CURRICULUM VITAE of **KONSTANTINOS EVANGELIDIS,**
PROFESSOR OF GEOINFORMATICS, INTERNATIONAL HELLENIC UNIVERSITY

SUMMARY

TOTAL EXPERIENCE OF 23 man years summarized as follows:
- *Professional Occupation:* 11 years as Free Launcher (5 as division head, 2 as a board member in a Consulting company), 12 as tenured educational staff
- *Educational Experience:* 20 academic years in courses related to Informatics/Geoinformatics, Configuration of 5 graduate courses and 1 post-graduate course of the curriculums of the Department, lectures in 5 post-graduate programs (MIS, MBA, Applied Informatics, Transport Eng etc.)
- *Administrative Work:* President/Vice President of the Department, Sector Director, Board Member of the Research Committee, Board Member of the nonprofit Open Technologies Alliance GFOSS, Member of the Institute's "Quality Assurance Unit", President of the Institute's "Receipt of Materials and Good Performance of Services" Committee, and member of numerous other Committees
- *Research/Professional Work:* 1 Book, 4 Theses, 22 Articles in Refereed Journals (SCIMAGO ranking), 38 Articles in Refereed Conference Proceedings, 150 citations from 14 publications (SCOPUS), 14 Greek Research Projects (Scientific Responsible in 8), 8 European Research Projects (Scientific Responsible in 1), 21 Projects in the broader Public Sector (Project Manager in 6), 74 graduate theses (supervisor in 25), 7 post-graduate thesis (supervisor in 3), committee member in 1 PhD thesis, member of 7 scientific-organizing committees, reviewer in 9 scientific journals of high impact factor.

DETAILED CURICCULUM VITAE

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1   PERSONAL DATA

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Full Name:	Konstantinos Evangelidis
Birthplace & Birth date:	Thessaloniki, October 4th, 1970
Marital Status:	Married with two children
Work Address:	Terma Magnisias, 62124, Serres, GREECE
Email/Tel.:	kevan@ihu.gr / +302320149406
www:	http://teachers.cm.ihu.gr/kevan/

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2   EDUCATION

2005   *Ph.D.*
Aristotle University of Thessaloniki, Faculty of Engineering,
Department of Civil Engineering, Division of Transportation, Construction Management and Regional Planning

2001   *M.Sc.*
Interdepartmental Programme of Postgraduate Studies (I.P.P.S.) in Information Systems (Master in Information Systems - MIS)
University of Macedonia

1997   *M.Sc.*
Programme of Postgraduate Study (P.P.S.) in Environmental Physics
Physics Department, Faculty of Sciences, Aristotle University of Thessaloniki

1995   *B.Sc.*
Physics Department, Faculty of Sciences, Aristotle University of Thessaloniki

3   PROFESSIONAL OCCUPATION

05/2019-today   *Professor* at Department of Surveying & Geoinformatics Engineering, School of Engineering, International Hellenic University, in the discipline *«Web-centric Information Systems and Geospatial Databases»*

09/2014-05/2019   *Associate Professor* at Department of Civil, Surveying & Geoinformatics Engineering, Faculty of Applied Technology, Technological Educational Institute of Central Macedonia, in the discipline *«Web-centric Information Systems and Geospatial Databases»*

06/2010-09/2014   *Lecturer* at Department of Geoinformatics & Surveying, Faculty of Applied Technology, Technological Educational Institute of Serres, specialized in *«Information Systems and Applications in Transportation Projects»*

07/2005-06/2010   *Board Member (30.06.2008-30.06.2010, ΦΕΚ ΑΕ-ΕΠΕ 10420/10.9.2008) - Head of Transportation and IT Systems Division,* TRIAS S.A. Consulting (Transport Planning, Traffic Engineering, Information & Application Systems

05/1999-06/2010   *Free Launcher – Consulting Services Provision* for numerous projects and studies in the private and public sector and in European programs

4 TEACHING EXPERIENCE

4.1 Member of Tenured Educational Personnel of International Hellenic University

From Academic Year 2019-20 – today, configuration and teaching of the following courses of the curriculum:
Databases (3rd Semester), **Geoinformatics & Transportation Projects** (6th Semester), **Geospatial Web & Geographic Databases** (8th Semester)

4.2 Member of Tenured Educational Personnel of TEI of C. Macedonia

Applied Informatics I, *(2010-11, 2011-12),* **Databases,** *(2011 - 2019),* **Applied Informatics II** *(2011 - 2019)*
Geoinformatics & Transportation Projects *(Configuration of the course on the curriculum reformation, 2013 - 2019),* **Design & Development of Geomatics Software** *(Configuration of the course on the curriculumreformation, 2013 - 2019)*

4.3 Teaching Associate in Postgraduate Programmes

Geographic Information Systems and Urban Space (Course Responsible), *Postgraduate Program, "Interventions in existing buildings and urban ensembles: reinforcements, reuse and spatial renewals", Dept. of Civil, Surveying and Geoinformatics Engineering, TEI of C. Macedonia (2017 - 2019)*
Geographic Information Systems, *MIS, University of Macedonia (2017)*
E-learning Systems, *Postgraduate Program "Applied Informatics", Dept. of Informatics Engineering, TEI of C. Macedonia (2015 - today)*
Database Technologies, *MBA, Postgraduate Study Program, Faculty of Administration and Economics, Business Administration Department, TEI of Serres, (2010 - today)*
Gathering and data analysis techniques-Business research data, *Programme of Postgraduate Courses on Transportation, Aristotle University of Thessaloniki, Departments of Civil Engineers and Agronomist and Topographer Engineers (from academic year 2010-11 to academic year 2015-16)*
Application of Information Society Techniques in Transportation, *Programme of Postgraduate Courses on Transportation, Aristotle University of Thessaloniki, Departments of Civil Engineers and Agronomist and Topographer Engineers (from academic year 2010-11 to academic year 2015-16)*
Geoinformatics and Data Analysis, *Inter-University Postgraduate Study Program in Physical Disasters, Faculty of Geology and Geoenvironment (National & Kapodistrian University of Athens) and Department of Geoinformatics & Surveying (TEI of Serres), (2004-05, 2005-06, 2007-08)*
Applied GIS in Physical Disasters Prevention and Management, *Inter-University Postgraduate Study Program in Physical Disasters, Faculty of Geology and Geoenvironment (National & Kapodistrian University of Athens) and Department of Geoinformatics & Surveying (TEI of Serres), (2007-08)*

4.4 Teaching Associate in TEI of C. Macedonia

Introduction to Geographic Information Systems (GIS) I - (Lab), *TEI of Serres/Faculty of Applied Technology, Department of Geoinformatics & Surveying (2002-03, 2003-04, 2004-05, 2005-06, 2008-09)*
Introduction to Informatics - (Theory), *TEI of Serres/Faculty of Administration and Economics, Business Administration Department, (2003-04, 2004-05)*
Management Information Systems - (Theory), *TEI of Serres/Faculty of Administration and Economics, Accounting Department, (2003-04, 2004-05)*
Informatics I - (Lab), *TEI of Serres/Faculty of Administration and Economics, Accounting Department, (2003-04)*
Applied Informatics II - (Theory), *TEI of Serres/Faculty of Applied Technology, Department of Geoinformatics & Surveying, (2004-05, 2005-06, 2006-07)*
Applied Informatics II - (Lab), *TEI of Serres/Faculty of Applied Technology, Department of Geoinformatics & Surveying, (2004-05, 2005-06, 2006-07, 2007-08, 2008-09, 2009-10)*
Applications of Informatics in Business Administration - (Lab), *TEI of Serres /Faculty ofAdministration and Economics, Business Administration Department, (2005-06)*
Databases I - (Theory), *TEI of Serres/Faculty of Applied Technology, Department of Informatics & Communications, (2006-07, 2007-08, 2008-09)*
Databases I - (Lab), *TEI of Serres/ Faculty of Applied Technology, Department of Informatics & Communications, (2006-07, 2007-08)*
Applied Informatics I - (Theory), *TEI of Serres/Faculty of Applied Technology, Department of Geoinformatics & Surveying, (2007-08, 2008-09, 2009-10)*
Applied Informatics I - (Lab), *TEI of Serres/Faculty of Applied Technology, Department ofGeoinformatics & Surveying, (2009-10)*

5 ADMINISTRATIVE EXPERIENCE

2021-today: **Vice President,** *Department of Surveying & Geoinformatics Engineering*, School of Engineering, International Hellenic University

2019-2021: **President**, *Department of Surveying & Geoinformatics Engineering*, School of Engineering, International Hellenic University

2018-2019: **Director**, Postgraduate Program, *"Interventions in existing buildings and urban ensembles: reinforcements, reuse and spatial renewals"* Dept. of Civil Engineering, School of Engineering, International Hellenic University

2015-2019: **Director** of the Department's *Surveying & Geoinformatics Sector*

2015-2018: **Board Member** of the *Research Committee*

2016-2019: **Board Member** of the nonprofit *Open Technologies Alliance GFOSS*

2010-2017: **Member** of the *Audit and Assessment Team of the Institution's Quality Assurance Unit*, responsible for assessing the intermediate versions of the information system and configuring proposals for its continuous improvement.

2015-2019: **Member** of the *Internal Evaluation Team* of the Department and Responsible for the Internal Evaluation of Surveying & Geoinformatics Direction of the Department

2015-2019: **Member** of the Committees charged with the *evaluation of external teaching staff*

2010-2019: **Responsible** for the *Coordination, Editing and Publication* of the Electronic Scientific Journal of the Department (*ΧΩΡΟΓΡΑΦΙΕΣ*)

2013-2014: **President** of the Institute's *"Receipt of Materials and Good Performance of Services"* Committee

2010-2011: **Member** of the Committee charged with *Recording and Auditing the FeedingBeneficiaries Students* of the Technological Educational Institution of Serres.

2011-2012: **Responsible** for developing an *Inventory and Management System for the Assets* of the Geoinformatics and Surveying Department

2010-2019: **Member** of *numerous committees*, charged with the evaluation of software and equipment procurements, stuff hiring and other administrative procedures of the Institute

2012-2017: **Responsible** for Editing the Department's *Timetable*

2010-today: **Member** of *Committees* charged with Bids Performance & Evaluation, ProjectsCertification and Receipt, for Operational Programmes' Management Authorities

2005-2010: **Head** of *Transportation and IT Systems Division,* TRIAS S.A. Consulting (Transport Planning, Traffic Engineering, Information & Application Systems, operation period 1992-2017)

2008-2010: **Board Member** *TRIAS S.A. Consulting* (ΦΕΚ ΑΕ-ΕΠΕ 10420/10.9.2008)

6 RESEARCH/PROFESSIONAL EXPERIENCE

6.1 Publications

6.1.1 Books/Thesis

2. **Evangelidis, K.** (**2018**). *Geoinformation technologies for Environmental Changes and Pressures Assessment.* Bucuresti: POLYTEHNIKA Pres, 2018. ISBN: 978-606-515-798-9. pdf

1. **Ph. D. Thesis** entitled: *Contribution to the design and optimization of geographic database GIS data models for transportation networks*, Library of Civil Engineering Department Faculty of Engineering, Aristotle University of Thessaloniki, 2005. (Greek Version Available at National Archive of PhD Theses: http://doi.org/10.12681/eadd/14712)

6.1.2 Articles in Refereed Journals or Book of Editors

22. Stylianidis, E., **Evangelidis, K.,** Vital, R., Dafiotis, P., & Sylaiou, S. (**2022**). 3D Documentation and Visualization of Cultural Heritage Buildings through the Application of Geospatial Technologies. *Heritage, 5*(4), 2818-2832. https://doi.org/10.3390/heritage5040146

21. Papadopoulos, T., **Evangelidis, K.,** Kaskalis, T.H., Evangelidis, G., & Sylaiou, S. (**2021**). Interactions in Augmented and Mixed Reality: An Overview. *Applied Sciences, 11*(5), 8752. https://doi.org/10.3390/app11188752

20. Sylaiou, S., Androudis, P., Tsiapali, M., Trivizadakis, N., Ramnalis, D., Polychronos, V., Efopoulos,V., & **Evangelidis, K. (2021, June)**. Cultural Heritage Documentation: The Case Study of the Ottoman Bath in Apollonia, Greece. In *International Conference on Emerging Technologies and the Digital Transformation of Museums and Heritage Sites* (pp. 97-110). Springer, Cham. https://doi.org/10.1007/978-3-030-83647-4_7

19. **Evangelidis, K.,** Papadopoulos, T., & Sylaiou, S. (**2021**). Mixed Reality: A Reconsideration Based on Mixed Objects and Geospatial Modalities. *Applied Sciences, 11*(5), 2417. https://doi.org/10.3390/app11052417

18. **Evangelidis, K.,** Sylaiou, S., & Papadopoulos, T. (**2020**). Mergin'Mode: Mixed Reality and Geoinformatics for Monument Demonstration. *Applied Sciences, 10*(11), 3826. https://doi.org/10.3390/app10113826

17. Papatheodorou, K. A., & **Evangelidis, K. E.** (**2020**). Planning for Groundwater Protection: Monitoring Systems & Data Requirements. In: *Sidorenko A., Hahn H. (eds) Functional Nanostructures and Sensors for CBRN Defence and Environmental Safety and Security. NATO Science for Peace and Security Series C: Environmental Security.* (pp. 207-221). Springer, Dordrecht. https://doi.org/10.1007/978-94-024-1909-2_15

16. **Evangelidis, K.**, Agrianidis, A., Perakis, K., Papadopoulos T., & Papatheodorou, K. (**2018**). Web-GIS Development for Geospatial data dissemination in EU Operational Programmes. *European Journal of Geography, 9*(2), 21-36 https://ojs.eurogeojournal.eu/index.php/egj/article/view/132

15. **Evangelidis, K.**, & Papadopoulos, T. (**2018**). A Javascript GIS Platform Based on Invocable Geospatial Web Services. *Geosciences, 8*(4), 139 https://doi.org/10.3390/geosciences8040139

14. **Evangelidis, K.**, Papadopoulos, T., Papatheodorou, K., Mastorokostas, P., & Hilas, C. (**2018**). 3D geospatial visualizations: Animation and motion effects on spatial objects. *Computers and Geosciences, 111*, 200-212 https://doi.org/10.1016/j.cageo.2017.11.007

13. Papatheodorou, K., **Evangelidis, K.**, & Ntouros, K. (**2017**). Geomatics for Environmental Protection and Resource Management. *Journal of Environmental Protection and Ecology, 18*(1), 168-180 pdf

12. **Evangelidis, K.**, & Papadopoulos, T. (**2016**). Is there life in Virtual Globes? *OSGeo Journal - FOSS4G 2016 Academic Track 16*(1), 50-55 pdf

11. Papatheodorou, K., & **Evangelidis, K.** (**2014**). Protecting and preserving ground water with monitoring systems and vulnerability maps. In A. Vaseashta, P. Susmann & E. Braman (Eds.), *Cyber Security and Resiliency Policy Framework: NATO Science for Peace and Security Series - D: Information and Communication Security - Vol. 38*(pp. 135-145). Netherlands: IOS Pres. http://doi.org/10.3233/978-1-

61499-446-6-135

10. Papatheodorou, K., Klimis, N., Margaris, B., Ntouros, K., **Evangelidis, K.**, & Konstantinidis, A. (**2014**). An Overview of the EU Actions towards Natural Hazard Prevention and Management: Current Status and Future Trends. *Journal of Environmental Protection and Ecology, 15*(2), 433-444. pdf

9. **Evangelidis, K.**, Ntouros, K., Papatheodorou, K., Konstantinidis, A., & Perakis, K. (**2014**). Geoclouds for Environmental Management. *Journal of Environmental Protection and Ecology, 15*(2), 623-629. pdf

8. **Evangelidis, K.**, Ntouros, K., Makridis, S., & Papatheodorou, C. (**2014**). Geospatial services in the Cloud. *Computers and Geosciences, 63,*116-122. https://doi.org/10.1016/j.cageo.2013.10.007

7. Κατσούλης, Γ., Μοσχόπουλος, Α., & **Ευαγγελίδης, Κ.** (**2010**). Η εφαρμογή των Συστημάτων Γεωγραφικών Πληροφοριών στα Μοντέλα Συγκοινωνιακού Σχεδιασμού. *ΧΩΡΟγραφίες, 1*(1), 31-39. pdf

6. Papatheodorou, K., **Evangelidis, K.**, Symeonidis, P., & Kaskalis, T. (**2008**). Applying Dynamic Segmentation and Linear Referencing Systems over the Web. *International Journal of Geoinformatics, 4*(3), 1-8. pdf

5. **Evangelidis, K.**, Basbas, S., & Papaioannou, P. (**2006**). A GIS web-based traffic accident information system. In K. Morgan, C.A. Brebbia & J.M. Spector (Eds.), *WWW The Internet & Society II - Advances in Education, Commerce & Governance, WIT Transactions on Information and Communication Technologies - Vol. 36* (pp. 363-372). United Kingdom: WIT Pres. pdf

4. **Evangelidis, K.**, & Papaioannou, P. (**2006**). Considering Network Demand Issues in GIS Transportation Data Modelling and Geographic Data Base Design. *International Journal of Geoinformatics, 2*(2), 32-45. pdf

3. Kaskalis, T. H., Tzidamis, T. D., Margaritis, K., & **Evangelidis, K.** (**2006**). Multimedia creation: An educational approach. *WSEAS Transactions on Information Science and Applications, 3*(2), 470-477. pdf

2. **Evangelidis, K. E.**, Konstantinidis, A. P., & Nikolaou, K. I. (**2005**). Estimating and visualising factors affecting traffic noise propagation, by use of advanced GIS techniques. *Fresenius Environmental Bulletin, 14*(9), 835-840. pdf

1. **Evangelidis, K. E.**, Kehris, E., & Kaskalis, T. H. (**2004**). A Laboratory Assistance Module. *International Journal of Information Technology, 1*(3), 135-138. pdf

6.1.3   *Articles in Refereed Conference Proceedings*

38. Sylaiou, S.,Antoniou, A., Wallace, **Evangelidis, K.**, M., Poulopoulos.(**2022**) The ARTEST project: the future of digital humanities teaching and learning. *17th International Workshop on Semantic and Social Media Adaptation & Personalization, IEEE SMAP 2022* (under review)

37. Wallace, M., Antoniou, A., Poulopoulos, V., Karantzoulis, A., Santagati, C., Garozzo, R., Mario La Russa, F., Su-khbaatar, O., Ulambayar, E., Sylaiou, S., **Evangelidis, K.**, Papatheodorou, K., Eide, Ø., Sereeter, E., Myag-marsuren, O., Ioannides, M., Povroznik, N., Dobrynina, N. (**2022**). ARTEST: Enhancing education programmes in Arts and Humanities via European STEM methods and tools. *EuroMed2022: Digital Cultural Heritage Documentation, Preservation and Protection, Cyprus, 7-11 November 2022*

36. Sylaiou S., Trivyzadakis N., **Evangelidis K.**, Papadopoulos K. (**2021**). Geospatial archaeological information visualization and Mixed Reality: Enhancing visitors' meaningful engagement with archaeological sites. *Computer Applications and Quantitative Methods in Archaeology (CAA 2021) "Digital Crossroads", Limassol, Cyprus, 14-18 June 2021*

35. Sylaiou S., Androudis P., Tsiapali M., Trivizadakis N., Ramnalis D., Polychronos V., Efopoulos V., **Evangelidis K.** (**2021**). Cultural Heritage Documentation: the case study of the Ottoman Bath in Apollonia, Greece, *RISE IMET 2021, 2-4 June 2021 International Conference on Emerging Technologies and the Digital Transformation of Museums and Heritage Sites, Nicosia, Cyprus, 2021.*

34. Κωνσταντινίδης, Α., Περάκης, Κ., & **Ευαγγελίδης, Κ.** (**2018**). Πιθανοτικοί χάρτες και περιβαλλοντικές παράμετροι.*15ο Εθνικό Συνέδριο στη Χαρτογραφία, Η Χαρτογραφία των Κρίσεων, Θεσσαλονίκη, 31 Οκτωβρίου-3 Νοεμβρίου 2018* (σσ. 531) pdf

33. Ntouros, K., Grinias, E., Papatheodorou, K., **Evangelidis, K.**, & Farkas, I. (**2018**). Spatial Management of borehole data using a GIS Cloud platform.*4th International Conference, Water Across Time in Engineering Research - WATER 2018, June 21 to 23, 2018, Constantza, Romania* (pp. 92) pdf

32. **Evangelidis, K.**, & Konstantinidis, A. (**2018**). Teaching Geodata Management in a multidisciplinary

distance learning environment*4th International Conference, Water Across Time in Engineering Research - WATER 2018, June 21 to 23, 2018, Constantza, Romania* (pp. 96) pdf

31. Sarantis, C., **Evangelidis, K.**, Papatheodorou, K., & Ntouros, K. (**2018**). Natural Disasters Modelling over a python-based WebGIS platform, *4th International Conference, Water Across Time in Engineering Research - WATER 2018, June 21 to 23, 2018, Constantza, Romania* (pp. 89) pdf

30. **Evangelidis, K.**, & Papadopoulos, T. (**2016**) Is there life in Virtual Globes?. In *Proceedings of the Free and Open Source Software for Geospatial (FOSS4G), August 24 to 26, 2016, Bonn, Germany* (pp. 50-55) pdf

29. **Evangelidis, K.**, Papatheodorou, K., & Agrianidis, A. (**2016**). Geospatial Data Dissemination in Geographically Specific EU Operational Programmes. In *Proceedings of the 3rd International Conference, Water Across Time in Engineering Research - WATER 2016, June 23 to 25, 2016, Constantza, Romania* (pp. 81-90) pdf

28. **Evangelidis, K.**, Papadopoulos, T., Papatheodorou, K. & Papaioannou, P. (**2016**). Combining WEB - GEO Services for Mobility Smart Applications. In *Proceedings of the 20th European Conference on Mobility Management, ECOMM, June 1-3, 2016, Athens, Greece* pdf

27. Papadopoulos, T., & **Evangelidis, K.** (**2016**). An HTML tool for exploiting geospatial web services. In *Proceedings of the Geospatial World Forum, 2016, Rotterdam, The Netherlands* pdf

26. Papatheodorou, K., **Evangelidis, K.**, & Ntouros, K. (**2015**). An integrated approach to promote GroundWater sustainability. In *Proceedings of the Frontiers in Environmental and Water Management, March 19-21, 2015, Kavala, Greece* (pp. 63-69) pdf

25. Ντούρος, Κ., Κωνσταντινίδης, Α., Παπαθεοδώρου, Κ., και **Ευαγγελίδης, Κ.** (**2014**). Διαχείριση των Φυσικών Πόρων με τη Χρήση των Γεωγραφικών Πληροφοριακών Συστημάτων "Υπολογιστικού Νέφους (Cloud GIS). *Πρακτικά 8ου Πανελληνίου Συνεδρίου HELLASGIs, 11 & 12 Δεκεμβρίου 2014, Αθήνα* pdf

24. Papatheodorou, K., **Evangelidis, K.**, & Ntouros, K. (**2014**). Applied Research for Protection and Management of Groundwater Resources Using Contemporary Technologies. In *Proceedings of the 1st International Medical Conference, MED ENV 2014, "Environment and Public Health", ROMANIA, 12-14 September 2014* pdf

23. Papatheodorou, K., Klimis, N., Ntouros, K., **Evangelidis, K.**, Konstantinidis, A.(**2014**). Natural hazard Prevention and Management in the wider Black Sea area: The SciNetNatHaz Project. In *Proceedings of the 1st International Medical Conference, MED ENV 2014, "Environment and Public Health", ROMANIA, 12-14 September 2014* pdf

22. Papatheodorou, K., & **Evangelidis, K.** (**2013**). Protecting and preserving ground water with monitoring systems and vulnerability maps, *NATO Advanced Research Workshop, "Best Practices and Innovative Approaches to Develop Cyber Security and Resiliency Policy Framework", Ohrid, FYROM, 10-12 June 2013* pdf

21. Σταματόπουλος, Α., Κωνσταντινίδης Α., και **Ευαγγελίδης, Κ.** (**2012**). Χαρτογραφικά εργαλεία και διαδικασίες σε περιβάλλον λογισμικού GIS. Πρακτικά *12ου Εθνικού Συνεδρίου στη Χαρτογραφία, Χαρτογραφία και Χωρική Πληροφορία στην Τοπική Αυτοδιοίκηση, Κοζάνη, 9-13 Οκτωβρίου 2012* pdf

20. Papatheodorou, K., Veranis, N., & **Evangelidis, K.** (**2012**). Remote Sensing and Geomatics Technologies to Support Groundwater Sustainability. In *Proceedings of the BENA 2012 Istanbul Conference 21-24 June, 2012* pdf

19. **Evangelidis, K.**, Ntouros, K., & Makridis, S. (**2012**). Geoprocessing Services over the Web. In *Proceedings of the 32nd EARSeL Symposium, Mykonos, Greece* (pp. 344-349) pdf

18. Konstantinidis, A., Tzanou, E., **Evangelidis, K.**, Makridis, S., & Perakis, K. (**2012**). Methodological Chain for Hydrological Management with Web-GIS Application. In *Proceedings of the 32nd EARSeL Symposium, Mykonos, Greece* (pp. 290-297) pdf

17. **Evangelidis, K.**, Papadopoulos, C., Taskaris, A., Moschopoulos, A., Politis, I., & Papaioannou, P. (**2011**). Intelligent traffic management in East Ring Road of Thessaloniki: First two years. In *Proceedings of the Intelligent Transportation Systems, ITS 2011, Innovation and Society, International Conference, 2011, Patras, Greece 2011* pdf

16. **Evangelidis, K.**, Papadopoulos, C., Stogios, I., & Papaioannou, P. (**2011**). User information system in East Ring Road of Thessaloniki. In *Proceedings of the Intelligent Transportation Systems, ITS 2011,*

Innovation and Society, International Conference, 2011, Patras, Greece 2011 pdf

15. Katsoulis, G., Mitsakis, E., Politis, J., & **Evangelidis, K.** (**2011**). Road Network Adaption requirements and Network Assignment Traffic Model Feeding. The case of the city of Thessaloniki. In *Proceedings of the 5th International Congress on Transportation Research, Volos, Greece 2010* (pp. 1122-1140). pdf

14. Papatheodorou, K., & **Evangelidis, K.** (**2009**). GroundWater Information System. A digital tool for GroundWater resources protection and management. In *Proceedings of the 4th International Environmental Conference: "Life Quality and Capacity Building in the Frame of a Safe Environment", Balkan Environmental Association (B.EN.A.),17-20 March 2009, Katerini, Greece* pdf

13. Τσιωνάς, Ι., **Ευαγγελίδης, Κ.**, Κωνσταντινίδης, Η., και Κωνσταντινίδης, Α. (**2008**). Γεωγραφικό Σύστημα Δήμου Καλαμαριάς: περνώντας από το Workstation στο Enterprise GIS, *Πρακτικά 5ου Πανελληνίου Συνεδρίου HELLASGIs, ΓΕΩΓΡΑΦΙΚΑ ΣΥΣΤΗΜΑΤΑ ΠΛΗΡΟΦΟΡΙΩΝ – ΠΕΡΙΒΑΛΛΟΝ & ΑΝΑΠΤΥΞΗ, 4 & 5 Δεκεμβρίου 2008, Αθήνα* pdf

12. **Evangelidis, K.**, Symenonidis, P., Papatheodorou, K., and Konstantinidis, A. (**2007**). Dynamic Segmentation as a tool for Transport related data Management. In *Proceedings in electronic format of the 2007 ESRI International User Conference.* pdf

11. Papaioannou, P., **Evangelidis, K.**, and Tsavdaridou M. (**2006**). GIS-based Integrated Project Management Services during the Construction of Transport Infrastructure' Construction. In *Proceedings in electronic format (CD-ROM) of the 21st European Conference for ESRI Users, November 6-8, 2006, Hilton Hotel, Athens, Greece.* pdf

10. Στεφανίδου, Ε., **Ευαγγελίδης, Κ.**, Κωνσταντινίδης Α., και Παπαθεοδώρου, Κ. (**2006**). Η χαρτογράφηση του κυκλοφοριακού θορύβου σε τμήμα αστικού οδικού δικτύου, *Πρακτικά 9ου Εθνικού Συνεδρίου στη Χαρτογραφία, Η Χαρτογραφία των Δικτύων-Χαρτογραφία μέσω Δικτύων, Χανιά, 2-4 Νοεμβρίου 2006* (σσ. 429-439). pdf

9. Κωνσταντινίδης, Α., **Ευαγγελίδης, Κ.**, Παπαθεοδώρου, Κ., Προφυλλίδου, Μ., και Ράμναλης, Δ. (**2006**). Η οικιστική εξέλιξη περιοχών και τα δίκτυα μέσων μαζικής μεταφοράς: Η Περίπτωση της Περαίας. *Πρακτικά 9ου Εθνικού Συνεδρίου στη Χαρτογραφία, Η Χαρτογραφία των Δικτύων-Χαρτογραφία μέσω Δικτύων, Χανιά, 2-4 Νοεμβρίου 2006* (σσ. 403) pdf

8. Καραγκιόζη, Ε., **Ευαγγελίδης, Κ.**, Κωνσταντινίδης Α., και Ράμναλης, Δ. (**2006**). Διαχείριση Ηλεκτρονικής Χαρτοθήκης με τη Χρήση της Τεχνολογίας ArcIMS. *Πρακτικά 9ου Εθνικού Συνεδρίου στη Χαρτογραφία, Η Χαρτογραφία των Δικτύων-Χαρτογραφία μέσω Δικτύων, Χανιά, 2-4 Νοεμβρίου 2006* (σσ. 463) pdf

7. **Evangelidis, K.**, Papaioannou, P., & Panayotakopoulos, D. (**2005**). Considering Network Demand Issues in GIS Transportation Data Modeling. In *Proceedings in electronic format (CD-ROM) of the 2005 ESRI International User Conference, San Diego, California, July 25-29, 2005* California: ESRI pdf

6. Konstantinidis, A., **Evangelidis, K.**, & Stefanidou, E. (**2005**). GIS-based Visualisation of Traffic Noise. In *Proceedings of the 9th International Conference on Environmental Science and Technology, Rhodes Island, Greece, 1-3 September 2005* (pp. 431-436) pdf

5. Κασκάλης, Θ., Μαλέτσκος, Α., και **Ευαγγελίδης, Κ.** (**2004**). Χρήση και Αξιοποίηση Ηλεκτρονικών Ερωτηματολογίων σε Έναν Εκπαιδευτικό Δικτυακό Τόπο. *Πρακτικά 4ου Πανελληνίου Συνεδρίου με Διεθνή Συμμετοχή, Οι Τεχνολογίες της Πληροφορίας και της Επικοινωνίας στην Εκπαίδευση, Αθήνα, 29 Σεπτεμβρίου - 3 Οκτωβρίου 2004* (σσ. 455-464) pdf

4. **Evangelidis, K.**, Papaioannou, P., & Kaskalis, T. (**2003**). TELEcommunication and inforMATICS Technologies Serving the Greek Freeway Users. In *Proceedings of the 9th Panhellenic Conference in Informatics, Thessaloniki, 21-23 November 2003* (pp. 295-309) pdf

3. Papaioannou, P., Basbas, S., & **Evangelidis, K.** (**2001**). Evaluation of Traffic Noise Levels as a Result of Urban Transport Measures, Applying a GIS-based Technology. In *Proceedings in electronic format (CD-ROM) of the 4th European Conference on Noise Control (EURONOISE).* pdf

2. Κωνσταντινίδης Α., Τζάνου, Ε., **Ευαγγελίδης, Κ.**, και Γεωργίου, Γ. (**2000**). Σύγχρονες Μέθοδοι Ανάλυσης και Οπτικοποίησης Περιβαλλοντικών Παραμέτρων. Περιπτώσεις Κυκλοφοριακού Θορύβου και Διασποράς Ρύπων, *Πρακτικά 6ου Εθνικού Συνεδρίου στη Χαρτογραφία, Η Χαρτογραφία σε Εξέλιξη, Αθήνα, 22-24 Νοεμβρίου 2000* (σσ. 369-375) pdf

1. **Evangelidis, K.**, Konstantinidis, A., & Papaioannou, P. (**2000**). Conceptual Design For GIS Based Modeling Of Environmental (Transport-Related) Noise. In A. Anagnostopoulos (Ed.). In *Proceedings*

of the 5th International Conference on Environmental Pollution, August 28 - September 1, 2000, Thessaloniki, Greece (pp. 749-756) pdf

6.2 Professional-Research Experience

6.2.1 National Research Programmes

14. **10/2019-04/2022. MERGIN' MODE: MixEd Reality & GeoINformatics for MOnument Demonstration,** *Co-financed by the European Regional Development Fund of the European Union and Greek national funds through the Operational Program Competitiveness, Entrepreneurship and Innovation, under the Special Action "Open Innovation in Culture". Coordinator is Tessera Multimedia S.A. and partners are GEOSENSE I.K.E., International Hellenic University (Department of Surveying and Geoinformatics Engeineering), Aristotle University of Thessaloniki (Department of History and Archaeology) and Ephorate of Antiquities of Thessaloniki City.* **Project Responsible**

13. **09/2015-09/2016. Environmental Geoinformatics,** *Program for Updating Graduates' Knowledge funded by the Operational Program "Education and Long-Life Learning" of the National Strategic Reference Framework 2007-2013. Coordinator was the University of Aegean and participant organization among others the Technological Institute of Central Macedonia.* **Local Project Responsible**

12. **01/2018-05/2018. Open GIS platform based on invocable geospatial web services.** *Short duration research project funded by the Special Account of Research Funds of Technological Institute of Central Macedonia.* **Project Responsible**

11. **09/2015-10/2018. Software development framework for three dimensional geospatial visualizations functions.** *Short duration research project funded by the Special Account of Research Funds of Technological Institute of Central Macedonia.* **Project Responsible**

10. **12/2014-11/2017. 3D visualization and motion simulation of objects over digital terrain models.** *Short duration research project funded by the Special Account of Research Funds of Technological Institute of Central Macedonia.* **Project Responsible**

9. **01/2013-02/2014. Geospatial information processing services based on cloud technologies.** *Short duration research project funded by the Special Account of Research Funds of Technological Institute of Central Macedonia.* **Project Responsible**

8. **01-2013-02-2014. Project: Procedures - Applications Development for Standardizing Changes on Public Transport Network Structural and Operational Features, for the Responsibility Area of THEPTA (Thessaloniki Public Transport Authority)** *Study for coding changes occurring on Structural-Operational features of Thessaloniki Public Transport Network. GTFS (General Transit Feed Specification) files update during THEPTA's participation in Google Transit Partner Program for 6 months. Project funded by Thessaloniki Public Transport Authority* **Project Responsible.**

7. **17/5/2012-17/9/2012. Project: Development of a Geospatial Information Infrastructure for Thessaloniki Public Transport Authority** *Study and Application of General Transit Feed Specification for Thessaloniki Public Transportation (THEPTA). THEPTA incorporation in Google Transit Partner Program).* *Project funded by Thessaloniki Public Transport Authority.* **Project Responsible**

6. **14/4/2011-30/6/2013 Project: Quality Assurance Unit, TEI of Serres** *Development of a Quality Assurance Information System serving the Technological Educational Institute of Serres). Operational Programme: "Education and Lifelong Learning" National Strategic Reference Framework 2007-2013.* **Member of the Audit and Assessment Team**

5. **21/4/2008-31/8/2008 Subproject: Reformation of Studies Programme - Support of Studies in Informatics - Action 2.2.c - National Documentation Center** *Reformation of the Informatics and Communications Department Studies Programme, Operational Programme for Education and Initial Vocational Training, TEI of Serres, Research Committee* **Development of electronic material for the theoretical section of the course "Databases I"**

3. **7/11/2002-7/11/2005 HERACLITUS. Subproject: Contribution to the design and optimization of geographic database GIS data models for transportation networks** *Development of data models concerning transportation spatial data structures, aiming to assist in spatial information interchange between different subsystems), Programme for Education and Initial Vocational Training, National*

Documentation Center, Measure 2.6, Research Committee of Aristotle University of Thessaloniki. **Production of Basic Research during Ph.D. Thesis Development.**

2. **12/6/2002-12/12/2002 Investigation - Examination of Sustainability and Promotional Activities for Macedonia Airport supplementary works** *Study regarding Macedonia airport expansion). Civil Airport Agency, Research Committee Aristotle University of Thessaloniki, Civil Engineering Department, Transportation Sector.* **Informatics and Geographic Information Systems Consultant. Responsible for spatial data processing and transportation database development**

1. **7/12/1995-19/1/1996 Strategic Plan for the development of Thessaloniki International Airport MACEDONIA** *Strategic Plan for the development of Thessaloniki International Airport MACEDONIA). Civil Airport Agency, Research Committee Aristotle University of Thessaloniki, Civil Engineering Department, Transportation Sector.* **Analysis and processing of transportation survey data.**

6.2.2   European Research Programmes

8. **01/2021-01/2024. ARTEST, Enhancing education programmes in Arts and Humanities via European STEM methods and tools,** *The project aims at rethinking education in humanities in Russia and Mongolia in line with EU standards, research and practices to catch up with the latest trends of the labour market and reinforce education in humanities by adopting digital methods of research and education. Proposal follows the idea that graduates with degrees in Arts and Humanities demonstrate high levels of soft skills development (demanded by potential employers), however, may lack digital skills traditionally associated with STEM programmes.* **IHU Scientific Coordinator.**

7. **06/2020-10/2022. REDACT, Rapid Earthquake Damage Assessment ConsorTium,** *The global objective is to improve cross-border joint environmental data and information monitoring, availability and cooperation regarding earthquake disaster prevention, management and seismic risk mitigation, by developing a framework for harmonization and cooperation, as well as a new Service, based on innovative ICT-based solutions (a Rapid Earthquake Disaster Assessment System; a Smartphone app; an Educational Hub) going beyond the existing practice in the field of Earthquake Emergency Preparedness and Response. The project is co-financed by the Black Sea Basin ENI Cross-Border Cooperation Programme 2014-2020.* **Responsible for the design and development of the Geographic Database.**

6. **09/2015-09/2018. ENVYJOBS, ENVIRONMENTAL LEARNING INNOVATION FOR MORE KNOWLEDGE AND BETTER JOBS,** *Programme: Erasmus+ (The project Environmental learning innovation for more knowledge and better jobs - EnvYJobs follows to enhance studentsβ☐☐ knowledge in environmental engineering and to make their skills and competences more attractive for stakeholders.* **Responsible for the development and teaching of the Course: Geoinformaation Tehnologies for Environmental Changes and Pressures Assessment.**

5. **04/2013-04/2015. SciNetNatHaz, Scientific Network for Earthquake, Landslide and Flood Hazard Prevention,** *The global objective of the Project is to achieve a strong regional partnership and cooperation by the Development of a Scientific Network for the establishment of a scientific consensus, in order to setup common strategies and natural hazard prevention methods. The Scientific Network members will work together sharing competencies and resources to address earthquake, landslide and flood hazards which do have Trans β☐☐ boundary consequences both on the economy and on the environment. The project is implemented under the BLACK SEA BASIN Join Operational Programme, co-funded by the European Union and national funds of the participating countries.* **Responsible for the development of the WebGIS platform.**

4. **04/2005-06/2005. IMONODE, Efficient Integration of Cargo Transport Modes & Nodes in CADSES area,** *The project aims at studying the options and suggesting solutions and solid actions that will enhance the greater use of, and the accessibility to the transportation axes no V and X for freight transport with priority on rail for the areas of CADSES countries of Southeast Europe) European Regional Development Fund (ERDF), under the INTERREG III B CADSES programme, 2A077, Hellenic Institute of Transportation, TRIAS S.A.* **Descriptive and spatial traffic data management and geographic database development.**

3. **04/2000-04/2001. DATELINE, Design and Application of a Travel survey for European Long-distance Trips Based on an International Network of Expertise,** *The project presents concepts, methods and potential for implementing a homogenous European travel survey of long-distance mobility in all the member States of the European Union, based upon an international network of*

expertise. This is in response to the need for passenger transport statistics at the European level, for which no high quality database is currently available). DG TREN, EU 5th RTD FP, GMA1/10016/199 Coordinator Socialdata DE, Partner TRIAS SA. **Team member of Work Package 5: Database development. Participation in the development of a software based on the spatial objects of Geographic Information Systems.**

2. **02/1999-12/1999. <u>AFFORD, Acceptability of Fiscal and Financial measures and Organisational Requirements for Demand management</u> ,** *The project aims to show that marginal cost pricing in combination with other fiscal and financial measures can in practice effectively internalise transport externalities such as congestion and environmental impacts, and can regulate demand in a way that is socially efficient and equitable). DG TREN, EU 4th RTD FP, UR-97-SC.2258, Coordinator GOV. INSTITUTE FOR ECONOMIC RESEARCH, FI Partner TRIAS SA.* **Specialized software development for traffic data management. Software development for supporting traffic simulation models.**

1. **07/1998-04/1999. <u>MUSIC, Management of Traffic Using Traffic Flow Control and other Measures</u>,** *The project aims at showing that innovative, cost-effective methods of traffic control can be used to assist management of urban travel in order to reduce congestion, improve efficiency, especially that of public transport modes, reduce pollution and influence transport choices). DG TREN, EU 4th RTD FP, UR-95-SC.0173, Coordinator YORK GB Partner TRIAS SA.* **Database development for producing origin-destination matrices.**

6.2.3   Projects in the broader Public Sector

21. **05/2010-05/2011.** *Operation of Thessaloniki Eastern Ring-Road Traffic Control Center (Incident detection, identification and confirmation. Selection and dispatch of the appropriate messages to the Variable Message Signs. Incident management and response plans application. Traffic data collection and exploitation). Assigned by Region of Central Macedonia / Works Control & Maintenance Directorate to TRIAS S.A.* **Project Manager, legal representative of the contractor**

20. **02/2009- 04/2010.** *Enhancing Operation of Thessaloniki Eastern Ring-Road Traffic Control Center (Incident Management and response plans application by utilizing a specialized advanced traffic management software, ATMS, that has been integrated with Telematics equipment and parameterized to satisfy the needs of the System. Assigned by Region of Central Macedonia / Works Control & Maintenance Directorate to TRIAS S.A.* **Project Manager, legal representative of the contractor**

19. **12/2009-05/2010.** *Development of an Integrated Geographical Information System in the Region of Central Macedonia (Supply and installation of a core GIS-Server, to be used by any interested authority existing under Region of Central Macedonia. Design and development of a central geographic database containing geospatial data from all the above authorities). Assigned by Region of Central Macedonia / Administration Directorate to the Union TRIAS- CHARTOGRAFIA.* **Project Manager, legal representative of the contractor**

18. **12/2009-04/2010.** *Technical Support of Thessaloniki Eastern Ring Road Traffic Control Center (Enrichment and update of the VMS message library. Configuration of new incident response plans. Processing and exploitation of the collected traffic data. Preparation of the Traffic Control Center Operations Regulatory Framework). Assigned by Region of Central Macedonia / Works Control & Maintenance Directorate to TRIAS S.A.* **Project Manager, legal representative of the contractor**

17. **11/2008-07/2009.** *Geographic Information System for the Municipality of Xanthi (Design and development of a Central Geographic Database. Installation and parameterization of a GIS Server. Design and development of desktop GIS applications satisfying the needs of the municipality technical services as well as the needs of electronic government services). Assigned by Municipality of Xanthi to the Union TRIAS-GEOSENSE-CHARTOGRAFIA.* **Deputy Project Manager**

16. **12/2007-06/2009.** *Development of a Geographic Information System (GIS) serving the Technical Services of the Municipality of Kalamaria β Provision of Spatial Information to other municipality services - provision e-GOVERNMENT services through the Web (Design and development of a Central Geographic Database. Installation and parameterization of a GIS Server. Design and development of desktop GIS applications satisfying the needs of the municipality technical services as well as the needs of electronic government services). Assigned by Municipality of Xanthi to the Union TRIAS-COMPUCON-CHARTOGRAFIA.* **Deputy Project Manager and legal representative of the contractor joint-venture.**

15. **5/4/2007-31/12/2008.** *Software & Application Development and Integration of Thessaloniki Eastern Ring-Road User Information System (Intelligent Transport System aiming to serve citizens on a real time basis providing notification with regard to traffic conditions and advanced incident management capabilities. The System covers a length of almost 12,5 Km for each direction of Thessaloniki Eastern Ring-Road - from Efkarpia Interchange K5 to K12). Assigned by Region of Central Macedonia / Works Control & Maintenance Directorate to the union DELCAN International Ltd.-TRIAS S.A.* **Coordinator of the team customizing third party software and integrating it with the Telematics software. Responsible for the development of other individual applications.**

14. **03/2007-09/2008.** *Design and Development of a Routine Maintenance Management System serving the National Road Network of Region of Central Macedonia (Development and Customization of Road Network Management Software. Data collection surveillance. Optical recognition data embedding in to the system. Data analysis, thematic map production and software development). Assigned by Region of Central Macedonia / Works Control & Maintenance Directorate to the union TREDIT S.A., V. VAVAKOS, I. KONSTANTINIDIS.* **Special scientific associate experienced in Geographic Information Systems software.. Head of "Specifications" section.**

13. **03/2007-10/2007.** *Development of the Core and relevant applications of the Data Management and Processing Node of the Hellenic Institute of Transportation (Development of the internetworking subsystems of Routing, Traffic Forecasting, Network Simulation and Infomobility with the aim to provide internet services to any interested consultant or authority subscriber of the Institute). Assigned by Research and Technological Development National Center / Hellenic Institute of Transportation to OTENet and its subcontractors DRAXIS-TRIAS-IMC.* **Responsible for System Architecture and equipment specifications.**

12. **05/2006-03/2007.** *Upgrade-Update of EGNATIA ODOS SA Traffic Model (Analysis of Current Situation and Definition of the New Traffic Model Operational Framework for Egnatia Motorway. Organization of Road-side Surveys and Traffic Data Collection. Data Processing and Analysis/New Traffic Model Configuration. Alternative Scenarios Build-up and Traffic Model Runs). Assigned by Egnatia Odos S.A. to the individual consultant P. Papaioannou.* **Participation in the preparation of the Technical Proposal. Team member referenced in the contract between contractor and assignor authority. Responsible for spatial data management. Design, Implementation and Maintenance of Egnatia Motorway Traffic Model Geographic Database.**

11. **01/2003-12/2003.** *System Manager Consulting Services for Kavala By-pass pilot Telematics Project Implementation of Egnatia Motorway (Installation of Traffic Control and Management Software in the Control Center of Kavala by-pass and integration with the provided telematics equipment). Assigned by Egnatia Odos S.A. to DELCAN International Ltd.* **Participation in the preparation of the Technical Proposal. Team member with active participation in the Telematics software design documentation. Responsible for maintaining a complete understanding of the Telematics system, know-how technology transfer, local support provision and guarantee services to Egnatia Odos S.A. on behalf of the contractor firm**

10. **01/2003-07/2003.** *Deployment of Specifications/ Guidelines for Telematics Applications in Egnatia Motorway (Editing of SCADA and Emergency Telephone System specifications. Preparation of Telematics specification summary documents for Egnatia motorway. Editing of ITS guidelines and specifications to be incorporated in the official Guideline Documents of Egnatia Odos SA concerning road project studies). Assigned by Egnatia Odos S.A. to TRIAS S.A.* **Participation in the preparation of the Technical Proposal. Team member participating in the investigation and editing of ITS specifications with regard to traffic control and management software. Responsible for GIS development.**

9. **11/2001-11/2002.** *Traffic Connection between the Old and the New Thessaloniki-Kilkis National Road. Junctions Study, Environmental Study (Study and Design of Traffic Connections between the New National Road of Thessaloniki - Kilkis and the Old one as well as local communities. Junctions Study, Environmental Study). Assigned by Region of Central Macedonia to a team of consultants.* **Project Contractor. Participation in the preparation of the Technical Proposal. Support to the project team on spatial data analysis and processing issues.**

8. **01/2002-08/2002.** *Development of a Traffic Simulation Model for Kifisias Avenue in order to Assess Traffic Settlements during Olympic Games (Road Network Coding of the study area to be imported in the SATURN traffic simulation and assignment software. Control and adoption of model coding utilizing real traffic data. Origin Destination zones grouping and model verification. Model tests and sensitivity controls. Macroscopic and microscopic model control). Assigned by Ministry of*

environment and Public Works to SGI-TRADEMCO Ltd. **Participation in the preparation of the Technical Proposal. Team member. Data processing and Geographic database development for supporting traffic model simulation**

7. **06/2001-06/2002.** *Short term regulations study for the municipality of Faliro. Traffic and Parking Management using GIS and traffic model development (Traffic Study by utilizing transportation planning models and Geographic Information Systems).Assigned by municipality of Faliro to Diabasi G.P.* **Participation in the preparation of the Technical Proposal. Team member. Software development for questionnaire management. GIS development for mapping the proposed scenarios.**

6. **05/2001-08/2001.** *Feasibility study for the installation of Automatic Vehicle Location (AVL) system and User Information System in Athens Thermal Buses (Review and evaluation of similar systems application abroad. Survey performance as regards public acceptance of such systems. Review of similar systems affection to the operation and financial status of respective authorities abroad). Assigned by Athens Public Transport Authority to TRIAS S.A.* **Participation in the preparation of the technical proposal. Member of the project team. Software development for data processing and retrieval, Origin-Destination matrices production and traffic models feeding**

5. **05/2001-08/2001.** *Feasibility Study for Upgrading Kifisias Avenue to Urban Motorway (Traffic forecast performance by utilizing transportation planning model. Study of functional characteristics and usage costs. Estimation of impacts and benefits). Assigned by Ministry of Environment and Public Works to Trademco Ltd.* **Participation in the preparation of the technical proposal. Member of the project team. Responsible for data processing and the production of origin destination matrices for the purposes of simulation traffic model appliance**

4. **01/2001-06/2001.** *Public Transport Restructuring Study for the Municipality of Kalamaria. Traffic and Parking Management using GIS and traffic model development (Specification of the goals and aspirations from the municipality side regarding the operation of Public Transport. Public transport trips, routes and stops design based on the citizens, visitors and employees needs in the area of municipality of Kalamaria. Operation cost analysis for the proposed bus lines). Assigned by municipality of Kalamaria to Praxis S.A.* **Participation in the preparation of the technical proposal. Member of the project team. Software development for questionnaires storing and processing. Development of a GIS for the purposes of the proposed public transport scenarios**

3. **05/2000-09/2000.** *Development of a Traffic Data Collection and Traffic Counts Processing System for Egnatia Motorway (Review of international standards concerning traffic data collection and processing systems. System development study for Egnatia Motorway) Assigned by Egnatia Odos S.A. to SGI-TRADEMCO Ltd., and TRIAS S.A.* **Participation in the preparation of the technical proposal. Member of the project team and responsible for developing the central database design and integration with the Geographic Information System (Geomedia Intergraph) of Egnatia Odos S.A.**

2. **01/2000-12/2000.** *Telematics Applications for Traffic Management and Toll Collection in Egnatia Motorway (ITS master plan for Egnatia Motorway). Assigned by Egnatia Odos S.A. to DELCAN-DHV Joint-Venture supported by PLANNING S.A. and TRIAS S.A.* **Participation in the preparation of the technical proposal. Member of the project team responsible for Stage 1 with active participation in the study concerning the deployment of Road Weather Information Systems in Egnatia motorway. Responsible for preparing the progress reports and the Greek versions of the final deliverables.**

1. **06/1999-12/1999.** *Thessaloniki Underwater Tunnel (Development of a socio-economic feasibility study, also including the construction of 5 car-parking stations in the wider tunnel vicinity area. Analysis and estimation of foreseen construction and operation costs. Estimation and analysis of demand and expected revenues from Tunnel operation). Assigned by Ministry of Public Works to National Investment and Industrial Development Bank.* **Development of a Database for questionnaire management. Participation in the development of the socio-economic feasibility study. Software development for producing Origin-Destination matrices aiming to feed traffic models.**

6.3 Citations

SCOPUS: 14 publications found with 150 citations
https://www.scopus.com/authid/detail.uri?authorId=23004336600
GOOGLE SCHOLAR: 44 publications found with 300 citations
https://scholar.google.com/citations?user=hyJoY80AAAAJ&hl=el&authuser=1

6.4 Other Data

6.4.1 Reviewer
- Journal of Location Based Services, ISSN 1748-9733
- Transactions in GIS, ISSN 1467-9671
- ISPRS International Journal of Geo-Information, ISSN 2220-9964
- Computers and Geosciences, ISSN: 00983004
- International Journal of Digital Earth, ISSN: 17538955, 17538947
- IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, ISSN: 19391404
- International Journal of Geographical Information Science ISSN: 13658816
- International Journal of Geoinformatics, ISSN: 16866576
- Applied Acoustics, ISSN: 0003682X

6.4.2 Member of Scientific Committees
- *Editorial Board,* electronic journal ΧΩΡΟΓΡΑΦΙΕΣ, ISSN 1792-3913
- *Scientific Committee* 3rd International Conference, Water Across Time in Engineering Research - WATER 2016, June 23 to 25, 2016, Constantza, Romania
- *Organizing Committee* GEOMAPPLICA Workshops I "Uav & Drones Applications in the Greek space", March 31, 2017, Thessaloniki (http://geomapplica.prd.uth.gr/workshops/committee/)
- *Organizing Committee* GEOMAPPLICA Workshops II "Drones & UAVs: Scientific Applications & social impacts", September 30 – October 1, 2017, Piraeus (http://geomapplica.prd.uth.gr/workshops/committee2/
- *Scientific Committee* 4th International Conference, Water Across Time in Engineering Research - WATER 2018, June 21 to 23, 2018, Ovidius University of Constanta, Constantza, Romania (http://revista-constructii.univ-ovidius.ro/conferinte/index.php/committee)
- *Scientific Committee* 1st International Student Conference, Water for Sustainable Development - WSD 2018, June 21 to 23, 2018, Ovidius University of Constanta, Constantza, Romania (http://revista-constructii.univ-ovidius.ro/conferinte/index.php/committeewsd)
- *-Scientific Committee* Geomapplica 2018 International Conference on Geomatics Applications, 25 – 29 JUNE, 2018, Syros-Mykonos Islands, Greece

6.4.3 Member of Associations/Registries
- Computer and Informatics Scientists Association (EPY, ID: 2628)
- Hellenic Association of Geographic Information Systems (HellasGI, ID: 351)
- Registry of National Organisation for the Certification of Qualifications and Vocational Guidance (EOPPEP, ID: EB08237)
- Registry of Consultants - Ministry of Infrastructure, Transport and Networks (ID: 13814)
- Registry of Experts - Associates of Thessaloniki Public Transport Authority (Informatics Specialty)

6.4.4 Foreign Languages
English, Michigan Proficiency, Cambridge First Certificate

6.4.5 Scholarship
Research grant holder during Ph. D thesis performance from the Programme for Education and Initial Vocational Training, National Documentation Center, Measure 2.6, Research Committee of Aristotle University of Thessaloniki.

6.5 Elections - Dissertations

6.5.1 Member of Boards of Elections
- 2022, APP26899, Associate Professor, Main Member and Member of the advisory Committee
- 2022, APP28045, Associate Professor, Replacement Member
- 2022, APP25477, Professor, Replacement Member
- 2021, APP23194, Professor, Main Member and Member of the advisory Committee
- 2021, APP22928, Assistant Professor, Replacement Member
- 2021, APP19595, Assistant Professor, Replacement Member
- 2021, APP23215, Assistant Professor, Main Member
- 2018, APP4234, Associate Professor, Main Member
- 2018, APP4847, Assistant Professor, Main Member
- 2018, APP4235, Assistant Professor, Main Member
- 2017, APP2698, Associate Professor, Replacement Member
- 2016, APP440, Assistant Professor, Replacement Member
- 2016, APP436, Assistant Professor, Main Member

6.5.2 Doctoral Dissertations
12/2018-today: Spatiotemporal Databases and Location-based Services, Papadopoulos Theofilos, University of Macedonia, Department of Applied Informatics, Member of the Advisory Committee.

6.5.3 Graduate – Postgraduate Theses
- 6 post graduate theses (supervisor in 4)
- 74 graduate theses (supervisor in 25)