

PERSONAL INFORMATION


Leonidas Anthopoulos



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 <https://scholar.google.gr/citations?user=oh6zqcUAAAAJ&hl=el&oi=ao>  
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Sex Male | Date of birth 25/04/1974 | Nationality Greek

WORK EXPERIENCE

24 April '19 – present

Professor in e-Business and Strategy

Department of Business Administration, University of Thessaly, Greece (<https://ba.uth.gr>), Larissa, Greece

Duties:

1. Graduate and postgraduate module responsible and tutor regarding:

- a) e-business and Digital Marketing
- b) Innovation Management
- c) Strategic Management
- d) Research Methods
- e) Management Information Systems.

2. PhD supervisor of 5 PhD candidates.

3. Dissertations' supervisor both at graduate and postgraduate levels.

4. Administrative duties:

- a) **Department's Head (Sept. 2021-today)**
- b) **Director of the Smart Cities and Systems Research Institute of the University of Thessaly, Greece** (Feb. 2020 – present)
- c) **Director of the Postgraduate Program in Agile Management** (Nov. 2020 – present)

5) Research and development

- a) Publications' development
- b) Scientific coordinator of research projects.
- c) Member of research project teams.
- d) Research planning.
- e) Guest editor for journals and books.
- f) Associate editor of 2 scientific journals.

6) Research interests:

- a) smart cities
- b) e-Government
- c) project and strategic management

Since 2010 I'm a Faculty member of the Postgraduate Program in Engineering Management of the Hellenic Open University.

Business or sector Tertiary Education, University, Academic, R&D

**2013 - Present** Engaged with the International Telecommunications Union (ITU)

**03/2023-present: Vice-chairman and WG1 (General) chairman of the ITU Focus Group on Metaverse (FG-MV)**

**2022-present: Co-rapporteur ITU SG20 - Internet of things (IoT) and smart cities and communities (SC&C): Q7/20 (WP2/20) Evaluation and assessment of Smart Sustainable Cities and Communities** <https://www.itu.int/net4/ITU-T/lists/loqr.aspx?Group=20&Period=17> Editor of the following recommendation (<https://www.itu.int/net4/ITU-T/lists/editors.aspx?Group=20&Period=17>):

1. Y.FSPH Framework for smart public health emergency management in smart and sustainable cities (in progress)

**2021-present: Rapporteur ITU SG5 - Environment, climate change and circular economy Q13/5 Building circular and sustainable cities and communities** <https://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q13.aspx> Editor of the following recommendations ([https://www.itu.int/ITU-T/recommendations/index\\_sg.aspx?sg=5](https://www.itu.int/ITU-T/recommendations/index_sg.aspx?sg=5)):

1. L.1604: Development framework for bioeconomy in cities and communities
2. L.1610: City science application framework
3. L.1620: Guide to circular cities

**2022-present: Member of the Thematic Group “Digital Transformation for People-Centered Cities” (WG4) of the United for Smart Sustainable Cities working group (U4SSC).** Responsible for the following deliverables:

1. U4SSC (forthcoming) Contextual and gap analysis of the role of digital technologies to carbon net zero cities.
2. U4SSC (forthcoming) Methodology to assess city Net Zero progress.
3. U4SSC (forthcoming) Guidelines for city digital transformation to achieve in carbon net zero.

**2019-2022: Member of the Thematic Group “City Platforms” (WG2) of the United for Smart Sustainable Cities working group (U4SSC).** Responsible for the following deliverables:

1. U4SSC (forthcoming) Data and API requirements for centralized smart city platforms
2. U4SSC (forthcoming) Data and API requirements for decentralized smart city platforms
3. U4SSC (2022) Smart public health emergency management and ICT implementation.  
Available at: <https://www.itu.int/hub/publication/t-tut-smartcity-2021-39/>

**2019-2021: Co-rapporteur ITU SG20 - Internet of things (IoT) and smart cities and communities (SC&C): Q5/20 (WP2/20) Research and emerging technologies, terminology and definitions** (<https://www.itu.int/net4/ITU-T/lists/loqr.aspx?Group=20&Period=16>)

**2019-2022: Member of the Focus Group on Environmental Efficiency for Artificial Intelligence and other Emerging Technologies (FG-AI4EE) of the International Telecommunications Union (ITU)** (<https://www.itu.int/en/ITU-T/focusgroups/ai4ee/Pages/default.aspx>). Editor of the following deliverables:

1. ITU-T L.1317 (11/2021) Guidelines on energy efficient blockchain systems (<https://www.itu.int/ITU-T/recommendations/rec.aspx?rec=14718>)
2. D.WG2-3 Requirements on energy efficiency measurement models and the role of AI and big data (<https://www.itu.int/en/ITU-T/focusgroups/ai4ee/Documents/T-FG-AI4EE-2021-D.WG2.03-PDF-E.pdf>)

**2013-2015: Member of the Focus Group on Smart Sustainable Cities** of the International Telecommunications Union (ITU). Editor of the following deliverable:

1. Setting the framework for an ICT architecture of a smart sustainable city ([https://www.itu.int/en/ITU-T/focusgroups/ssc/Documents/website/web-fg-ssc-0345-r5-ssc\\_architecture.docx](https://www.itu.int/en/ITU-T/focusgroups/ssc/Documents/website/web-fg-ssc-0345-r5-ssc_architecture.docx))

18 Oct. '16 – 5 Sept. '19

**Mayor's Special Advisor, the City of Trikala, Greece**

My duties concerned research, development and Mayor's consulting with regard to e-Government, smart cities and project management. **I was the architect and project manager of the smart city of Trikala (smart Trikala).**

8 Oct. '14 – 23 April '19

**Associate Professor in e-Business and Strategy**University of Thessaly, Greece (<http://www.uth.gr>) , Larissa, Greece

Duties:

1. Graduate and postgraduate module responsible and tutor regarding:
  - a) e-business, e-Government and strategic management.
  - b) Innovation Management
  - c) Engineering management.
  - d) Contract and procurement management.
  - e) Management and Project Management Information Systems.
2. Dissertations' supervisor both at graduate and postgraduate levels.
3. Administrative duties:
  - d) **Director of the Postgraduate Program in Project and Program Management** (Oct. 2015 – Dec. 2021)
  - e) Head of postgraduate program's Quality Management.
  - f) Head of postgraduate selection procedures.
  - g) Head of graduate internship program.
  - h) Head of graduate marketing campaigns.
  - i) Web master.
- 4) Research and development
  - a) Publications' development
  - b) Scientific coordinator of research projects.
  - c) Member of research project teams.
  - d) Research planning.
  - e) Guest editor for journals and books.
  - f) Associate editor of a scientific journal.
- 5) Research interests:
  - a) smart cities
  - b) e-Government
  - c) Enterprise Architecture
  - d) engineering management
  - e) project and strategic management

**Business or sector** Tertiary Education, University, Academic, R&D

16 Jul '09 – 8 Oct. '14

**Assistant Professor in Project Management**Department of Business Administration, School of Business and Economics, University of Applied Science (TEI) of Thessaly, Greece (<http://de.teithessaly.gr>)

Larissa (Greece)

**Business or sector** Tertiary Education, University, Academic, R&D

14 Feb '05 - 16 Jul '09

**Expert Counsellor in e-Government and Digital Diplomacy**Hellenic Ministry of Foreign Affairs (<http://www.mfa.gr>)

1. Head of digital public diplomacy unit of the Information Service of the Greek Foreign Ministry.
2. Strategic Planning regarding Greek Foreign Ministry's public diplomacy.
3. Project planning and management: 7 projects of a total budget of €9 million were designed regarding e-Government, Digital Public Diplomacy and Research and Development.
4. Project procurement and contracting.
5. Communications' management.
6. Web applications' development.
7. Ministry's webmaster.

**Business or sector** Central Government, Foreign Affairs, Management, R&D, Communications, e-Government, digital diplomacy, computer science

1 Aug '03 - 30 Nov '05

**Scientific Coordinator - Smart City of Trikala, Greece**

Municipality of Trikala, Trikala (Greece) (<http://www.e-trikala.gr>)

1. Strategic planning and management regarding a Smart City in the area of Trikala, Greece.
2. Project planning and management regarding the Smart City: 14 projects, of a total budget of €5 million funded by the Greek Information Society were planned and developed.
3. Project procurement.
4. Project stakeholders' management.

**Business or sector** Local Government, IT Project Management, Strategic Management, e-Government

1 Sep '02 - 1 Sep '04

### IT Project Manager

Information Society S.A. (Greece) (<http://www.ktpae.gr>)

1. Project manager of complex large-scale e-Government projects.
2. Project planning of e-Government projects on behalf of the Greek Government.
3. Project communications management.
4. Project procurement and contract management.
5. Project stakeholders' management

**Business or sector** Central Government, IT Project Management, e-Government

31 Aug '00 - 14 Feb '05

### Computer science teacher

Greek Ministry of Education (Greece)

1. Teaching computer science to lyceum students.
2. Software development for particular needs of the Administration.
3. Administration duties regarding human resource management.
4. e-assessment application development.

**Business or sector** Central Government, Higher Education

26 Jul '96 - 1 Feb '00

### Communications Officer

Research Committee, Aristotle University of Thessaloniki (Greece) ([www.rc.auth.gr](http://www.rc.auth.gr))

1. Communications' responsible and manager for the academic community of the Aristotle University, with regard to research funding opportunities.
2. Web developer and webmaster of the liaison office of the Research Committee.
3. Campaign developer of the liaison office of the Research Committee.
4. Knowledge management and information retrieval.

**Business or sector** Tertiary Education, University, Communications, Research

## EDUCATION AND TRAINING

1 Jan 00 - 10 Oct 05

### PhD entitled "Collaboration Environments in e-Government"

EQF level 8

Department of Informatics, Aristotle University of Thessaloniki, Thessaloniki (Greece)

e-Government, smart cities, collaboration software applications, information systems, e-service management

(<http://www.didaktorika.gr/eadd/handle/10442/14861>)

1 Sep 92 - 26 Jul 96

### Diploma in Computer Science

EQF level 6

Department of Informatics, Aristotle University of Thessaloniki, Thessaloniki (Greece)  
 Informatics,  
 Algorithms,  
 Software Programming,  
 Software engineering,  
 Databases,  
 Security,  
 Advanced Mathematics etc.

- 1 Sep 89 - 26 Jun 92

**High School Diploma**

3rd Lyceum of Trikala, Trikala (Greece)

General lyceum studies (Mathematics, Physics, justification, etc.)

EQF level 4
- 27 Jun. 10 - 01 Jul 10

**SAP ERP Basics**

Certification by SAP. Lectures performed at TEI of Thessaly, Greece
- 1 Nov 13 - 26 Nov 13

**Developing Software using Design Thinking**

Certification by SAP

Distance Learning, Online collaboration with a 4-member team group (openSAP).
- Jan. 2015

**Certified educator for Vocational Training Educators**

Written and Oral Examinations

National Accreditation Center of Vocational Training (EOPPEP), Athens, Greece

**PERSONAL SKILLS**

Mother tongue(s) Greek

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
EdExcel Level 5					
German	A2	A2	A2	A2	A1
Compulsory module during my graduate studies					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
 Common European Framework of Reference for Languages

**Communication skills**

- Excellent communications skills, gained from my more than 16year professional and academic experience, documented in an extensive number of manuscripts, presentations, projects, vocational training programs and agreements that I have performed.
- I've undertaken crucial communication duties during my career at the Greek Foreign Ministry and at the Research Committee of the Aristotle University of Thessaloniki.
- I'm a tutor of graduate and postgraduate modules.
- I've supervised numerous dissertations as well as various project teams.

## Organisational / managerial skills

- I'm extremely self-organized, in order to perform my academic and research duties. Moreover, I've supervised various project teams during my career, while I often follow project-based teaching methodology in order to engage my students.
- I'm and I've been a head of crucial administrative units for both my Academic Department and of a strategic communications unit of my country's Foreign Ministry.
- I'm an expert in project management, I've been a strategic and project coordinator and I've supervised several professional teams.
- I'm experienced with project management tools (i.e., MS Project and Primavera) and methods and standards (ICB and PMBOK), while I've supervised the Quality Assurance system for my department's postgraduate programs.

Job-related skills

- I've been an Academic and Researcher in your respective field since July 2009 and an active Researcher since 2000 mainly in the domains of e-Government management and Smart City.
- I've been a software engineer and web developer since 1996 and I've developed a quite efficient web project portfolio.
- I hold a PhD in e-Government and Smart Cities; I've planned and managed various projects on behalf of various organizations in this domain; I've managed change and migration to e-Government environment.
- I've been an ICT project and program management for the Information Society S.A. and for the Smart City of Trikala for more than 5 years.
- I hold extensive professional and academic experience in information technology, IT management,, web technologies, e-Government and social media. The projects that I have managed are the following:

Type	Title	Budget
R&D	Smart Cities as hubs: defining a system for city flows' management. Hellenic Foundation for Research and Innovation	€143.550
R&D	TyB-Train your Brain	€16.891
R&D	Role Of Collective Bargaining In Shaping Work-Life Balance In Public Service Sector – Challenges And Perspectives: scientific coordinator.	€40.000
R&D	Career cOnsulting and Mentoring skills caPAcity building for youth workerS working with NEETS (COMPASS): scientific coordinator	€50.000
Development	Intelligent Cities Challenge: the city of Trikala, Greece, core member. Project Manager in leading Strategic Planning for City's Digital Transformation,	N/A
Development	Smart DevOps – DevOps Competencies for Smart Cities: member of the project team	€250.000
R&D	Smart City of Trikala: several small-scale pilot projects, which have been negotiated and determined with IT private companies (project manager, under development)	€100.000
R&D	Digital Entrepreneurship Skills to Combat Unemployment among Higher Education Graduates and to Enhance Industrial Efficiency (IDEES), submitted under LLP ToI (Scientific Coordinator and project manager) March 2018)	€320.000
Coordination	InSmart (Integrative Smart City Planning) (Project manager on behalf of the city of Trikala, Jan. 2015 – March 2017, completed)	€150.000
Research	EADIC – Enterprise Architecture for Digital Cities (Scientific Coordinator and project manager, Jan. 2012 – Nov. 2015, Completed)	€ 89.700
Research	SMEs - Research in Software PROcess Improvement Methodologies for Greek Small & Medium sized Software Development Enterprises (SMEs) (project team member, Jan. 2012 – Nov. 2015, Completed)	€90.000
Research	knowledge management for software project management using ontologies and social networks (ONSOCIAL) (Jan. 2012 – Nov. 2015, Completed)	€90.000
Training	Mycoticon: MYCOTa Intereuropean Cooper tion Network (Completed)	€300.000
Training	Enhancing professional skills on negotiation and on crisis management (scientific coordinator, project manager) (not granted, March 2010)	€400.000
Development	Various development projects for SMEs in the State of Thessaly, Greece (project manager, Jan. 2008 – Aug. 2012, completed)	10 projects, each with more than €100.000 budget
Development	The official website of the Greek Ministry of Foreign Affairs, information system development (project manager, Feb. 2005 – Feb. 2006, completed)	€100.000
R&D	Digital City of Trikala (scientific coordinator, project manager, Aug. 2003 – Nov. 2005, completed)	15 projects of more than €5 million

- I was the head of Digital Public Diplomacy unit of the Greek Foreign Ministry.
- I've participated for my country's information society strategic and project planning and management, while I've prepared, managed, procured and contracted several complex relative projects for the Greek public administration.
- I've been a scientific consultant of two Greek Members of the European Parliament offering my expertise in social media strategic marketing, information technology and web technologies from 2009 to 2013.

- Computer skills**    Advanced level regarding:
1. Software engineering (ASP.net, C, C++, Java etc.) and web development.
  2. Digital marketing and open data skills
  3. SQL Server
  4. Microsoft office tools (Word, Excel, PowerPoint, Access, etc. both programming and authoring)
  5. MS Project and Primavera P6
  6. Multimedia development (Adobe After Effects, Adobe Flash, Photoshop etc.)
  7. Windows Operating Systems (desktop and server editions, up to version 10)
  8. Fluent and tutor in SAP ERP and Oracle RDBMS.

**Driving licence**    ▪ B

ADDITIONAL INFORMATION

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## Publications

**A) Journal Articles**

1. Ziozias, C., Kontogianni, E. and Anthopoulos, L. (2023). Carbon Neutral City Transformation with Digitization: Guidelines from International Standardization. *Energies*, 16, 5814. <https://doi.org/10.3390/en16155814>
2. Nikolaou, N. and Anthopoulos, L. (2023). Multi-Tenancy and Observability in Smart City Platforms. *ACM Digital Government: Research and Practice (DGov)*, vol. 4(3), pp. 1-8, <http://dx.doi.org/10.1145/3597615>.
3. Anthopoulos, L. and Janssen, M. (2022). Business Model Canvas for BOLD in Smart and Circular Cities. *IEEE Computer*, 55, pp. 119-133, DOI: 10.1109/MC.2022.3194634.
4. Zeenat, R. and Anthopoulos, L. (2022). A Deep Learning-based Air Quality Prediction Technique using Influencing Pollutants of Neighboring Locations in Smart City. *Journal of Universal Computer Science (JUICS)*, 28(8), pp. 799-826, doi: 10.3897/jucs.78884.
5. Anthopoulos, L., Pourzolfaghar, Z., Röding, K., Siebenlist, T., Niehaves, B. and Nikolaou, I. (2022). Smart Cities as hubs: connect, collect and control city flows. *Cities*, 125, <https://doi.org/10.1016/j.cities.2022.103660>
6. Anthopoulos, L. and Kazantzi, V. (2021). Urban Energy Efficiency assessment models from an AI and big data perspective: tools for policy makers. *Sustainable Cities and Society*, 76, <https://doi.org/10.1016/j.scs.2021.103492>
7. Anthopoulos, L. and Tzimos, D. (2021). Carpooling platforms as smart city projects: A bibliometric analysis and systematic literature review. *Sustainability*, 2021, 13, 10680. <https://doi.org/10.3390/su131910680>.
8. Anthopoulos, L. and Kolovou, P. (2021). A multi-criteria decision process for EV charging stations' deployment: findings from Greece. *Energies*, DOI: 10.3390/en14175441.
9. Anthopoulos, L., Sirakoulis, K. and Reddick Ch. (2021). Conceptualizing Smart Government: Interrelations and Reciprocities with Smart City. *ACM Digital Government: Research and Practice (DGov)*, <http://dx.doi.org/10.1145/3465061> (<https://dl.acm.org/doi/fullHtml/10.1145/3465061>)
10. Moustaka, V., Vakali, A., Kounoudes, A. and Anthopoulos, L. (2021). Urban data dynamics: a systematic benchmarking framework to integrate crowdsourcing and smart cities standardization. *Sustainability*, 13(15), 8553; <https://doi.org/10.3390/su13158553>.
11. Karadimos, P. and Anthopoulos, L. (2021). Neural Network Models for Actual Cost and Actual Duration Estimation in Construction Projects: Findings from Greece. *International Journal of Structural and Construction Engineering*, Vol. 15, No. 5, pp. 250-261
12. Tsoutsas, P., Fitsilis, P., Anthopoulos, L. and Ragos, O. (2020). Nexus Services in Smart City Ecosystems. *Journal of the Knowledge Economy*, <https://doi.org/10.1007/s13132-020-00635-3>
13. Moustaka, V., Theodosiou, Z., Vakali, A., Kounoudes, A. and Anthopoulos, L. (2019). Enhancing Social Networking in Smart Cities: Privacy and Security Borderlines. *Technological Forecasting & Social Change*, 142, pp. 285-300.
14. Moustaka, V., Vakali, A. and Anthopoulos, L. (2018). A Systematic Review for Smart City Data Analytics. *ACM Computing Surveys*, 51(5), DOI: 10.1145/3239566.
15. Anthopoulos, L. (2017). Smart Utopia VS Smart Reality: Learning by Experience from 10 Smart City Cases. *Cities*, 63, pp. 128-148, DOI: <http://dx.doi.org/10.1016/j.cities.2016.10.005>.
16. Anthopoulos, L. and Giannakidis, G. (2017). Policy Making in Smart Cities: Standardizing City's Energy Efficiency with Task-Based Modelling. *Journal of ICT Standardization*, 4(2), pp. 111-146, doi: 10.13052/jicts2245-800X.422.
17. Anthopoulos, L., Janssen, M. and Weerakkody, V. (2016) A Unified Smart City Model (USCM) for smart city Conceptualization and Benchmarking. *International Journal of e-Government Research (IJEGR)*, 12(2), pp. 76-92.
18. Anthopoulos, L., Fitsilis, P. and Ziozias, C. (2016). What is the Source of Smart City Value? A Business Model Analysis. *International Journal of e-Government Research (IJEGR)*, 12(2), pp. 55-75.
19. Anthopoulos, L. (2016). A Flood Wave Disaster Recovery Model for Under Construction Dam Projects: Findings from Greece. *International Journal of Risk Assessment and Management (IJRAM)*, 19(3), pp. 240-255.
20. Anthopoulos, L., Reddick, Ch., Mavridis, N. and Giannakidou, I (2016). Why E-Government Projects Fail? An Analysis of the Healthcare.gov Website. *Government Information Quarterly*, 33, pp. 161-173, doi:10.1016/j.giq.2015.07.003.
21. Giatsoglou, M., Chatzakou, D., Gkatziki, V., Vakali, A. and Anthopoulos, L. (2016). CityPulse: A Platform Prototype for Smart City Social Data Mining. *Journal of the Knowledge Economy (JKEC)*, 7(2), pp. 344-372 DOI: 10.1007/s13132-016-0370-z
22. Anthopoulos, L. and Reddick, Ch. (2015). Understanding electronic government research and smart city. *Information Polity*, vol. 21, no. 1, pp. 99-117. DOI: 10.3233/IP-150371
23. Tsolakis N., and Anthopoulos, L. (2015). Ecocities: An Integrated System Dynamics Framework and a Concise Research Taxonomy. *Sustainable Cities and Society*, 17, pp. 1-14.
24. Anthopoulos, L. and Syrakoulis, K. (2015). E-Government Portal Updates' Evaluation: a Comparative Analysis. *International Journal of Public Administration in the Digital Age (IJPADA)*, 2(2), pp. 56-76.
25. Anthopoulos, L. and Siozos, P. (2015) "Can IT Innovation become a tool against Fiscal Crisis? Findings from Europe". *International Journal of Public Administration in the Digital Age (IJPADA)*, 2(1), pp. 39-55.
26. Bellos, CV., Petroutsatou, K. and Anthopoulos, L. (2015). Electronic building permission system: The case of Greece. *Procedia Engineering*, 123, pp. 50 - 58.
27. Reddick, Ch., and Anthopoulos, L. (2014) "Interactions with E-Government, New Digital Media, and Traditional Channel Choices: Citizen-Initiated Factors". *Transforming Government: People, Process and Policy*, 8(3), pp. 398 – 419.

28. Anthopoulos, L. and Fitsilis, P. (2014) "Trends in e-Strategic Management: How do Governments Transform their Policies?" *International Journal of Public Administration in the Digital Age (IJPADA)*, 1(1), pp. 15-38.
29. Fitsilis, P., Gerogiannis, V., and Anthopoulos, L. (2014). *Ontologies for Software Project Management: A review*. *Journal of Software Engineering and Applications* [online], 7(13), pp. 1096-1110, Dec, 2014.
30. Fitsilis, P., Gerogiannis, V., and Anthopoulos, L. (2014). *Ontologies for Project Management*. Accepted for publication by *IJIPM: International Journal of Information Processing and Management* [open access], Sept. 19, 2014.
31. Anthopoulos, L. and Fitsilis, P. (2014) "Smart Cities and their Roles in City Competition: a Classification". *International Journal of Electronic Government Research (IJEGR)*, 10 (1), pp. 67-81.
32. Anthopoulos, L., Ipsilantis, P., Kazantzi, V. (2014). *The Project Management Perspective for a Digital City*. *International Journal of Information Technology Project Management (IJITPM)*, vol. 5(1), pp. 45-62.
33. Karagiannis, S., Anthopoulos, L., Aspridis, G., Sdrolias, L., and Polykarpidis, A. (2014). *Green Urban Space Utilization for Mild ICT-Based Touristic Activities: The Case of Pafsilip1o Park in Greece*. *Journal of Environmental and Tourism Analyses*, Vol. 2. 1 (2014) 83 - 96
34. Anthopoulos, L. and Fitsilis P. (2013) *Using Classification and Roadmapping Techniques for Smart City viability's realization*. *Electronic Journal of e-Government*, 11(1), pp. 326-336, ISSN1479-439X
35. Fitsilis, P., Gerogiannis, V. and Anthopoulos, L. (2013) *The role of UML in software development in Greece - Results from an exploratory study*. *The Journal of Engineering (IET)*, October 2013, pp.1-11 (<http://digital-library.theiet.org/>)
36. Anthopoulos, L. G., Kostavara, E. and Pantouvakis, J.P. (2013) *An Effective Disaster Recovery Model for Construction Projects*. *Procedia - Social and Behavioural Sciences Journal*, 74, pp. 221-230, 2013, Elsevier (<http://www.journals.elsevier.com/procedia-social-and-behavioral-sciences>).
37. Anthopoulos L., Gerogiannis, V., Fitsilis, P. (2010) "Enterprise Architecture for e-Strategy Standardization and Management: Lessons Learnt from Greece". Selected paper of the *International Journal for Digital Society (IJDS)*, Volume 1, Issue 4, ISSN: 2040 2570 (Online), <http://www.infonomics-society.org/IJDS/Home.htm>.
38. Anthopoulos, L., Siozos, P., Tsoukalas, I.A. (2007) "Applying Participatory Design and Collaboration in Digital Public Services for discovering and re-designing e-Government services". *Government Information Quarterly*, 24(2), pp. 353-376.
39. Anthopoulos, L. and Tsoukalas, I.A. (2006). *The implementation model of a Digital City. The case study of the first Digital City in Greece: e-Trikala*. *Journal of e-Government*, 2(2), pp. 91-109.
40. Anthopoulos, L., Siozos, P., Nanopoulos, A. and Tsoukalas, I. A. (2006). *The Bottom-up Design of e-Government. Development Methodology based on a Collaboration Environment*. *e-Service Journal*, 4(3), pp. 3-24.

**B) Books**

1. Anthopoulos, L. and Shwayri, S. (2021). *Smart Public Health Emergency Management and ICT Implementations*. United for Smart and Sustainable Cities (U4SSC). Geneva, Switzerland. ISBN: 978-92-61-35171-7 Retrieved, Dec. 2021 from [https://www.itu.int/dms\\_pub/itu-t/opb/tut/T-TUT-SMARTCITY-2021-39-PDF-E.pdf](https://www.itu.int/dms_pub/itu-t/opb/tut/T-TUT-SMARTCITY-2021-39-PDF-E.pdf)
2. Anthopoulos, L. (Ed), (2019). *Smart City Emergence: Cases From Around the World*. Transportation and Smart Cities book series, Elsevier: New York. ISBN: 9780128161692 (<https://www.elsevier.com/books/smart-city-emergence/anthopoulos/978-0-12-816169-2>)
3. Anthopoulos, L. (2017). *Understanding Smart Cities - A tool for Smart Government or an Industrial Trick?* Public Administration and Information Technology, Vol. 22, Springer Science+Business Media New York, ISBN: 978-3-319-57014-3 (Print) 978-3-319-57015-0 (Online) (<https://link.springer.com/book/10.1007%2F978-3-319-57015-0>).
4. *Beyond Bureaucracy: Towards Sustainable Governance Informatisation* (2016). Paulin, A., Anthopoulos, L. and Reddick, Ch. (Eds), Public Administration and Information Technology Series, Springer Science+Business Media New York.
5. *Information and Communication Technologies in Public Administration: Innovations from Developed Countries* (2015). Anthopoulos L. and Ch. Reddick (Eds). CRC Press, Taylor & Francis Group, ISBN: 9781482239294.
6. *Government e-Strategic Planning and Management: Practices, patterns and roadmaps* (2014). Anthopoulos L. and Ch. Reddick (Eds) Public Administration and Information Technology Series, Vol. 3, Springer Science+Business Media New York, DOI: 10.1007/978-1-4614-8462-2\_12.

**C) Journal Special Issue Editing**

1. **2014:** International Journal of Public Administration in the Digital Age (IJPADA), Volume 1, Issue 3. Special issue on "e-Government Project Management". Guest Editor.
2. **2015:** International Journal of Public Administration in the Digital Age (IJPADA), Volume 2, Issue 2. Special Issue on "e-Government Efficiency and Return of Investment". Guest Editor.
3. **2017:** International Journal of Public Administration in the Digital Age (IJPADA), Volume 4, Issue 2. Special issue on "Reaching Beyond Bureaus: Perspectives and Challenges of Sustainable, Non-Bureaucratic Government". Guest co-editor.
4. **2016:** International Journal of Electronic Government Research (IJEGR), Vol. 12, Issue 2, Special Issue on Smart Cities in Practice: Value Sources, Applications and Functionalities with selected articles from the AW4City 2015 Workshop in Conjunction with the WWW2015 24<sup>th</sup> ACM conference.
5. **2016:** Journal of Knowledge Economy, Vol. 6, Issue 2, June 2016 (ISSN: 1868-7865 (Print) 1868-7873 (Online)) with selected articles from the AW4City 2015 and invited ones
6. **2018:** International Journal of Electronic Government Research (IJEGR), vol. 14, issue 4. Special Issue on Smart Cities in Practice: Value Sources, Applications and Functionalities. Selected papers from AW4City 2018 Workshop, in conjunction with The Web Conference 2018, Lyon, France.
7. **2023:** ACM Digital Government: Research and Practice - Special Issue on Citizen Centricity in Smart Cities, ([https://dl.acm.org/pb-assets/WWW2022-Special-issue-ACM\\_v6-1655906017827.pdf](https://dl.acm.org/pb-assets/WWW2022-Special-issue-ACM_v6-1655906017827.pdf))

**D) Book Chapters**

1. Anthopoulos, L. and Buhalis, D. (2021). Smart city. In Buhalis, D. (Ed) *The Encyclopedia of Tourism Management and Marketing*. Edward Elgar Publishing Limited. <https://doi.org/10.1145/3543873.3587582>
2. Anthopoulos, L. (2019). The smart city of Trikala. In Anthopoulos, L. (Ed) *Smart City Emergence: Cases From Around the World*. Transportation and Smart Cities book series, Elsevier: New York.
3. Anthopoulos, L. (2015). Understanding the smart city Domain: A Literature Review. In Bolivar M.P. (Ed) *Transforming City Governments for successful Smart Cities*. Public Administration and Information Technology Series, Vol. 5, Springer Science+Business Media New York. ISBN: 978-1-4614-9982-4
4. Anthopoulos, L., Reddick, C.G., Giannakidiou, I., and Mavridis, N. (2015). E-Government as an Innovative Product: Theories and Case Study. In Anthopoulos, L. and Reddick, C.G. (Eds) *Information and Communication Technologies in Public Administration: Innovations from Developed Countries*, CRC Press, Taylor & Francis Group, ISBN: 9781482239294.
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6. Anthopoulos, L. and Blanas, N. (2014) "Evaluation Methods for e-Strategic Transformation". In Anthopoulos, L. and Reddick, Ch. (Eds) *Public Administration and Information Technology Series*, Vol. 3, Springer Science+Business Media New York, DOI: 10.1007/978-1-4614-8462-2\_12.
7. Anthopoulos, L. (2014) "20 years and keep going: can e-Government efficiency be questioned?". Foreword in Bolivar M.P. (Ed) *Measuring E-government Efficiency*, Public Administration and Information Technology Series, vol. 5, ISBN 978-1-4614-9982-4, Springer. ISBN: 978-1-4614-9982-4
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11. Kazantzi, V. Gerogiannis, V. Anthopoulos, L. (2012). "Multi-Criteria Decision Making for Supplier Selection in Biomass Supply Networks for Bioenergy Production". In Folinas D. (Ed) "Outsourcing Management for Supply Chain Operations and Logistics Service", pp. 313-343, IGI Global (ISBN: 9781466620087)
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16. Anthopoulos, L., (2011). "An Investigative Assessment of the Role of Enterprise Architecture in Realizing E-Government Transformation". In Saha Pallab (Ed.) *Enterprise Architecture and Connected E-Government: Practices and Innovations*, IGI Global, ISBN: 978-1-4666-1824-4.
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#### E) Conference Proceedings

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3. Nikolaou, I. and Anthopoulos, L. (2022). The emergence of multi-tenancy. In the *Companion Volume of The Web Conference 2022* (31st World Wide Web International Conference (WWW2022)), April 25-29, 2022, Lyon, France.
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14. Anthopoulos, L. (2017). A standardized smart city: the case of Trikala. One of the selected cases of the European 2016 campaign, in the proceedings of the 9th European Quality Conference (9QC) 15 and 16 May 2017, Malta.
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27. Kakarontzas, G., Anthopoulos, L., Chatzakou, D. and Vakali, A. (2014) "A CONCEPTUAL ENTERPRISE ARCHITECTURE FRAMEWORK FOR SMART CITIES A Survey Based Approach". In the Proceedings of the ICE-B 2014 - International Conference on e-Business is part of the 11th International Joint Conference on e-Business and Telecommunications, Vienna, Austria; 28-30 August, 2014, SCITEPRESS.
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30. Vakali, A., Anthopoulos, L. and Srdjan, K. (2014). ). Smart Cities Data Streams Integration: experimenting with Internet of Things and social data flows. In the Proceedings of WIMS '14 Proceedings of the 4th International Conference on Web Intelligence, Mining and Semantics (WIMS14)
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42. Fitsilis, P., Gerogiannis, V., Anthopoulos, L. (2010). "Supporting the Requirements Prioritization Process Using Social Network Analysis Techniques". In the Proceedings of the WETICE-2010 International Conference, co-sponsored by IEEE, TEI of Larissa, Greece, June 28-30, 2010.
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45. Gerogiannis, V., Fitsilis, P., Anthopoulos, L. (2010) "A COMBINED QFD-CMMI BASED APPROACH FOR THE ASSESSMENT OF STUDENT SEPM PROJECTS". In the Proceedings of the PM-05 Conference: Advancing Project Management for the 21st Century, 29-31 May 2010, Heraklion, Crete, Greece (<http://2010.pmgreece.gr>).
46. Anthopoulos, L., Fitsilis, P. (2010) "From Digital to Ubiquitous Cities: Defining a Common Architecture for Urban Development". In the Reports of the workshop "Wireless-Cities", of the Hawaii International Conference on System Sciences (HICSS-43), IEEE.
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52. Anthopoulos, L., Siozos, P. (2006) "Empowering Digital Citizen: Prevention and Safety in a Digital City". In the Proceedings of the International Conference "Safe Internet usage for children", September 21-22, 2006, Thessaloniki, Greece (Safenet Home, <http://www.safernet.gr>).
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56. Anthopoulos, L., Manos A. (2005) "e-Government beyond e-administration. The evolution of municipal area environments could establish a digital framework of confidence for citizens". In the proceedings of The 5th European Conference on e-Government, University of Antwerp, Belgium, 16-17 June 2005 (Academic Conferences International <http://www.academic-conferences.org/eceg2005/eceg2005-call-papers.htm>).
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58. Anthopoulos L. (2004). "A Human based data network supporting e-Government systems". 14th World Congress on Information Technology (WCIT 2004, a WITSA event) - Dertouzou Awards Finalists, book of abstracts, 18-21 of May 2004, Athens, Greece.
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#### Other Publications

- Anthopoulos, L. (2023). Exploring the metaverse: opportunities and challenges. *International Telecommunications Union (ITU), Focus Group on Metaverse, Technical Report*, ITU: Geneva. Retrieved, Sept. 2023 from <https://www.itu.int/pub/T-FG-MV-2023>
- Anthopoulos, L. and Shwayri, S. (2021). *Smart Public Health Emergency Management and ICT Implementations*. United for Smart and Sustainable Cities (U4SSC). Retrieved, Dec. 2021 from <https://www.itu.int/en/publications/Documents/tsb/2021-U4SSC-Smart-public-health-emergency-management-and-ICT-implementations/index.html#p=4>
- Anthopoulos, L. (2021). ITU ITU-T L Suppl. 46: Definitions and recent trends in circular cities (<https://www.itu.int/ITU-T/recommendations/rec.aspx?rec=14884>)
- Anthopoulos, L. (2021). ITU L.Sup41 : Requirements on energy efficiency measurement models and the role of artificial intelligence and big data (<https://www.itu.int/rec/T-REC-L.Sup41-202105-I>)
- Anthopoulos, L. and Nikolaou, ITU Y. (2021). ITU L.1317 : Guidelines on energy efficient blockchain systems (<https://www.itu.int/rec/T-REC-L.1317-202111-I>)
- Leonidas G. Anthopoulos · Paolo Gemma · Ramy Ahmed Fathy · Ziqin Sang (2015): INTERNATIONAL TELECOMMUNICATION UNION, FOCUS GROUP ON SMART SUSTAINABLE CITIES: Technical Specifications on "Setting the framework for an ICT architecture of a smart sustainable city"
- Anthopoulos, L. (2012) "Business Plan for a mobile software development company". Research and Innovation Unit, TEI of Larissa, Greece.
- Anthopoulos, L. (2005) "The Evolution of the Digital City into a Global e-Government Environment. The case of the first Digital City in Greece: e-Trikala". Published in the following printed issues of magazines:
- "eGov: the Bimonthly Magazine on e-Governance" (Centre for Science, Development and Media Studies (CSDMS), India), July 2005 (www.egov.csdms.in)
- "Kommune21: magazine covering e-government and information technology in the German public sector", August 2005 (www.kommune21.de)
- Tsoukalas, I., Anthopoulos, L. (2004). E-Government: A Greek Perspective. "New challenges for the public executives in e-Government systems". *Government Technology International*. June 2004 (<http://www.govtech.com/gt/90612>).
- Tsoukalas, I., Anthopoulos, L. (2004). "Moving towards the e-city" - How local communities can transform to local information societies. A best practice in Greece. *Government Technology*, Nov. 18, 2004. (available at <https://www.govtech.com/gt/92186>)
- Anthopoulos, L. (2005). "E-Trikala: The First Greek Digital City". Electronic publication in *Government Technology*, March 2005 and in *Public CIO* March 2005 (available at: <http://www.govtech.com/gt/93395?topic=117677>). It has been re-printed and disseminated by the U.S. General Service Administration (GSA) (March 2006).
- Municipality of Trikala, Greece: Business Plan for the Greek Information Society Framework Program (August 2004).
- Project Plans and Research Analysis for 12 projects related with the e-Trikala Project (the First Digital City in Greece).
- Survey related to efficiency of the electronic assessment in Greek Secondary Education. Questionnaires submitted and filled in by all secondary schools (41) in the area of Trikala, Greece. Results are published on <http://6lyk-trikal.tri.sch.gr>, <http://dide.tri.sch.gr> and are related to an e-Assessment application, developed by Leonidas Anthopoulos and presented on the 2nd Panhellenic Conference in Educational Information Systems. February 20-22, 2004, University of Macedonia, Thessaloniki, Greece.
- Survey related to the understanding, confidence and diffusion of e-Government applications in Greek Public Administration. The survey, based on questionnaires, was executed in the Administration of Secondary Education of Trikala Greece (50 public executives, 1200 teachers, considered as citizens) and in the Municipality of Trikala, Greece (200 civil servants).



## Committees

- **March 2023 – March 2024: vice-chairman ITU Focus Group on Metaverse;** Work Group 1 Chair “General” <https://www.itu.int/en/ITU-T/focusgroups/mv/Pages/default.aspx> .
- Associate Editor of the IET Smart Cities
- Associate Editor of the International Journal of Public Administration in the Digital Age (IJPADA), IGI Global ([www.igi-global.com/IJPADA](http://www.igi-global.com/IJPADA))
- Guest Editor of the Journal of Knowledge Economy (JKEC) (Springer) (<http://www.springer.com/economics/policy/journal/13132>)
- Permanent member of the Editorial Review Board of the International Journal of Electronic Government Research (IJEGR) ([www.igi-global.com/ije-gr](http://www.igi-global.com/ije-gr))
- **National Head and Representative of Greek Standards Institute (ELOT)** regarding Smart Cities at CEN-CENELEC European Standards Institute.
- **Member of the Regional Committee for Research and Innovation (PSEK) of the Region of Central Greece** (Sterea Ellada)
- **Member of the Reviewing Committees** of the *Government Information Quarterly*, *City, Cities, Sensors, Information Systems* journals (Elsevier) and *Computing Surveys* journal (ACM), *Transforming Government: People, Process and Policy* (Emerald), *Journal of e-Government*, Academic Conferences
- **Member of the Program Committee (PC)** of the 4<sup>th</sup> international conference “Digital Transformation & Global Society” (DTGS 2019), June 19 - 21, 2019 St. Petersburg, Russia.
- **Member of the Program Committee (PC)** of the 7<sup>th</sup> international conference on “Building and Exploring Web Based Environments” (WEB2019), June 2 - 6, 2019 - Athens, Greece.
- **Member of the Program Committee (PC)** of the 2nd International Conference on Emerging Data and Industry 4.0 (EDI40 2019), April 29 to May 2, 2019 in Leuven, Belgium.
- **Member of the Program Committee (PC)** of the 12th International Conference on Theory and Practice of Electronic Governance (ICEGOV2019), Melbourne, Australia, Feb. 20-22, 2019.
- **Member of the Technical Program Committee (TPC)** of the 13th International Conference on Future Networks and Communications (FNC-2018), Gran Canaria, Spain from 13 to 16 August 2018.
- **Member of the Program Committee (PC)** of the 11th International Conference on Theory and Practice of Electronic Governance (ICEGOV2018), Galway, Ireland, April 4 - 6 2018.
- **Member of the International Program Committee PC** of the "International Conference on Advanced Technologies Enhancing Education (ICAT2E 2017)" (<http://icat2e.jimdo.com/>), Qingdao, China, from March 18 to March 20, 2017.
- **Member of the International Program Committee PC** of the "7th International Conference on e-Democracy (e-Democracy 2017)" (<http://www.edemocracy2017.eu/>), Athens, Greece, Dec. 14-15, 2017.
- **Member of the Program Committee (PC)** of the 9th International Conference on Creative Content Technologies (CONTENT 2017), February 19 - 23, 2017 - Athens, Greece.
- **Member of the International Program Committee PC** of the "Workshop on Healthy and Secure People" - HSP 2017 (<http://www.ict4ageingwell.org/HSP.aspx>), Oporto, Portugal from 28 to 29 April 2017.
- **Member of the Program Committee PC** of the 10th International Conference on Theory and Practice of Electronic Governance (ICEGOV2017), New Delhi, India from 7 to 9 March 2017.
- Member of the Program Committee of the **HCist – International Conference on Health and Social Care Information Systems and Technologies: "aligning business, technology and people for better healthcare services"**, Vilamoura, Portugal, 7-9 October, 2015.
- Member of the Editorial Advisory Board (EAB) of the chapter collection “Emerging Business Models and Managerial Strategies in the Nonprofit Sector”, IGI-Global.
- Member of the Scientific Council for the Information Society, University of Athens, Greece.
- Member of the NETWORK OF PROJECT MANAGERS IN GREECE – PM-GREECE, IPMA Group.
- Evaluator of project proposals for the Greek Information Society Framework Program
- Project Evaluator for the Greek General Secretary of Research and Development (GSRT)
- Project Evaluator for the OPERATIONAL PROGRAMME 'COMPETITIVENESS AND ENTREPRENEURSHIP', Hellenic Ministry of Regional Development and Competitiveness
- Evaluator of the deliverables of the action NETFORCE 2005 (Grid networks in the Peloponnese Region), funded under a European programme.
- Tender designer and evaluator for the Greek Ministry of Foreign Affairs.



Scientific Prizes & Awards

1. Invited speaker, 13th International Conference on Theory and Practice of Electronic Governance (ICEGOV 2020), Connecting Smart Cities and Community Governance to the Sustainable Development Goals, Sept. 24, 2020.
2. Sustainable Cities and Society (EiSevier), Member of the Editorial Advisory Board
3. Government Information Quarterly (EiSevier), Member of the Editorial Advisory Board
4. Invited Keynote Speaker, ICONARCH IV - IV International Congress of Architecture and Planning, 15-17th April 2020 in Konya/ TURKEY
5. Invited Speaker, 2nd Vienna Energy Strategy Dialogue (OSCE), Vienna, Austria, Nov. 29, 2019
6. Invited Speaker, 9th Green Standards Week (GSW), ITU, Valencia, Spain, Oct. 1, 2019.
7. Invited Speaker, World Smart City Forum 2018, ITU, Santa Fe, Argentina, Nov. 29, 2018.
8. Invited Speaker, Smart City Day 2018, Fribourg, Switzerland, September 13, 2018.
9. Best paper award, Fitsilis, P., Tsoutsas, V., Anthopoulos, L. and Ragos, O. (2018). Teamwork Behavior in Smart and Sustainable Cities Ecosystems. In the Proceedings of The Eighth International Conference on Advanced Collaborative Networks, Systems and Applications (COLLA 2018), Venice, Italy, June 24-28, 2018.
10. Invited Keynote Speaker, 5th Technology Forum ([www.technology-forum.eu](http://www.technology-forum.eu)), 16 May 2018, Thessaloniki, Greece.
11. Invited Keynote Speaker, Third IEEE International Workshop on Pervasive Context-Aware Smart Cities and Intelligent Transportation Systems (PerAwareCity) - Theme: Smarter Cities for Better Social Good (PerAwareCity), held in conjunction with IEEE Pervasive Computing and Communications (PerCom 2018), 23 March 2018, Athens, Greece.
12. Invited Speaker, European Commission DG Internal Market, Industry, Entrepreneurship and SMEs workshop "Supporting cities and regions to become successful digital ecosystems", 10 October 2017, Brussels, Belgium.
13. Invited Speaker, Digital Innovation and Smart ecological services Workshop, 27 -28th November 2017 in Nice, France.
14. Co-chair, Track #3: Smart Cities: Intelligent Innovation and Transformation. In conjunction with dg.o 2020, 21st International Conference on Digital Government Research, Seoul, June 15-19, 2020 (with Soon Ae Chun (City University NY) and Wookjoon Sung (Seoul National University))
15. Co-chair, Track #4: Smart Cities: Models and Platforms. In conjunction with dg.o 2019, 20th International Conference on Digital Government Research, Dubai, UAE, June 18-20, 2019 (with Soon Ae Chun (City University NY) and Dongwook Kim (Seoul National University))
16. Chair, Track SmaCit: Smart and Connected Cities: Creating People-centered City Government, The Eighth International Conference on Advanced Collaborative Networks (COLLA 2018), June 24-28, 2018, Venice, Italy.
17. Co-chair, Track #7: Smart Cities: Models and Platforms. In conjunction with dg.o 2018, 19th International Conference on Digital Government Research, Delft, the Netherlands, May 30 2018 (with Soon Ae Chun (City University NY) and Dongwook Kim (Seoul National University))
18. Co-chair, WebAndTheCity 2020 ACM Workshop – Web Intelligence and Smart Cities. In conjunction with The Web Conf (WWW'20): 29th World Wide Web International Conference, Taipei, April 21, 2020 (with Janssen, M. (TU Delft) and Weerakkody, V. (University of Bradford, UK))
19. Co-chair, Web4city 2019 Workshop - Web Intelligence and Smart Cities. In conjunction with The Web Intelligence IEEE/EEC/ACM International Conference (WI'19), (with Soon Ae Chun (City University NY) Thessaloniki, Greece, Oct. 14-17, 2019
20. Co-chair, AW4city 2019 ACM Workshop - Web Applications and Smart Cities: enhancing mobility with web applications. In conjunction with The Web Conf (WWW'19): 28th World Wide Web International Conference, San Francisco, May 13, 2019 (with Janssen, M. (TU Delft) and Weerakkody, V. (University of Bradford, UK))
21. Co-chair, AW4city 2018 ACM Workshop - Web Applications and Smart Cities: enhancing citizen centricity with web applications. In conjunction with The Web Conf (WWW'18): 27th World Wide Web International Conference, Lyon, France, April 23 2018 (with Janssen, M. (TU Delft) and Weerakkody, V. (University of Bradford, UK))
22. Co-chair, AW4city 2017 ACM Workshop - Web Applications and Smart Cities: enhancing viability with web applications. In conjunction with WWW'17: 26th World Wide Web International Conference, Perth, Australia, April 3 2017 (with Janssen, M. (TU Delft) and Weerakkody, V. (Brunel Business School))
23. Chair, Smart Cities and Emerging Topics track, CeDEM Asia 2016, Daegu, South Korea, December 7-12, 2016.
24. Co-chair, Beyond Bureaucracy VS Smart Government (BBSG 2016): Towards the Ecosystem workshop, in conjunction 17th International Digital Government Research Conference on Digital Government Research (dg.o '16), Shanghai, China.
25. Co-chair, AW4city 2016 ACM Workshop - Web Applications and Smart Cities: enhancing urban sustainability with web applications. In conjunction with WWW'16: 25th World Wide Web International Conference, Montreal, Canada, April 11th 2016 (with Janssen, M. (TU Delft) and Weerakkody, V. (Brunel Business School))
26. Invited Expert at the workshop on setting up a "monitoring methodology for digital entrepreneurship and a digital entrepreneurship scoreboard" at the premises of the Executive Agency for Small and Medium-sized Enterprises (EASME), organised by PwC, CARSA, ESN and IDATE on behalf of the European Commission. Brussels, Oct. 26, 2016 and Sept. 8, 2015.

27. Invited Associated Editor of the track "Digital Government and the Innovation in the Public Sector" 25TH EUROPEAN CONFERENCE ON INFORMATION SYSTEMS, which will take place in Guimarães, Portugal, 5-10 June, 2017.
28. Co-chair, AW4city 2015 ACM Workshop - Web Applications and Smart Cities: bringing together government, businesses and citizens, In conjunction with WWW'15: 24th World Wide Web International Conference, Florence, Italy, May 18th 2015 (with Janssen, M. (TU Delft) and Weerakkody, V. (Brunel Business School))
29. Co-chair, 3M4City Workshop: Modelling, Mining, Managing smart city data flows. In conjunction with WIMS'14: 4th International Conference on Web Intelligence, Mining and Semantics, Thessaloniki, Greece, 2-4 June 2014
30. Session chairman at the European Conference of e-Government (ECEG, 2013), June 13-14, 2013, Komo, Italy.

#### A) Postgraduate Theses at the MSc in Project and Programme Management, TEI of Thessaly, Greece

More than 20 postgraduate theses, most of which evolved to publications. Indicatively:

1. Tougoutzoglou T. (2011), A viability model for Smart Cities (very good, 7.5/10)
2. Triantafyllou, D. (2012), e-Strategic Comparison in Greece (very good, 7.5/10)
3. Christianopoulou, A. (2012), Negotiation Project Management Frameworks (very good, 8.0/10)
4. Tsiara, A. (2013), A dam flood wave disaster recovery model: findings from Greece (very good, 7.8/10)
5. Dafoula, E. (2013), Risk management in Archaeologic Projects (very good, 7.5/10)
6. Ntouvlis, S. (2014), Smart Cities: a Literature Review (good, 5.01/10)
7. Bousdras, S. (2014), Strategic Project Management: Experiences from Karditsa (good, 6/10)
8. Boukouvalas, Ch. (2014), Smart City Projects and e-Government: convergence between the two scientific domains (very good, 8.1/10).
9. Ntaralas, P. (2014), E-government project failure factors: the case of "mySchool" in Greece (very good, 7.4/10).
10. Koutsikos, J. (2017), Analysing Smart City as Project: the case of Trikala, Greece (very good, 8.2/10)

#### B) Postgraduate Theses supervision, MSc in Construction Management, Hellenic Open University Greece

More than 20 postgraduate theses, most of which evolved to publications. Indicatively:

1. Tsopanis, D. (2011) Urban planning and Smart City (very good, 7.5/10)
2. Mpapka, S. (2012) Construction Negotiation Management Frameworks (very good, 8.0/10)
3. Kostavara, E. (2012) Construction Disaster Recovery Model (very good, 8.0/10)
4. Kokkinidis, S. (2012) Program Quality Management: Experiences from Thessaly, Greece (Excellent, 8.5/10)
5. Zikos, E. (2013) Land consolidation official data incorporation in Modern Geodetic Reference Systems (Excellent, 9.0/10)
6. Baltos, S. (2013) Strategic Project Management: Data from Energy Efficiency's Intervention Projects in Thessaly, Greece (Excellent, 8.5/10).
7. Denni, E. (2018) Smart City Urban Planning and their implications on urban construction projects: evidence from Greece

#### C) PhD Supervision

- PhD supervisor of 5 PhD students, University of Thessaly, Greece, in the fields of smart city, metaverse, blockchain, AI and management.
- External Examiner of a PhD thesis for the Politecnico di Torino, Italy (thesis title: Business Models of Smart City Projects)
- Member of the tripartite committee for the PhD thesis supervision of ROBLEK Vasja, University of Zagreb with title «A model for smart technology adaptation in the case of urban infrastructure development with the purpose to improve the quality of the citizens well-being»
- External Examiner of a PhD thesis for the University of Wollongong, Australia (thesis title: Public Value Creation through Social Media Networks: Mixed methods research on Indonesia's disaster management agencies)
- Strategic management via construction projects. Member of the supervision committee of the TEI of Thessaly, Greece, in Association with the Staffordshire University, UK.

Thesis supervision  
details

Research Projects

1. **Smart Cities as hubs: defining a system for city flows' management.** Hellenic Foundation for Research and Innovation (Started, March 2022, duration 36 months)
2. **Role Of Collective Bargaining In Shaping Work-Life Balance In Public Service Sector – Challenges And Perspectives:** scientific coordinator. This project funded under European Commission Industrial Technologies (start: Apr. 2020, duration 24 months)
3. **Career cOnsulting and Mentoring skills caPAcity building for youth workerS working with NEETS (COMPASS):** scientific coordinator. This project funded under Erasmus+ Key Action 205, Strategic Partnerships for youth (start: Nov. 2019, duration 24 months)
4. **Smart DevOps – DevOps Competencies for Smart Cities (<http://devops.teilar.gr/>)**  
Member of the project team. This project funded under Erasmus+ Key Action 2, Strategic Alliances and focused on smart city competencies' development with the DevOps methodology (start: May 2019, duration 36 months).
5. **Scientific Coordinator: Developing an Enterprise Architecture for a Digital City (EADIC) (<http://eadic.teithessaly.gr>)**  
Research project with a budget of €89.700,00, funded by the Archimedes III Greek National Research Program. My proposal was one of the 200 successful ones, out of the 3.000 that were submitted all over Greece on September 2009. The project has duration of 36 months, it was developed with the cooperation of the Project Management Department (TEI of Thessaly) and of the Computer Science Department (AUPh) and it was successfully completed (November 2015).
6. **Scientific Coordinator on behalf of the city of Trikala partner: Integrative Smart City Planning (InSmart) ([www.insmartenergy.com](http://www.insmartenergy.com))**  
Coordination act FP7 with a budget of €150.000 for the city of Trikala. Duration: 36 months and successfully completed (March 2017)
7. **Planning and proposal authoring for 10 R&D projects for the Greek Foreign Ministry.**
8. **SALE - Social Media Training to Combat Unemployment Among Higher Education Graduates.**  
Member of the project team. This project funded under Erasmus+ Key Action 2, Strategic Partnerships and focused on digital identity building.
9. **“NEGOTIATOR: an adaptive and immersive environment for negotiation and crisis management”.** Composed and submitted to the FP7/ICT fourth call for proposals, in the area of Virtual Training Environments. The Consortium consisted of five partners from Greece, Spain, Ireland and Belgium. (Not funded)
10. **More than 10 successfully composed, submitted, managed and implemented innovative projects for enterprises (co-funded projects) located in Trikala, central Greece,** funded by Greek Framework Programmes. Projects' budget was varying between €80.000,00 - €180.000,00.
11. **SMEs - Research in Software PROcess Improvement Methodologies for Greek Small & Medium sized Software Development Enterprises (SMEs)**  
Member of research project team: Research project with a budget of €90.000,00, funded by the Archimedes III Greek National Research Program. The project has duration of 36 months, it is being developed with the cooperation of the Project Management Department (TEI of Larissa) and of the Computer Science Department (AUPh) and it was completed in the end of 2015.
12. **KNOWLEDGE MANAGEMENT for SOFTWARE PROJECT MANAGEMENT USING ONTOLOGIES AND SOCIAL NETWORKS (ONSOCIAL)**  
Member of research project team: Research project with a budget of €90.000,00, funded by the Archimedes III Greek National Research Program. The project has duration of 36 months, it is being developed with the cooperation of the Project Management Department (TEI of Larissa) and of the Computer Science Department (AUPh) and it was completed in the end of 2015.
13. **Mycoticon: MYCOTa Intereuropean Cooperation Network**  
Member of research project team: with a budget of €89.700,00, funded by Leonardo da Vinci Transfer of Innovation, under 2012 call. The project has duration of 24 months, it is being developed with the cooperation of eight (12) partners from three (3) EU member states. The project has duration of 36 months, it is being developed with the cooperation of the Project Management Department (TEI of Larissa) and it was completed in the end of 2013.

Citations

**More than 5200 citations to my publications (data from Publish and Perish and Google Scholar). Researcher h-index: 31 and i-10 index: 59.**

**More than 2200 citations to my publications, h-index: 24 (data from Scopus)**

**More than 1300 citations to my publications, h-index: 17 (data from Web of Science)**

**Belong to the top 2% of scientists around the world in the research fields of expertise (AI, Information Systems, Information & Communication Technologies) Ioannidis, J.P.A. (2023). October 2023 data-update for "Updated science-wide author databases of standardized citation indicators". DOI:10.17632/btchxktzyw.6 (<https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/6>)**