

Curriculum Vitae



Grigorios P. Papageorgiou

Associate Professor
Director of Forest Road Engineering and Forestry Works Lab

University of Thessaly, Greece
Dept. of Forestry, Wood Sciences and Design
Office tel.: +302441064713
e-mail: gpapageor@uth.gr

EDUCATION

- 1994** **1st High School of Veria**
- 1994** **University of Thessaly**
Faculty of Engineering – Department of Civil Engineering
Attendance with scholarship (State Scholarship Foundation)
- 2000** **University of Thessaly**
Faculty of Engineering – Department of Civil Engineering
Dipl. Civil Engineer
Master Degree level (Integrated Master)
- 2010** **University of Thessaly**
Faculty of Engineering – Department of Civil Engineering
Doctor of Philosophy (Ph.D.) in Road Engineering
Ph.D. degree 'excellent'
Doctoral Thesis: "Optimization of Road Upgrading and Maintenance through Assessment of Operational and Geometric Characteristics"
- 2012** **School of Pedagogical and Technological Education (ASPETE)**
General Department of Education
Annual Pedagogical Training Program (EPPAIK), Thessaloniki
Certificate of Pedagogical and Teaching Competency
- 2012** **Hellenic Open University**
School of Science & Technology – Postgraduate Course
"Environmental Design of Infrastructure Works»
Master of Science (MSc)
- 2014** **Hellenic Open University**
School of Science & Technology – Postgraduate Course
"Environmental Design of Cities and Buildings»
Master of Science (MSc)

TUTOR'S EXPERIENCE

Universities - Postgraduate Courses

- 08/2020 – present** **University of Thessaly**
School of Technology – Department of Forestry, Wood Sciences and Design
Tutor in Undergraduate Course "Land Surveying - Geodesy"
Co-tutor in Postgraduate Course "Multifunctional Management of Forest Ecosystems and Bio-economy"
- 01/2019 – 08/2020** **University of Thessaly**
General Dept. of Larissa
Tutor in Postgraduate Course "Modern Technologies for Environmental Management Projects"
- 02/2018 – 01/2019** **Technological Educational Institute of Thessaly**
School of Technological Applications – Dept. of Civil Engineering T.E.
Tutor in Postgraduate Course "Modern Technologies for Environmental Management Projects"
- 2013 – 2014,
2015 – present** **Hellenic Open University**
School of Science & Technology
Cooperating Educational Personnel in the Postgraduate Course "Construction Management" (MSc)
- 2008, 2010,
2011, 2012,
2015** **Aristotle University of Thessaloniki (AUTH) –**
Departments of Civil Engineering and Rural and Surveying Engineering & **Hellenic Institute of Transport (HIT) of the National Centre for Research and Technology (NCERT)**
Lectures at the Graduate Program "Planning, Organization and Management of Transport Systems" as Invited Lecturer

Universities - Undergraduate Courses

- 08/2020 – present** **University of Thessaly**
School of Technology – Department of Forestry, Wood Sciences and Design
Tutor in Undergraduate Courses
- 01/2019 – 08/2020** **University of Thessaly**
General Dept. of Larissa
Tutor in Undergraduate Courses
- 02/2018 – 01/2019** **Technological Educational Institute of Thessaly**
School of Technological Applications – Dept. of Civil Engineering T.E.
Tutor in Undergraduate Courses

2012 – 2014 **University of Thessaly**
Faculty of Engineering – Department of Civil Engineering
Adjunct Lecturer in course "Design and Construction of Pavements"

2011 – 2012 **University of Thessaly**
Faculty of Engineering – Department of Civil Engineering
Adjunct Lecturer in courses "Management of Roads and Road Works", "Design and Construction of Pavements"

Technological Educational Institutes - Undergraduate Courses

2012 – present **Alexander Technological Educational Institute of Thessaloniki**
School of Applied Technology – Department of Civil Engineering T.E.
Adjunct Assistant Professor in course "Worksite Management"

2011 – present **Technological Educational Institute of Thessaly**
School of Applied Technology – Department of Civil Engineering T.E.
Adjunct Assistant Professor in course "Highway Engineering I"

2011 – 2017 **Technological Educational Institute of Central Macedonia**
School of Applied Technology – Department of Geoinformatics and Surveying
Adjunct Assistant Professor in course "Highway Engineering I"

2011 – 2012 **Technological Educational Institute of Western Macedonia**
School of Applied Technology – Department of Industrial Design
Adjunct Assistant Professor in course "Mechanics II"

2011 – 2013 **Technological Educational Institute of Western Macedonia**
School of Applied Technology – Department of Geotechnology and Environment
Adjunct Assistant Professor in courses "Concrete – Structures" & "Mechanics II"

2004 – 2011 **Technological Educational Institute of Western Macedonia**
School of Applied Technology – Department of Geotechnology and Environment
Adjunct Lecturer in course "Concrete – Structures"

Other teaching Experience

- 2004 – present** **National Accreditation Centre (EKEPIS)**
Trainer at seminars for unemployed professionals
Registered educator
- 10/2006 – 01/2007** **OEEK - IEK Veria**
Adjunct instructor in the course "Practical Exercises" of
"Engineering Technician"
- 2008 - present** **National Confederation of Disabled People (ESAmA)**
Trainer for Persons with Disabilities under the project
"Educational Empowerment of Persons with Disabilities and
Executives of Disability Organisations", Kozani
- 2011 – present** **National Center for Public Administration and Local Government**
Instructor integrated into the Registry of the Principal
Educational Personnel

DISTINCTIONS

- 1989 – 1994** Distinction of Excellence in all Elementary and High School Classes
- 1993** **European Parliament**
Attendance at the meeting of the European Parliament
(08.06.1993) in Strasbourg after success in competition report
for Maastricht under the program "Euroscola"
- 1993 – 1994** **Hellenic Handball Federation (HHF)**
1st (gold medal) at the National Championship in 1993 and
1994 with the Gymnastics Association of Veria (GEV)
- 1994** **State Scholarship Foundation**
Scholarship in the Department of Civil Engineering of the
University of Thessaly
- 2012** **School of Pedagogical and Technological Education (ASPETE) –General Department of Education**
1st at the Annual Pedagogical Training Program (EPPAIK),
Thessaloniki

LANGUAGES

- Greek
- English

SKILLS IN ICT

α) **Cambridge International Diploma in Information and Communications Technology (ICT Career)**

β) **Cambridge International Diploma in IT Skills**

Software: Windows XP, VISTA, 7, Microsoft Office Word, Excel, Powerpoint, Access, Outlook Express, Ms Project, CAD, AutoCad 2012, Tecton, Fespa, Building, ArchiCAD 14, Scada 10.2, Statics 2010, Instant 2000, Fedra, WinForam, EuroPolis.

RESEARCH PROGRAMMES

- 09/2005** **Highway Engineering Laboratory (AUTH)**
Team member measuring smoothness, skid-resistance and macro-texture in the section of the Egnatia road Ioannina – Metsovo
- 11/2005** **Highway Engineering Laboratory (AUTH)**
Team member measuring smoothness, skid-resistance and macro-texture in the part of PATHE road Iliki - St. Kon/nos
- 10/2007** **Highway Engineering Laboratory (AUTH)**
Team member for Road Safety Audit in the part of PATHE road Athens (Metamorphosis) - Maliakos (SKARFIA)
- 11-12/2009** **Research Committee of AUTH**
"Measurements of Traffic Parameters" in the program (code 84937): "Traffic Settings and environmental regeneration in the City of St. Constantine", funded by the Local Union of Municipalities and Communities Fthiotida
- 10/2011 – 02/2012** **Research Committee of UTH**
Assignment of a project in the context of the teaching of the courses "Design and Construction of Pavements" and "Management of Roads and Road Works"
- 10/2012 – 02/2013** **Research Committee of UTH**
Assignment of a project in the context of the teaching of the course "Design and Construction of Pavements"
- 12/2013 – 02/2014** **Research Committee of UTH**
Assignment of a project in the context of the teaching of the course "Design and Construction of Pavements"
- 2014 – 2016** **Technological Educational Institute of Thessaly**
School of Technological Applications – Dept. of Civil Engineering T.E.
Research project as a University Scholar

PUBLICATIONS

International journals (refereed)

1. Lokkas, P., Alamanis, N., Xafoulis, N., **Papageorgiou, G.**, Paschalis, E. and Zachos, D. 2022. *An Approach on the Renewable Energy Sources*. Operations Research Forum, 3(2), 26. DOI: 10.1007/s43069-022-00138-8.
2. Tselios, D., **Papageorgiou, G.**, Alamanis, N. and Ipsilandis, P. 2022. *Energy project portfolio selection and scheduling*. Energy Systems. Springer. <https://doi.org/10.1007/s12667-022-00503-w>. Springer-Verlag GmbH Germany.
3. **Papageorgiou G.** 2022. *Twofold Appraisal of Pavement Maintenance Technologies*. Journal of Engineering Science and Technology Review. ISSN: 1791-2377. Accepted for publication.
4. **Papageorgiou G.**, Alamanis N., Paschalis E., Tselios D., Xafoulis N. and Zachos D. 2021. *Evaluation of seismic slope displacement techniques in term of engineering criteria and financial restrictions*. Energy Systems / Transport, Springer. Published online: 13 September 2021. DOI: 10.1007/s12667-021-00478-0
5. Zachos, D., Bakalis, G., Bakalis, K., Alamanis, N., **Papageorgiou, G.**, and Xafoulis, N. 2021. *A methodology for selecting the required cross-section of a self-supporting retaining bulkhead, on a vertical excavation front, of an energy conduit passage trench*. Energy Systems. Springer. <https://doi.org/10.1007/s12667-021-00429-9>. Received: 3 Jan. 2021 / Accepted: 20 February 2021 / Published on line: 06 March 2021 © Springer-Verlag GmbH Germany.
6. Lokkas P., Papadimitriou E., Alamanis N., **Papageorgiou G.**, Christodoulou D. and Chrisanidis T. 2021. *Significant Foundation Techniques for Education: A Critical Analysis*. WSEAS Transactions on Advances in Engineering Education. E-ISSN: 2224-3410. Vol. 18, pp. 7-26.
7. Alamanis N., **Papageorgiou G.P.**, Chouliaras I., Kotsopoulos S., Farsirotou E., Xafoulis N. 2021. *Suggestions for improving geotechnical and infrastructure courses teaching on higher education*. International Journal of Learning and Teaching (IJLT). Vol. 7, No 2, pp. 90-94.
8. **Papageorgiou G.** 2020. *Economic assessment of pavement maintenance and strengthening techniques in view of implementation cost*. European Transport \ Trasporti Europei. ISSN 1825-3997. Issue 78, Paper n° 5.

9. **Papageorgiou G.**, Stravokostas A., Alamanis N., Xafoulis N. and Paschalis E. 2020. *Urban road noise analysis: Study on two major roads in the city of Larissa, Greece.* Journal of Engineering and Applied Science, Faculty of Engineering, Cairo University, Vol. 67, no. 7, pp. 1821-1839.
10. Tsiknas A., Athanasopoulou A. and **Papageorgiou G.** 2020. *Evaluation of flexible pavement construction cost according to the design method.* Proceedings of the Institution of Civil Engineers (ICE) - Transport, ISSN 0965-092X | E-ISSN 1751-7710, ICE Publishing, Thomas Telford, London, United Kingdom, Vol. 173, Issue 1, pp. 3-12.
11. Papadimitriou E.A., **Papageorgiou G.P.**, Alamanis N. and Diakosavva T. 2020. *Road Noise Levels in Urban Environment Compared to Specification Limits. The Case of the City of Larissa, Greece.* Periodica Polytechnica Civil Engineering, Online ISSN: 1587-3773, Print ISSN: 0553-6626, Budapest University of Technology and Economics, Vol. 64(4), pp. 964-974.
12. Chalepas C., **Papageorgiou G.**, Alamanis N., Paschalis E. and Papadimitriou E. 2020. *Road Upgrading in Terms of Geometric and Functional Characteristics.* American Scientific Research Journal for Engineering, Technology and Sciences (ASRJETS). Vol. 74, No 2, pp. 154-165.
13. **Papageorgiou G.P.**, Alamanis N. and Xafoulis N. 2020. *Acceptable movements of road embankments.* Electronic Journal of Structural Engineering. ISSN: 1443-9255. EJSE International. Department of Infrastructure Engineering, The University of Melbourne, Grattan St., Parkville, Victoria 3010, Melbourne, Australia, 20(1), pp. 30-32.
14. Papadimitriou E. and **Papageorgiou G.** 2020. *An Artificial Intelligence Emergency Response Layout for Managing Highways.* International Journal of Scientific and Technology Research. ISSN 2277-8616. 9(6), pp. 1100-1106.
15. Baloukas I., Alamanis N., **Papageorgiou G.**, Karipidis C., Lokkas P., Xafoulis N and Chouliaras I. 2020. *Implementing a Static Cone Penetration Test in Infrastructure Works.* American Scientific Research Journal for Engineering, Technology, and Sciences. Global Society of Scientific Research and Researchers, ISSN (Print) 2313-4410, ISSN (Online) 2313-4402, Vol. 7(1), pp. 214-229.
16. **Papageorgiou G.**, Zografos Ch., Alamanis N., Xafoulis N. and Farsiroto E. 2020. *Local Versus Full Width Pavement Rehabilitation in the Frame of Old Water Supply Network Repair.* International Journal of Engineering and Advanced Technology. E-ISSN: 2249-8958. 9(3), pp. 152-157.
17. Alamanis N., **Papageorgiou G.**, Xafoulis N., Kotsopoulos S., Chouliaras I., Lazogiannis K. and Vassilakis E. 2020. *A Comparison of economic and commercial activities of Piraeus – Thessaloniki – Heraklion ports.* MIBES Transactions, University of Thessaly, Greece., Vol. 14, Issue 1, pp. 1-19.
18. Alamanis N., Zografos Ch., **Papageorgiou G.**, Xafoulis N. and Chouliaras I. 2020. *Risk of retaining systems for deep excavations in urban road infrastructure with respect to work*

staff perception. International Journal of Scientific and Technology Research, ISSN 2277-8616. 9(2), pp. 4168-4175.

19. Papadimitriou E. and **Papageorgiou G.** 2020. *Pragmatical model for highway tolls pricing management*. International Journal of Scientific and Technology Research. ISSN 2277-8616. 9(2), pp. 3950-3956.
20. Alamanis N., **Papageorgiou G.**, Xafoulis N. and Chouliaras I. 2020. *Effects of landslides and soil settlements on the built environment: A meta-analysis*. European Journal of Advances in Engineering and Technology. 7(4), pp. 6-15.
21. Alexiou A., Zachos D, Alamanis N., Chouliaras I. and **Papageorgiou G.** 2020. *Construction Cost Analysis of Retaining Walls*. International Journal of Engineering and Advanced Technology. E-ISSN: 2249-8958. 9(4), pp. 1909-1914.
22. Alamanis N., **Papageorgiou G.**, Chouliaras I., Xafoulis N., Kotsopoulos S., Farsirotou E., Lazogiannis K. and Soulis G. 2020. *Proposals for Upgrading the Teaching of Geotechnical Courses*. Universal Journal of Educational Research. Horizon Research Publication (HRPUB). 8(5), pp. 1752-1758.
23. **Papageorgiou G.** 2019. *Appraisal of Road Pavement Evaluation Methods*. Journal of Engineering Science and Technology Review. ISSN: 1791-2377. Vol. 12, Issue 6, pp. 158-166.
24. **Papageorgiou G.**, Papadimitriou E., Alamanis N., Xafoulis N., Chouliaras I. and Lazogiannis K. 2019. *Construction cost comparative analysis of highways in Greece*. PRIME (Practical Research in Innovative Management & Entrepreneurship) International Journal. University of Thessaly, Greece. Vol. 12, Issue 1, pp. 68-85.
25. **Papageorgiou G.**, Alamanis N. and Xafoulis N. 2019. *Methodology for Optimization of Road Works Schedule According to Local Climatic Data*. International Journal of Recent Technology and Engineering. E-ISSN: 2277-3878. 8(4), pp. 1470-1476.
26. **Papageorgiou G.**, Alamanis N., Chouliaras I. and Kapsali P. 2019. *Decision Making for Designing Infrastructure Projects: The case of the city of Larissa, Greece*. Journal of Engineering and Architecture. American Research Institute for Policy Development. ISSN: 2334-2986 (Print), 2334-2994 (Online). Vol. 7, Issue 1, pp. 115-125.
27. Balades Ch. and **Papageorgiou G.** 2019. *Improving Level of Service on Urban Road Intersections: The Case of City of Larissa, Greece*. International Journal of Engineering Trends and Technology. ISSN: 2231-5381. 67(10), pp. 193-198.
28. Alamanis N., **Papageorgiou G.**, Chantzopoulou P. and Chouliaras I. 2019. *Investigation on the Influence of Permeability Coefficient k of the Soil Mass on Construction Settlements. Cases of Infrastructure Settlements in Greece*. WSEAS Transactions on Environment and Development, Print ISSN: 1790-5079, E-ISSN: 2224-3496. Vol. 15, pp. 95-105.

29. Alamanis N., **Papageorgiou G.** and Barelie N. 2017. *Innovative Design Principles of Old Stone Bridges as Part of the Road Network of Greece*. International Journal of Innovative Research in Science, Engineering and Technology, ISSN (Online): 2319-8753, ISSN (Print): 2347-6710, Ess & Ess Research Publications, Vol. 6, Issue 6, pp. 10117-10133.
30. **Papageorgiou G.** and Mouratidis A. 2015. *Defining Threshold Values for Pavement Surface Characteristics*, Proceedings of the Institution of Civil Engineers – Transport, DOI: 10.1680/tran.12.00028. Proceedings of the ICE - Transport, ISSN 0965-092X | E-ISSN 1751-7710, ICE Publishing, Thomas Telford, London, United Kingdom, Volume 168, Issue 3, June 2015, pp. 223 –230.
31. **Papageorgiou G.P.** and Mouratidis A. 2014. *A Mathematical Approach to Define Threshold Values of Pavement Characteristics*, Structure and Infrastructure Engineering, ISSN (Print): 1573-2479, ISSN (Online): 1744-8980, Taylor & Francis, Oxford, UK, Volume 10, Number 5, pp. 568-576.
32. **Papageorgiou G.**, Mouratidis A. and Eliou N. 2012. *Comprehensive Model for Upgrading Two-Lane Road Network*, European Transport Research Review, ISSN (print): 1867-0717, ISSN (electronic): 1866-8887, Springer, Berlin, Germany, Vol. 4, No 3, pp. 125-135.
33. Mouratidis A. and **Papageorgiou G.** 2010. *A Rational Approach for Optimization of Road Upgrading*, Canadian Journal of Civil Engineering, ISSN (print): 0315-1468, ISSN (electronic): 1208-6029, NRC Research Press (Canadian Science Publishing), Ottawa, Ont., Volume 37, Number 11, pp. 1462-1470.

Technical Magazines

34. Spiliotis X. and **Papageorgiou G.** 2019. Asphalt Materials and Recycling. Worksite Issues. T-Press. Techno-publishing. Issue No. 225, July-August 2019, pp. 24-25.
35. **Papageorgiou G.**, Alamanis N. and Spiliotis X. 2019. Earthworks Road Construction. Worksite Issues. T-Press. Techno-publishing. Issue No. 226, September-October 2019, pp. 20-24.
36. **Papageorgiou G.**, Spiliotis X. and Alamanis N. 2020. Road Construction Projects and Development - Techniques and Implementation. Worksite Issues. T-Press. Techno-publishing. Issue No. 228, January-February 2020, pp. 26-27.
37. **Papageorgiou G.**, And Spiliotis X. 2021. Maintenance Techniques for Flexible Pavements. Worksite Issues. T-Press. Techno-publishing. Issue No. 239, November-December 2021, pp. 32-35.

International / Hellenic conferences (refereed)

38. Chrysanidis T., Alamanis N. and **Papageorgiou G.** 2022. *Experimental Study on the Effect of Elongation Degree on the Cracking of Highly-Reinforced R/C Members*. Proceedings of the 7th World Congress on Civil, Structural, and Environmental Engineering (CSEE'22) Lisbon, Portugal Virtual Conference – April 10 – 12, 2022 Paper No. ICSECT 147. DOI: 10.11159/icsect22.147.
39. Chrysanidis T., Alamanis N. and **Papageorgiou G.** 2022. *Experimental and Numerical Study of Strain Degree of Medium Reinforced Prism Specimens*. Proceedings of the 7th World Congress on Civil, Structural, and Environmental Engineering (CSEE'22) Lisbon, Portugal Virtual Conference – April 10 – 12, 2022 Paper No. ICSECT 147. DOI: 10.11159/icsect22.147.
40. **Papageorgiou G.**, Kaltsidis D., Nako O., Paschalis E., Alamanis N. and Chrysanidis T. 2021. *Speed Limits and Accident Rates on Highways around the World, is there a Corellation?* 2nd International Conference on Environmental Design. Laboratory of Technology and Policy of Energy and Environment (LATPEE), Hellenic Open University. 23-24 October 2021, 899(1), 012063. Virtual.
41. Kokotini F., Alamanis N., **Papageorgiou G.**, Paschalis E., Chrysanidis T. and Papadimitriou E. 2021. *In Site Geotechnical Investigations in City of Larissa on the Construction Environment*. 2nd International Conference on Environmental Design. Laboratory of Technology and Policy of Energy and Environment (LATPEE), Hellenic Open University. 23-24 October 2021, Virtual.
42. Chrysanidis T., Gkigki A., **Papageorgiou G.** and Alamanis N. 2021. *Does the Design According to the Seismic Zone Affect the Environment and the Manufacturing Cost of a 5-Storey R/C Building with a Conventional Plan?* 2nd International Conference on Environmental Design. Laboratory of Technology and Policy of Energy and Environment (LATPEE), Hellenic Open University. 23-24 October 2021, Virtual.
43. Zoumboulaki M., Tsokani A., Tsarpala M., Alamanis N., **Papageorgiou G.**, Paschalis E., Chrysanidis T. and Chouliaras I. 2021. *Environmental Impact of Landslides*. 2nd International Conference on Environmental Design. Laboratory of Technology and Policy of Energy and Environment (LATPEE), Hellenic Open University. 23-24 October 2021, Virtual. Poster.
44. **Papageorgiou Gr.**, Paschalis Ev., Alamanis N., Zachos D. and Chrysanidis Th. 2021. *Evaluation of Static Slope Stability Methods, Regarding to Areas with Buried Gas Pipelines, Sewerage and Cable Networks*. 8th International Conference on Energy, Sustainability and Climate Crisis, 30 August – 3 September 2021, Volos, Greece.
45. Lokkas Ph., Alamanis N., Xafoulis N., **Papageorgiou Gr.**, Paschalis Ev. and Zachos D. 2021. *A Consistent Approach on the Optimization of the Existing Forms of Energy*. 8th International Conference on Energy, Sustainability and Climate Crisis, 30 August – 3 September 2021, Volos, Greece.

46. Paschalis Ev., Alamanis N., **Papageorgiou Gr.**, Tselios D., Zahidou A. and Boufikos I. 2021. *Energy Production through Water Supply Network. The case of Larissa City, Greece*. 8th International Conference on Energy, Sustainability and Climate Crisis, 30 August – 3 September 2021, Volos, Greece.
47. Zachos D., Alamanis N., **Papageorgiou Gr.**, Chrysanidis Th., Xafoulis N. and Paschalis Ev. 2021. *Comparative Study Determining the Characteristic Elements of a Support Retaining System Anchored on the Top, in a Deep Trench for Buried Energy Pipelines, with a Vertical Excavation Front*. 8th International Conference on Energy, Sustainability and Climate Crisis, 30 August – 3 September 2021, Volos, Greece.
48. Chrysanidis Th., **Papageorgiou Gr.**, Alamanis N., Mousama D. and Tzatzos E. 2021. *Impact of Seismicity to the Construction Cost of the Load-Bearing Structure of a 5-Storey R/C Building and Resulting Emissions*. 8th International Conference on Energy, Sustainability and Climate Crisis, 30 August – 3 September 2021, Volos, Greece.
49. Chrysanidis T.A., Alamanis N.O. and **Papageorgiou G.P.** 2021. *Investigation of the Impact of Seismic Zone to the Cost of Construction of a 5-Storey R/C Building*. Proceedings of the 8th ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, 27-30 June 2021, Athens, Greece.
50. Sioulas P.A., Chrysanidis T.A., Alamanis N.O. and **Papageorgiou G.P.** 2021. *Study of the Influence of Seismic Action on the Construction Cost of the Load-Bearing Structure of a Ten-Storey R/C/ Building*. Proceedings of the 8th ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, 27-30 June 2021, Athens, Greece.
51. **Papageorgiou G.**, Alamanis N., Tselios D., Paschalis E., Zahos D. and Xafoulis N. 2020. *Assessment of methodologies for estimating seismic displacement of slopes with underground energy pipelines*. Proceedings of 7th International Conference on Energy, Sustainability and Climate Change, 24-27 August 2020, Skiathos, Greece, Book of abstracts, p. 45.
52. Tselios D., **Papageorgiou G.**, Alamanis N. and Ipsilandis P. 2020. *Energy Project Portfolio Selection and Scheduling using Financial Criteria*. Proceedings of 7th International Conference on Energy, Sustainability and Climate Change, 24-27 August 2020, Skiathos, Greece, Book of abstracts, p. 44.
53. Zahos D., Bakalis G., Bakalis K., Alamanis N., **Papageorgiou G.** and Kotsopoulos S. 2020. *Comparative Study for Selecting Self-supporting Pile Retaining Wall, in Energy Duct Passages, with Vertical Excavation Front*. Proceedings of 7th International Conference on Energy, Sustainability and Climate Change, 24-27 August 2020, Skiathos, Greece, Book of abstracts, p. 47.
54. Mouratidis A., Daniilidou C.G. and **Papageorgiou G.P.** 2019. *Evaluation of pavement maintenance and strengthening techniques*, Proceedings of the 7th International Conference “Bituminous Mixtures and Pavements” organized by the Highway Engineering Laboratory, Department of Civil Engineering, Aristotle University of

Thessaloniki, Greece in conjunction with BERI (Built Environment Research Institute) of Ulster University, UK and CAIT (Center for Advance Infrastructure Technology) of the University of Mississippi, USA, and the University of Texas San Antonio (UTSA), 12-14 June 2019, Thessaloniki, Greece, pp. 516-523.

55. Lazogiannis K., Vassilakis E., Poulos S., Kotsopoulos S., Alexopoulos J., Alamanis N. and **Papageorgiou G.** 2019. *UAS-SfM as cost-effective tool for costal monitoring and management*, Proceedings of the 1st International Conference “Design and Management of Port, Coastal and Offshore Works”, NTUA, 8-11 May 2019, Athens, Greece, pp. 135-139.
56. Alamanis N., Drimonas Ch., Milozis E., Lazogiannis K., **Papageorgiou G.**, Vassilakis Emm., Alexopoulos J., Kotsopoulos S. and Chouliaras I. 2019. *Improvement measures and prospects for the development of “Glyfada” Marina, Attica, Greece*, Proceedings of the 1st International Conference “Design and Management of Port, Coastal and Offshore Works”, NTUA, 8-11 May 2019, Athens, Greece, pp. 37-41.
57. Mouratidis A. and **Papageorgiou G.P.** 2017. *Pavement performance and durability through rational design*, Proceedings of the 10th International Conference on Bearing Capacity of Roads, Railways and Airfields (BCRRA2017), Athens, Greece, 28-30 June 2017.
58. **Papageorgiou G.** and Mouratidis A. 2012. *Contribution in the Frame of Road Segmentation for Condition Assessment*, Proceedings of the 3rd Panhellenic Road Conference organized by the Technical Chamber of Greece, 9-10 February 2012, Athens, Greece.
59. Mouratidis A. and **Papageorgiou G.** 2011. *A Holistic Concept to Assess Pavement Distress*, Proceedings of the 5th International Conference “Bituminous Mixtures and Pavements” organized by the Highway Engineering Laboratory, Department of Civil Engineering, Aristotle University of Thessaloniki, Greece in collaboration with BERI (Built Environment Research Institute) of Ulster University, England and CAIT (Center for Advance Infrastructure Technology) of Mississippi University, USA, 01-03 June 2011, Thessaloniki, Greece, pp. 439-450.
60. Mouratidis A., Eliou N. and **Papageorgiou G.** 2010. *A Comprehensive Methodology to Define Threshold Values of Pavement Performance Indicators*, Proceedings of the 11th International Conference on Asphalt Pavements organized by the International Society for Asphalt Pavements (ISAP), 01-06 August 2010, Nagoya, Japan. Curran Associates Inc., Red Hook, NY, USA, pp. 1508–1517.
61. Mouratidis A. and **Papageorgiou G.** 2010. *Threshold Values of Pavement Characteristics at the Initial Stage of a Road Lifetime*, Proceedings of the 16th International Road Federation (IRF) World Meeting, 25-28 May 2010, Lisbon, Portugal.
62. Mouratidis A. and **Papageorgiou G.** 2006. *Road Serviceability Appraisal in View of Alignment Improvement*, Proceedings of the 9th International Road Conference, 23-25 April 2006, Budapest, Hungary.

63. Mouratidis A., Eliou N. and **Papageorgiou G.** 2005. *Model for Assessment of Overall Road Condition*, Proceedings of the 15th International Road Federation (IRF) World Meeting, 14-18 June 2005, Bangkok, Thailand.

Theses

1. *Optimization of Road Upgrading and Maintenance through Assessment of Operational and Geometric Characteristics*, 2010. *Doctoral Thesis*, Dept. of Civil Engineering, University of Thessaly, July 2010.
2. *Initial Assessment of Water Footprint of Asphalt Mixture for Road Construction Works*, 2012. Master Thesis, Hellenic Open University, School of Science & Technology – Postgraduate Course "Environmental Design of Infrastructure Works", September 2012.
3. *Steel Construction Design based on Eurocode 3*, 2000. Diploma Thesis, Dept. of Civil Engineering, University of Thessaly, May 2000.
4. *Serious Video Games and Education: Opportunities and Applications*, 2012. Thesis, School of Pedagogical and Technological Education (ASPETE) – General Department of Education, Annual Pedagogical Training Program (EPPAIK), Thessaloniki, June 2012.

Articles in newspapers

1. *The University Departments and Imathia in New Era*, 2005. Article in the newspaper "LAOS" Imathia dated 16/01/2005.
2. *Accessibility for Persons with Disabilities*, 2010. Article in the newspaper "LAOS" Imathia dated 16/10/2010.

Invited Speaker

Experiences from the Study of Private Projects, 2008. Meeting of the Alumni Association of the Department of Civil Engineering, University of Thessaly, November 2008, Volos.

Land use changes from high importance roads. Conference on "Spatial, urban and industrial development at the service of appraisers - Appraisal instructions and future property management". Hellenic Appraisers Association. November 23, 2019, Larissa.

Influence of road opening or upgrading on the values of passing properties. Conference on "Deepening in real estate valuation issues and E / M facilities". Hellenic Appraisers Association. March 16, 2019, Thessaloniki.

Sustainable integration of a road axis in the environment and protection of the area of North Evia. Conference on "Kandilion Orama (Politikon Street - Lake Evia)". A group of Evians and friends of Evia with the aim of constructing the road Politikon - Limni. October 9, 2021, Edipsos Baths.

SCIENTIFIC RECOGNITION

- 2008, 2010, 2011, 2012, 2015** **Aristotle University of Thessaloniki (AUTH)** – Departments of Civil Engineering and Rural and Surveying Engineering & **Hellenic Institute of Transport (HIT) of the National Centre for Research and Technology (NCERT)**
*Lectures at the Graduate Program "Planning, Organization and Management Systems Transport" as **Invited Lecturer***
- 2010 – present** Reviewer of scientific papers in the international peer-reviewed journal "Structure and Infrastructure Engineering"
- 2012 – present** Reviewer of scientific papers in the international peer-reviewed journal "Proceedings of the Institution of Civil Engineers – Transport"
- 2012 – present** Reviewer of scientific papers for the "World Scientific and Engineering Academy and Society" (WSEAS)
- 2011 – present** Invited Member of IRF (International Road Federation) Group of Experts on Road Safety
- 09-12/07/2014** **European Cooperation in Science and Technology (COST)**
Υποτροφία για συμμετοχή στο 2nd Autonomic Road Transport Systems Training School "Transport Support Systems: Behavioural Responses & Impact", Sofia, Bulgaria.
- 03-06/09/2013** **European Cooperation in Science and Technology (COST)**
Υποτροφία για συμμετοχή στο 4th MULTITUDE Summer School "Uncertainty in traffic simulation", Chios, Greece.
- 21-24/05/2013** **European Cooperation in Science and Technology (COST)**
Υποτροφία για συμμετοχή στο 1st Training School "Autonomic Road Transport Systems: foundation and techniques", Paris, France.

SUPERVISION (indicatively)

Polizoi Angela, from 2011 to 2012. Pavement Road Network Management via Operational Characteristics Evaluation, Master Thesis, Hellenic Open University, Faculty of Science and Technology Graduate Program "Construction Management", Patras.

Bruno Manuel da Silva Pires Machado and João Pedro Gomes Fernandes, 2005 - 2006. Management of Highway Maintenance and Operation, Work under the program Erasmus, Aristotle University of Thessaloniki, Department of Civil Engineering, February 2006, Thessaloniki.

Christos Ioannidis, from 2009 to 2010. Environmental Impacts of Highway Infrastructure, Thesis, TEI of Western Macedonia, Department of Geotechnology and Environment, February 2010, Kozani.

Chatziangeli Mary from 2011 to 2012. Concrete and Marine Projects, Thesis, TEI of Western Macedonia, Department of Geotechnology and Environment, June 2012, Kozani (member of three-member evaluation committee).

Bechlivanidou Styliani, from 2005 to 2006. Environmental Impact Assessment for Highway Projects, Thesis, TEI of Western Macedonia, Department of Geotechnology and Environment, February 2006, Kozani.

Triantafyllidis Dimitri and Alexandra Peitsi, 2005. Speed study - Environment - earthworks, Subject Course "Equipment and Maintenance of Roads", Aristotle University of Thessaloniki, Department of Civil Engineering - Department of Transport, Infrastructure, Management and Development, January 2005, Thessaloniki.

Kugiuntzis George, Luke and Freris Constantinos Roussis, 2005. Review of Road Safety, Topic Course "Equipment and Maintenance of Roads", Aristotle University of Thessaloniki, Department of Civil Engineering - Department of Transport, Infrastructure, Management and Development, February 2005, Thessaloniki.

Gregory Michaelides, Bouki Sophia and Evangelia Boura, 2005. The Traffic Comfort function of the characteristics of highway, Subject Course "Equipment and Maintenance of Roads", Aristotle University of Thessaloniki, Department of Civil Engineering - Department of Transport, Infrastructure, Management and Development, February 2005, Thessaloniki.

Pallas Vaios, Siormpas Dimitrios Thanos and Triantafyllou, 2005. Evaluation of Maintenance Works Surface Drainage and Sewerage Roads, Subject Course "Equipment and Maintenance of Roads", Aristotle University of Thessaloniki, Department of Civil Engineering - Department of Transport, Infrastructure, Management and Development, February 2005, Thessaloniki.

PROFESSIONAL EXPERIENCE

1995 – 2000

Work in Technical Offices for the purpose of acquiring knowledge and experience during my studies

06-08/1997

DEYA Naoussa

Assistant supervisor in projects Replacement Water Supply Network - Sewage in the Municipality of Naoussa

- 07/1998** **Macedonian SA**
Assistant supervisor in the project "Expansion - modern buildings of shelter Line Aetomilitsa - Konitsa N. Ioannina"
- 08/1998** **Macedonian SA**
Assistant supervisor of the project "Construction of road Filippaioi - Samarina Grevena"
- 06-08/2000** **Municipal Construction Company Naoussa (DI.K.E.NA.)**
Quarterly contract as a supervising engineer in underground pipeline construction project of reinforced concrete torrent flow arrangement to accommodate the change of city plan
- 07/2000 – present** **Technical Office**
Freelance Civil Engineer with Technical Office as a member of Technical Chamber of Greece
Study - Supervision of private projects, issuance of building permits
- 09/2001 – 08/2002** **Hellenic Army**
Lieutenant, Hellenic Army, in charge of building maintenance Division (maintenance - rebuilt - demolition - seismic control of buildings)
- 08/2002 – 01/2003** **Prefecture of Imathia**
Supervising Engineer in road widening project included construction of bridges, structures and replacement of water supply, drainage and irrigation in the "Hesperides" Naoussa
- 07/2003 – 05/2010** **Public Works**
Public Works Contractor with private construction company registered in M.E.E.P. and internal combustion engines Ministry of the Environment
The individual firm has built a road project in the prefecture Imathia a road project of the Municipality of Veria, a building project of the Municipality of Vergina, a building project of the Municipality Skydras a building project of the Municipality Koufalia and a hydraulic project of the Municipality of St. Paul
- 11/2005** **Hellenic Institute for Occupational Health and Safety (EL.IN.YAE)**
Safety Engineer certified by EL.IN.YAE
- 12/2006** **Prefecture of Imathia**
Member of the Working Group and author of the project "Updating HR Research and Education Infrastructure Imathia" as executive sponsor of the project (Development Office of Imathia SA)

EXPERIENCE IN ENERGY AUDIT

06/2011 – 2018 **Ministry of Environment, Energy & Climate Change (Y.P.E.K.A.)** – Special Inspection Secretariat of Environment and Energy - Special Energy Inspectorate (E.Y.EP.EN.)
Certified Energy Inspector

VALUATION EXPERIENCE - CONSULTANCY

2012 **TEGoVA (The European Group of Valuers' Associations)**
Recognised European Valuer (REV)

01/2004 – present **National Bank of Greece (NBG)**
Valuer – Consultant

04/2005 – 06/2013 **Emporiki Bank**
Valuer – Consultant

12/2005 – 12/2012 **ATEBank (Agricultural Bank of Greece)**
Valuer – Consultant

04/2007 – 12/2010 **Social Housing Organization**
Valuer – Consultant

EXPERT EXPERIENCE

01/2005 – present **Court of Justice, Veria**
Judicial expert

CONTROL AND EVALUATION OF INVESTMENT EXPERIENCE

05/2003 – 12/2008 **Development Agency of Imathia's Prefecture**
Technical Consultant - freelance for Integrated Rural Development Programme (OPAAX) East Vermion the Third Community Support Framework (CSF)

01/2009 – 06/2009 **Hellenic Organization of Small - Medium Sized Enterprises and Handicraft (EOMMEX)**
Auditor registered in the Register of Auditors of EOMMEX for the project "Development of Women's Employment & Entrepreneurship"

05/2012 – 06/2016 **Development Agency of Imathia's Prefecture**
Technical Consultant - freelance for Integrated Rural Development Programme

ADDITIONAL EDUCATION

- 25/04-10/05/2002** **Technical Chamber of Greece**
Department of Central Macedonia
Seminar «Project Management»
- 09-13/12/2002** **Technical Chamber of Greece**
Department of Central Macedonia
Seminar "Comfort and Hygiene Conditions in Buildings"
- 26-30/05/2003** **Technical Chamber of Greece**
Department of Central Macedonia
Seminar "European Environmental Regulations EMAS & ECO-LABEL"
- 15-17/12/2003** **National Bank of Greece (NBG)**
Business Development Personnel
Educational program "Technical Evaluations"
- 19-23/01/2004** **Technical Chamber of Greece**
Department of Central Macedonia
Seminar "Construction of Masonry Structures: Regulation, Damages, Restoration"
- 20-21/11/2004** **European Commission Representation in Greece –
European Centre for Communication, Information and
Culture (EKEPP)**
*Lectures on "Issues of European Integration for Educators
Officers"*
- 23-27/05/2005** **Technical Chamber of Greece**
Department of Central Macedonia
*Seminar "Pro-Seismic & Meta-Seismic Repair and
Strengthening Operations of Reinforced Concrete Buildings"*
- 10/10-18/11/2005** **Greek Institute for Occupational Health & Safety
(ELINYAE) – Annex of Thessaloniki**
Seminar on "Health and Safety - Accident Prevention"
- 18/09/2006 -
18/03/2007** **National Accreditation Centre (EKEPIS)**
Program "Continuous Education Teacher Training"
- 19-26/11/2008** **Development Agencies Network of Central Macedonia**
Educational program "Consultants Education in Enterprise"
- 22-26/06/2009** **Technical Chamber of Greece**
Department of Central Macedonia
Seminar "Energy Design of New and Existing Buildings"

- 07/02-18/03/2011** **Technological Educational Institute of Western Macedonia**
Special Account for Research
Educational program "Building Energy Audit, Heating and Air-conditioning"
- 20/05/2011** **International Hellenic University (IHU)**
Faculty of Science and Technology &
ECOCITY - Sector of Northern Greece
Soiree "Ecological Transportation in Thessaloniki"
- 25/06/2011** **Greek Valuation Institute (ELIE)**
*Educational workshop "Analysis of Valuation Standards
Deepening the DCF method and its implementation in the IVS"*
- 01/02-20/03/2012** **Technological Educational Institute of Western Macedonia**
Special Account for Research
Educational seminar "Building Energy Audit, Heating and Air-conditioning"
- 04/02/2012** **Greek Valuation Institute (ELIE)**
Educational workshop "The Course of Real Estate Market in Northern Greece"
- 05/02/2012** **Greek Valuation Institute (ELIE)**
Educational workshop "The Taxation of Real Estate"
- 18-19/02/2012** **Association of Greek Valuers (AVAG)**
Educational Seminar for AVAG Members for REV Certification
- 01/07/2012** **Greek Valuation Institute (ELIE)**
Educational workshop "Appraisers issues and workarounds"
- 07/07/2012** **Greek Valuation Institute (ELIE)**
Educational workshop "The provisions of the new building codes and significance"
- 10-12/09/2012** **National Bank of Greece (NBG)**
Business Development Personnel
Educational seminar "Technical Evaluations"
- 29/09/2012** **Greek Valuation Institute (ELIE)**
Educational seminar "Basics of Accounting"

MILITARY EXPERIENCE

09/2000 – 08/2002 **Lieutenant, Hellenic Army**

SERVICE TO THE PROFESSION

- Former President, Engineers' Society of Imathia Prefecture
- Member, Technical Chamber of Greece, 2000-present
- Former member of IRF Group of Experts on Road Safety
- Member, Hellenic Institute of Transportation Engineers
- Member, Greek Association of Civil Engineers
- Member, Greek Association of Public Works Constructors
- Member, Public Works Constructors Association of Imathia Prefecture
- Member, Association of Greek Valuers