SUPERVISOR 2015-2016

Naskoudakis Ilias: “A Thematic Review of Main Researches on Construction Equipment over the Recent Years”

Diamantidou Athina: “Public Procurement Procedures: Inherent Problems in their Application”

Kontosis Ilias: “Exploring the change of the budget of a public building project, in the various stages of construction”

Goumblias Lambros: “The Usefulness of Social Networks in Construction Industry”

SUPERVISOR 2014-2015

Bellos Christos: “Electronic Building Permission System: The case of Greece”

Pavlou Athanasios: “Management of Telecommunication Projects”

Lagos Dimitris: “Financial Assessment of Energy Improvement for Public Buildings”

Lykos Dimitris: “Financial Analysis of Technical Companies”

SUPERVISOR OF DIPLOMA THESIS (number of completed theses: 26, supervised students: 29)

Aristotle University of Thessaloniki (AUTH), School of Engineering, Civil Engineering Dpt.)

SUPERVISOR 2022-2023

Liarou Theodora – Paschalidou Aikaterini: “[Comparative Evaluation of the New Legislation for Public Works](#)”

Poulios Christos-Romanos: [“The use of Blockchain and Digital Twins technologies for the renovation of old buildings”](#)

Ntone Despoina: [“Cost-benefit analysis for energy performance of public schools”](#)

SUPERVISOR 2021-2022

Fotopoulou Dimitra: [“Work accidents with cranes in Greece”](#)

Touliopoulos Aristofanis: [“Probabilistic estimation of construction cost of road bridges”](#)

Kosmidis Iason: [“Scientometric analysis and machine learning techniques for estimating financial indexes of construction equipment”](#)

Voutsis Michail: [“A predictive system of service value of assets: Scientometric analysis, content analysis and database development for bridges”](#)

Zisis Thomas: [“The compensation system of residential houses and the development prospects of the construction sector in Greece”](#)

Kantilierakis Dimitrios: [“Metal constructions: Multicriteria analysis and propabilistic models are used for productivity estimation, risks identification and projects selection”](#)

SUPERVISOR 2021-2020

Tsakelildou Konstantina: “Hierarchy of the criteria affecting construction equipment operators’ performance using VosViewer and AHP”

Kosmidis Iasonas: “Literature review on the methodologies of the estimation of residual value of construction equipment and development of database and of a model for pre-estimation of residual value of excavators using RapidMiner software”

Klimou Aikaterini: “Blockchain in construction. A bibliometric analysis using VosViewer software”

Topoulidis Aristofanis: “Time and cost analysis of different construction methodologies of motorway bridges”

SUPERVISOR 2019-2020

Zarkada Athanasia – Ntokou Aneta: “Dynamic planning of construction sites in linear projects aiming to cost savings”

Vlachokostas Grigoris: “Comparative assessment of the fleet management software – Investigation of the Greek construction market needs”

Kalteziotis Nikos: “Bibliometric Analysis on Cost-Benefit Analysis of Motorway Projects over the last three decades using VosViewer and RapidMiner”

Reptsis Nikos: “Bibliometric analysis of construction equipment over the last two decades using machine learning techniques with the application of VosViewer”

SUPERVISOR 2018-2019

Polyzos Marios: “Methodology for the estimation of residual value for construction equipment with the use of Rapid Miner software”

Papaioannou Nikolaos: “Design of residence with almost zero energy consumption and cost comparative analysis with a conventional residence”

SUPERVISOR 2017-2018

Skentou Ioanna: “Risk analysis of construction projects using Risky Project Software – Case study on an existing building”

Plainos Panagiotis – Tsiouris Nikiforos: “Risk analysis of the construction of underground metro in urban environment”

Vittis Nikolaos: “Financial evaluation of energy upgrade of a public building”

Kouri Ioanna: “Analysis of safety and health systems in gas pipeline projects – The case of TAP (Trans Adriatic Pipeline)”

SUPERVISOR 2016-2017

Tsalikidou Martha: “LEED and BIM methodologies: these two constantly evolving methodologies are applied, analyzed and discussed in the construction of the Stavros Niarchos Foundation Cultural Center (SNFCC), the first building in Greece under this scheme”

SUPERVISOR 2015-2016

Kyros Ioannis: “An Analytical Approach of the Greek Economic Recession on Construction Industry; its Consequences and Future Perspectives of the Sector”

Neofytou Evangelia: “Study and Comparative Analysis of the Legal Framework of Construction of Public Works in Greece and Cyprus”

I. TEACHING

[ARISTOTLE UNIVERSITY OF THESSALONIKI \(AUTH\)](#)

2013 – Today

CIVIL ENGINEERING DEPARTMENT

UNDERGRADUATE COURSES (5-year diploma)

- [CONSTRUCTION](#) EQUIPMENT AND METHODS (TS0300)

- [ELEMENTS](#) OF LAW AND ENGINEERING LEGISLATION (TS1000)
- [CONSTRUCTION](#) MANAGEMENT (TS2200)
- [MANAGEMENT](#) OF CONSTRUCTION COMPANIES (TS3400)
- [PROJECT](#) MANAGEMENT (TS4300)
- [MANAGEMENT](#) INFORMATION SYSTEMS FOR ENGINEERING PROJECTS (TS4400)

POSTGRADUATE COURSES

ENGINEERING PROJECT MANAGEMENT

- [MANAGEMENT](#) OF CONSTRUCTION COMPANIES AND SITES (C01)
- [MANAGEMENT](#) OF CIVIL ENGINEERING PROJECTS (C05)

LAW AND ENGINEERING FOR ENERGY

- INVESTMENTS IN THE ENERGY SECTOR: ASSESSMENT OF INVESTMENT PROJECTS, FINANCING, FDI AND SETTLEMENT OF DISPUTES (MEB01)

HELLENIC OPEN UNIVERSITY (HOU)

2014 – Today

POSTGRADUATE COURSES

Engineering Project Management

- [PRINCIPLES OF CONSTRUCTION PROJECT MANAGEMENT AND ORGANIZATION \(DCHT50\)](#)

TECHNICAL UNIVERSITY OF CRETE

2008-2009

SCHOOL OF PRODUCTION ENGINEERING AND MANAGEMENT

UNDERGRADUATE COURSES (5-year diploma)

- DPEM 506 7 STRATEGIC PLANNING (DPEM506)

J. ADMINISTRATIVE ACTIVITIES

1. Member of the General Assembly of the Civil engineering Department 2023-24.
2. Member of the Assembly responsible for the Doctoral Programme of the Department 2022-23, 2023-24.
3. Member of the Committee for the EGovernment of the Department 2022-23, 2023-24.

4. Member of the Committee for the Extroversion of the Department 2022-23, 2023-24.
5. Member of the Working Group for the Interface of the Aristotle University of Thessaloniki with the Industry and the Promotion of Business Actions under the auspices of Vice Rector for Research and Lifelong Learning (September 2019 until today).
6. Member of the General Assembly of the Civil Engineering Department for the academic years 2015-2016, 2017-18, 2020-21.
7. Member of the Committee for the Internal Evaluation of Research Staff 2019-20, 2020-21, 2021-22, 2022-23, 2023-2024.
8. Member of the Committee for the Professional Rights of Civil Engineers 2015-16, 2016-17, 2017-18, 2018-19, 2019-20, 2020-21.
9. Member of the Committee of the Interdepartmental Post Graduate Program entitled: “Law and Engineering for Energy” for the academic year 2017-18.
10. Member of the Organizational Committee for the Reception of the new students of the Civil Engineering Department for the year 2015-2016, 2016-17.
11. Member of the Election Committee for the New President of the Civil Engineering Department for the period 1/11/2015-31/8/2017.
12. Member of the Committee of New Scientific and Academic Personnel (Definition: 30/11/2015 until today).

K. PROFESSIONAL ACTIVITIES

1. Work in Public Sector

2010-2012: Technical consultant at the office of General Secretary for Concessions, Ministry of Infrastructure, Transport and Networks.

2006-2010: Consulting and Supervision of ports infrastructure, consulting on environmental issues, approving of ports studies, consulting and supervision of ports Master Plans, Ministry of Development, Competitiveness and Shipping.

2. Work in Private Sector

Supervision and Control of big infrastructure projects and Consultant in Quality, Time and Cost Scheduling

2004-2006: Quality Management Consultant in Kyriakides and Partners SA (Architectural Office).

2002-2006: Time and schedule supervision of Egnatia Odos Motorway sites OMEK SA (Consultants Enterprise).

2001-2006: Quality Management Consultant in Harris Bougadellis and Partners SA (Architectural Office).

2000-2006: Certified Auditor of ISO 9000/2000 in the Construction Sector. Appointed by TUV NORD SA.

1999-2002: Quality Control Site Engineer in several construction projects appointed by the contractor GEK SA.

1997-1999: Quality Control Site Engineer in motorways construction projects appointed by the contractor PROODEFTIKI SA.

L. SCIENTIFIC AND PROFESSIONAL MEMBERSHIPS

1996 – present: Member of the Technical Chamber of Greece

1996 – present: Member of the Greek Association of Civil Engineers

1998 – present: Member of the British Association of Civil Engineers

1999 – present: Member of the Hellenic Management Association

2000 – 2006: Member of the Greek Association of Public Contractors