Curriculum Vitae

Personal Information Last Name Tsitsifli **First Name** Stavroula **Position Assistant Professor** Water Resources Management and Wastewater **Academic Field** and Solid Waste Treatment **Work Address** International Hellenic University, Polytechnic School, Department of Environmental Engineering, P.O. Box 141, 574 00, Sindos, Thessaloniki, Greece. Analysis and Management of Water Resources systems and Water Supply Networks (Simulation, Optimization) Water Resources Economics, Environmental Policy Design, Development and Exploitation of algorithms, methods, techniques and systems introducing intelligence in Water Resources Management – Machine Learning, Multi-criteria Optimization, Decision Support and Integration of Artificial Intelligence (AI) Analysis and Management of Drinking Water Quality and **Research Interests** Safety in Water Supply Networks – Water Safety Plans Reliability Analysis and Maintenance Analysis – Mathematical modelling – Systems Analysis – Maintenance. Crisis Analysis Management Hydrological modeling - Vulnerability Assessment of Water Resources Wastewater Management & Treatment, Water Reuse

Education	Education	
1994	Diploma in Chemical Engineering, Polytechnic School, Aristotle University of Thessaloniki, grade 8.01.	
	Master's in Business Administration – MBA, City University Business School, London, UK. Graduation: 24/11/1995	
1994-1995	Master's Thesis (supervisor: Prof. Matthew Last): "How should small businesses develop export markets – using the Western European leather industry as a case study?"	

tel.:

Contact Details:

Environmental Impact Assessment, Life Cycle Assessment -

e-mail: stsitsifli@ihu.gr

Solid Waste Management and Treatment

Master's Diploma in Modern Methods of Production and Industrial Management, Department of Mechanical Engineering and Industry, University of Thessaly.
Graduation: 31/10/2001, grade "9.45 Excellent"
Postgraduate Thesis: "Reliability prediction using the statistical program Minitab Release 13" – supervisor: Prof. I. Bakouros, Grade: "10 Excellent"
Completion of Doctoral Thesis and Award of the PhD Degree at the Department of Mechanical Engineering, University of Western Macedonia with grade "10 Excellent".
PhD Thesis: "Reliability Assessment and Performance Evaluation of Water Pipe Networks". Supervisor: Prof. I. Bakouros and co-supervisor (actual supervisor): Lect. V. Kanakoudis
Postdoctoral Research at the Department of Civil Engineering, University of Thessaly. Title: "Development of an Early Warning System for the Safety of Drinking Water in Water Supply Networks". Scientific Coordinator and Supervisor: Prof. V. Kanakoudis. Postdoctoral Research Fellowship - Funding from Stavros Niarchos Foundation, implemented in University of Thessaly

Professional Experience		
1995	Acquisition of Professional License of Chemical Engineering and member of the Technical Chamber of Greece (T.C.G.).	
1995-1999	Production and Financial Manager (Quality Management Manager) in the company "Antonios Tsitsifli"	
1999- present	Chemical Engineer (freelancer) - Technical Consultant	
1998-2013	Scientific and Laboratory Associate of the Technical Educational Institute (TEI) of Thessaly	
2010-2013	Lecturer under contract according to P.D. 407/80 at the University of Thessaly, Department of Civil Engineering and Department of Planning and Regional Development Engineering	
2013-2025	Cooperating Teaching Staff, Hellenic Open University, Postgraduate Programme "Quality Management and Technology"	
2013-2016	Academic Fellow at the University of Thessaly, Department of Civil Engineering and Department of Planning and Regional Development Engineering	
2013-2021	Teaching Staff at the ICBS Larissa Business College	
2016-2017	Research Associate at the Technical Educational Institution (TEI) of Thessaly	
2016-2017	Lecturer under contract according to P.D. 407/80 at the University of Thessaly, Department Planning and Regional Development Engineering	

2017-2021	Academic Fellow at the University of Western Macedonia, Department of Environmental Engineering and Department of Chemical Engineering
2021-2024	Academic Fellow at the University of Thessaly, Department of Environment
09/05/2025- present	Assistant Professor, Department of Environmental Engineering, Polytechnic School, International Hellenic University, subject "Water Resources Management and Treatment of Wastewater and Solid Waste" (Government Gazette 1736, Issue C, 09/05/2025).

Teaching Experience

Undergraduate

A. Technological Educational Institution (TEI) of Thessaly:

Department of Accounting

Department of Business Administration

Department of Project Management		
1997-2002	Lecturer under contract and Research Associate (incomplete qualifications) at the Department of Accounting of TEI of Thessaly in the courses: "Principles of Librarianship and Library Organization"; "Methodology of Collecting Data for Research"; "Labor Relations"; "Seminar"	
1998-2001	Lecturer under contract and Research Associate (incomplete qualifications) at the Department of Business Administration of TEI of Thessaly in the courses: "History and Principles of Cooperativism"; "Demography"	
2001-2010	Lecturer under contract and Laboratory Associate (full qualifications) at the Department of Project Management of TEI of Thessaly in the courses: "Organization of Modern Production Systems"; "Health and Safety at Work"	
2002-2004	Lecturer under contract and Laboratory Associate (incomplete qualifications) at the Department of Accounting of TEI of Thessaly in the courses: "Business Action Programme"; "Seminar"	
2004-2013	Lecturer under contract and Laboratory Associate (full qualifications) at the Department of Business Administration of TEI of Thessaly in the courses: "Strategy Development"; "Operations Management"; "Applications of Business Research in Operations", "Seminar"	
2010-2011	Lecturer under contract and Research Associate (incomplete qualifications) at the Department of Business Administration of TEI of Thessaly in the courses: "Operations Management"	
2011-2013	Lecturer under contract and Research Associate (full qualifications) at the Department of Business Administration of TEI of Thessaly in the courses: "Operations Management"; "Quality Control and Quality Assurance Systems"	

2012-2013	Lecturer under contract and Research Associate (incomplete qualifications) at the Department of Project Management of TEI of Thessaly in the courses: "Technicoeconomic Analysis of projects"
2016-2017	Lecturer under contract and Research Associate (academic experience for young PhD scientists) at the Department of Business Administration of TEI of Thessaly in the courses: "Operations Management"
B. Civil Engine	eering Department, University of Thessaly
01/09/2010- 28/02/2011	Lecturer under fixed-time private law employment contract based on P.D. 407/80 at the Department of Civil Engineering of the University of Thessaly in the course "Economic Theory and Policy" (1st semester)
2013 - 2020	Adjunct teaching (scientific collaborator of Prof. V. Kanakoudis) in the Department of Civil Engineering of the University of Thessaly in the course "Water Resources Systems", winter semester
C. Departmer	nt of Planning and Regional Development Engineering, University of Thessaly
01/03/2012- 15/07/2012	Lecturer under fixed-time private law employment contract based on P.D. 407/80 at the Department of Planning and Regional Development Engineering of the University of Thessaly in the course "Environmental Impact Assessment"
01/03/2013- 15/07/2013	Lecturer under fixed-time private law employment contract based on P.D. 407/80 at the Department of Planning and Regional Development Engineering of the University of Thessaly in the course "Environmental Impact Assessment"
02/01/2017- 28/02/2017	Lecturer under fixed-time private law employment contract based on P.D. 407/80 at the Department of Planning and Regional Development Engineering of the University of Thessaly in the course "Environmental Engineering"
02/01/2018- 28/02/2018	Lecturer under fixed-time private law employment contract based on P.D. 407/80 at the Department of Planning and Regional Development Engineering of the University of Thessaly in the course "Environmental Engineering"
2015 - 2016	Co-teaching (for half semester) as Academic Fellow at the Department of Planning and Regional Development Engineering of the University of Thessaly in the course "Environmental Engineering and Management" (3 hours per week for half semester)
2013 - 2014	Co-teaching (for half semester) as Academic Fellow at the Department of Planning and Regional Development Engineering of the University of Thessaly in the course "Environmental Impact Assessment"
D. Departmen	nt of Environmental Engineering, University of Western Macedonia
05/10/2017- 09/02/2018	Lecturer in the Department of Environmental Engineering of the University of Western Macedonia in the course " Hydraulics ", winter semester
E. Departmen	nt of Chemical Engineering, University of Western Macedonia

18/10/2019- 31/07/2020	Lecturer (Academic Fellow) in the Department of Chemical Engineering of the University of Western Macedonia in the courses: "Health and Safety at Workplaces" and "Environmental Management" in Winter Semester and "Special Topics in Environmental Engineering" in Spring Semester
12/10/2020- 30/06/2021	Lecturer (Academic Fellow) in the Department of Chemical Engineering of the University of Western Macedonia in the courses: "Life Cycle Analysis – Circular Economy" and "Mechanisms and Control of Water Pollution" in Winter Semester and "Environmental Management" in Spring Semester
F. Departmer	nt of Environment, University of Thessaly
2023 – 2024	Lecturer (Academic Fellow) in the Department of Environment of the University of Thessaly in the courses: "Environmental Economics I", Winter Semester
2021 - 2023	Lecturer (Academic Fellow) in the Department of Environment of the University of Thessaly in the courses: "Environmental Economics", Winter Semester (2 semesters)
G. Departmen	nt of Environmental Engineering, International Hellenic University
2025-present	"Solid Waste Treatment and Management", 5 th semester, Theory and practical exercises
	"Wastewater Treatment and Management", 7 th semester, Theory and practical exercises
	"Smart Cities" 7 th semester, Theory and practical exercises
Postgraduate	
H. University	of Thessaly
2010-2011	Teaching Assistant in the postgraduate programme of the Department of Civil Engineering of the University of Thessaly in the course: "Management and Simulation of Water Supply Systems", Winter Semester
2010 - 2012	Co-teaching in the postgraduate programme of the Department of Civil Engineering of the University of Thessaly in the course: "Environmental Policy and Water Resources Economics", Spring Semester
2011 - 2012	Co-teaching in the postgraduate programme of the Department of Civil Engineering of the University of Thessaly in the course: "Management and Simulation of Water Supply Systems", Winter Semester
2013 - 2014	Teaching Assistant in the postgraduate programme of the Department of Civil Engineering of the University of Thessaly in the course: "Management and Simulation of Water Supply Systems", Winter Semester
2013 - 2014	Teaching Assistant in the postgraduate programme of the Department of Civil Engineering of the University of Thessaly in the course: "Environmental Policy and Water Resources Economics", Spring Semester
2013 - 2015	Co-teaching in the postgraduate programme of the Department of Planning and Regional Development Engineering "Spatial Analysis and Environmental Management" of the
	University of Thessaly in the course: "Waste Management", Spring Semester

I. Interdepartmental Postgraduate Programme "Sustainable Management of Environmental Changes and Circular Economy", University of Thessaly

2018 - 2023	Co-teaching in the postgraduate programme of the Interdepartmental Postgraduate Programme "Sustainable Management of Environmental Changes and Circular Economy", University of Thessaly in the course: "Modern Environmental Management Policies and Technologies - Environmental Standards – Circular Economy", Winter Semester (5 semesters)
2021-2022	Teaching in the postgraduate programme of the Interdepartmental Postgraduate Programme "Sustainable Management of Environmental Changes and Circular Economy", University of Thessaly in the course: "Non-conventional water resources – Circular economy and pricing policies", Winter Semester (1 semester)
2023-2025	Teaching in the postgraduate programme of the Interdepartmental Postgraduate Programme "Sustainable Management of Environmental Changes and Circular Economy", University of Thessaly in the course: "Modern Methods of Environmental Management and Environmental Standards", Winter Semester (2 semesters)

G. Hellenic Open University

01/10/2013-	Teaching as Cooperating Teaching Staff at the Hellenic Open University,
31/07/2014	Postgraduate Programme "Quality Assurance", thematic unit: "Special topics for
	Quality" (DIP61)
2015-2025	Teaching as Cooperating Teaching Staff at the Hellenic Open University, Postgraduate Programme "Quality Management and Technology", thematic unit:
	"Special topics for Quality" (DIP61)

Supervision

K. Undregraduate

Member of a three-member examination committee for six (6) undergraduate theses and cosupervisor of two (2) undergraduate theses at the Department of Civil Engineering, University of Thessaly.

Supervision of seventy (70) undergraduate theses at the Department of Business Administration of the Technological Educational Institution (TEI) of Thessaly

L. Postgraduate

Supervision of thirty (30) postgraduate theses completed at the Hellenic Open University, postgraduate programme "Quality Management and Technology"

Supervision of one (1) postgraduate thesis at the Interdepartmental Postgraduate Programme "Sustainable Management of Environmental Changes and Circular Economy", University of Thessaly

M. PhD Thesis

Member of Three-Member Committee of PhD Students Member in PhD Thesis Examination Committees Departmental Administrative Work - Committees 2019-Member (elected) of the Steering Committee of the Technical Chamber of Greece, Regional Department of Central and Western Thessaly present 2019-Member (elected) of the Delegation of the Technical Chamber of Greece, Regional present Department of Central and Western Thessaly 2020-Coordinator of the Permanent Committee of Environment, Energy and Climate present Change of the Technical Chamber of Greece, Regional Department of Central and Western Thessaly **Research Projects** A. Principal Investigator A. International **B. National B. Research Team Member** A. International 1. 01/02/2011- "WATER LOSS - Management of water losses in a drinking water supply system", 30/04/2012 MED project: Research team member in the Aristotle University of Thessaloniki (Scientific Coordinator: A. Zouboulis) 03/04/2013-"WATER LOSS - Management of water losses in a drinking water supply 2. 31/05/2013 system", MED project: Research team member in the Aristotle University of Thessaloniki (Scientific Coordinator: A. Zouboulis)

"Sustainable InteGral Management Approaches for Water areas – SIGMAforWATER", INTERREG IVC project: Research team member in the

"Networking for Drinking Water Supply in Adriatic Region – DRINKADRIA", 10

STR/0004", IPA Adriatic project (code 4929): Research team member in the

University of Thessaly (Scientific Coordinator: V. Kanakoudis)

University of Thessaly (Scientific Coordinator: V. Kanakoudis)

3.

4.

01/08/2011-

28/02/2013

14/10/2014-

30/09/2016

5. 01/12/2016 -Project team member in the research project «2nd International Conference: 31/12/2016 EWaS "Efficient & Sustainable Water Systems Management toward Worth Living Development" (01-04/06/2016). Project team member in the research project "International Conference 6. 18/04/2018 – EWaS3 (27-30/06/2018 Lefkada)" code 5404 (Scientific Coordinator: V. 31/08/2018 Kanakoudis). 7. 30/07/2018 -"Administrative and Technical support of the Special Secretariat for Water, in 31/10/2020 the context of the project entitled Urban water-energy cycle: from its source to its end users and back to the environment and acronym WATenERgy CYCLE", INTERREG Balkan-Mediterranean 2014-20 project: Research team member in the General Secretariat for Natural Environment and Water, Ministry of Environment and Energy 8. 02/11/2018 -"Technical support of the Municipal Water Supply and Sewerage Company of 09/11/2020 Komotini, in the context of the project entitled Water resources efficiency and conservative use in drinking water supply systems and acronym WATER RESCUE", INTERREG V-A Greece-Bulgaria 2014-20 project: Research team member in the Municipal Water Supply and Sewerage Company of Komotini (DEYAK) "Administrative, Communication and Technical support of the Municipal 9. 05/11/2021 – 31/12/2022 Water Supply and Sewerage Company of Larissa, in the context of the project entitled «MULTIHAZARD FRAMEWORK FOR WATER RELATED RISKS MANAGEMENT - MUHA», INTERREG V-B Adriatic-Ionian/ADRION 2014-2020 project: Research team member in the Municipal Water Supply and Sewerage Company of Larissa (DEYAL) "Development and customization of software and Decision Support 10. 22/12/2022 – 30/04/2024 application for the management of water supply network parameters" in the context of the project "Smart Green System for Leakage Control and Water Quality Monitoring System of water district area of Paramythia city of Municipality of Souli", ESPA 2014-2020, Sectoral Operational Programmes, OP Environment and Energy of the Ministry of Environment and Energy: Research team member in the University of Western Macedonia (UoWM) (Scientific Coordinator: M. Louta) 11. 10/7/2024 -"Universal Interoperative Sustainable Agri-water Management Platform" 31/12/2024 UNIVERSWATER, HORIZON EUROPE project: Research team member in the University of Western Macedonia (UoWM) (Scientific Coordinator: M. Louta) 12. 05/12/2024 – "Models and Tools for Enhancing the Resistance and the Resilience to Wildfire present (end in Natural Protected Areas and Wildland-Urban Interfaces-RES2FIRE", of contract INTERREG ADRION 2021-2027 project: Research team member in the 30/06/2027) University of Western Macedonia (UoWM) (Scientific Coordinator: M. Louta) 05/12/2024 – "Promoting Urban Resilience Through an Integrated Advanced Decision 13. Support System for Flood Control - URBANFLOODS", INTERREG ADRION present (end

	of contract: 31/08/2027)	2021-2027 project: Research team member in the University of Western Macedonia (UoWM) (Scientific Coordinator: M. Louta)
14.	30/1/2025 – present (end of contract: 30/11/2027)	"Universal Interoperative Sustainable Agri-water Management Platform" UNIVERSWATER, HORIZON EUROPE project: Research team member in the University of Western Macedonia (UoWM) (Scientific Coordinator: M. Louta)
15.	29/05/2025 – present (end of contract: 31/12/2025)	"AquaResilient MEDiterannea: Promoting Flood Resilience", GREECE 2.0 project Partnerships for Research Excellence, Ministry of Education, Research and Religious Affairs: Research team member in the University of Western Macedonia (UoWM) (Scientific Coordinator: M. Louta)
B. Na	tional	
1.	15/06/2007- 15/03/2008	Participation under project contract in the project "Funding of research activities. Investigation of reliability of the fluid transport networks using the method of Discriminant Analysis and Classification", Civil Engineering Department, University of Thessaly Research Committee (Scientific Coordinator: V. Kanakoudis)
2.	10/07/2008 - 10/01/2009	Participation under project contract in the project "Determination of operational indicators of the water supply network of the Municipal Water Supply and Sewerage Company of Kos according to the International Standard of IWA", University of Thessaly Research Committee (Scientific Coordinator: V. Kanakoudis)
3.	02/12/2013 – 05/12/2013	Participation under project contract as lecturer in the project "Organization of Seminars" at the Innovation and Entrepreneurship of the Technological Educational Institute of Thessaly. Title of the seminar "Entrepreneurship and Environmental Policies"
4.	01/05/2014- 31/05/2014	Participation under project contract in the project "Wastewater analyses for companies", University of Thessaly Research Committee (Scientific Coordinator: A. Kungolos)
5.	21/05/2014- 20/08/2014	Participation under project contract in the project "Environmental Planning", Technological Educational Institute of Thessaly Research Committee
6.	01/11/2014- 30/11/2014	Participation under project contract in the project "Physicochemical analyses of wastewater and dehydrated sludge of the wastewater treatment plant of the Municipality of Tirnavos", University of Thessaly Research Committee (Scientific Coordinator: A. Kungolos)
7.	17/01/2015- 30/09/2015	Participation under project contract in the project "Integrated Service of the Hellenic Academic Electronic Textbooks Accumulator" of the project "HELLENIC ACADEMIC ELECTRONIC TEXTBOOKS" as a co-author of the book entitled "Integrated Management of Urban Water Supply Networks", Research Committee of the National Technical University of Athens (NTUA)

8.	01/03/2015- 31/08/2015	Participation under project contract in the project "Developing digital courses, supporting the institutional platform and other actions" implemented in the context of the project "OPAN COURSES OF THE UNIVERSITY OF THESSALY" for the development of digital courses "Management and Simulation of Water Supply Systems" and "Environmental Policy and Water Resources Economics" in the Civil Engineering Department of the University of Thessaly, UTH Research Committee
9.	12/10/2015 – 31/08/2016	Participation under project contract in the project "Evaluation of the operational level of the water supply networks of the municipal districts of Eani and Krokos of DEYA Kozanis and investigation of the convergence point of efficient and cost-effective use of the water network of DEYA Kozanis with the application of new technologies", UTH Research Committee (Scientific Coordinator: V. Kanakoudis)
10.	01/12/2017 – 30/11/2020	Postdoctoral research project "Development of an Early Warning System for Water Safety in water supply networks", UTH Research Committee (Scientific Coordinator: V. Kanakoudis)
11.	02/05/2018 – 20/05/2018	Participation under project contract in the project "Analysis of the Water Balance and assessment of performance indicators of the water supply system of Larissa – Development of an original hydraulic model in a pilot are based at an original methodology of the University of Thessaly – Estimation of the full water cost recovery level of DEYA of Larissa in the contect of the WFD 2000/60/EC based on an original methodology of the University of Thessaly", UTH Research Committee (Scientific Coordinator: V. Kanakoudis)
12.	27/06/2018 – 30/11/2018	Participation under project contract in the project "Technical Support Consultant Services for the Water Directorate of the Decentralized Administration of Eastern Macedonia and Thrace for the management and monitoring of water quality of the River Basin Management Plans", UTH Research Committee (Scientific Coordinator: V. Kanakoudis)
13.	06/09/2019 – 06/11/2019	Provision of Services Contract for the preparation of the Technical Specifications and Tender documents of the studies: A. Compilation of the General Plan for Water Supply – Masterplan; B. Implementation of Water Safety Plans; C. Determination of the protection zones of the water abstraction works of DEYA Kozani"
14.	01/07/2019 – 20/08/2019	Participation in the Working Team of the Technical Chamber of Greece Regional Department of Central and Western Thessaly for the scientific work entitled "Comparative analysis of the 1st River Basin Management Plan and its update regarding the qualtitative adequacy of the water resources in the Water District of Thessaly", Technical Chamber of Greece Regional Department of Central and Western Thessaly
15.	15/09/2020 – 30/09/2020	Provision of Services Contract as a Technical Consultant for the compilation of a feasibility technical report of the proposed project from DEYAL "Replacement of the internal and upgrade of the external water supply network of Larissa and supply of digital water meters" for the submission of a project proposal to the Call AT01

		for funding in the Programme of Development and Solidarity for the local government "Antonis Tritsis" in the priority axis "Environment entitled "Water Infrastructure", DEYA of Larisa
16.	20/12/2021 – 20/12/2022	Provision of Services Contract as a Technical Consultant for the elaboration of the Operational Business Plan of DEYA of Kozani for the period 2021-2025, DEYA of Kozani
17.	08/2022	Provision of Services Contract as a Technical Consultant for the compilation of the feasibility technical study and the support of the evaluation criteria of the project entitled "Replacements of the internal Water supply network of Larissa and supply of digital water meters", DEYA of Larissa
18.	08/08/2023 – 31/03/2024	Provision of Services Contract as a Technical Consultant for the elaboration of the General Plan for Water Services and the Operational Business Plan – Carbon Footprint study", DEYA of Larissa
19.	25/04/2023 – 24/11/2023	Provision of Services Contract as a Consultant supporting the activation of actions in the section of Environment of the "Thessaly" Programme 2021-2027 and the evaluation of the climate proofing criterion, Managing Authority of the Region of Thessaly
20.	29/12/2023 – 28/12/2024	Provision of Services Contract as a Consultant supporting the activation of actions in the section of Environment of the "Thessaly" Programme 2021-2027 and the evaluation of the climate proofing criterion, Managing Authority of the Region of Thessaly
21.	31/12/2024 – 30/4/2025	Provision of Services Contract as a Consultant supporting the activation of actions in the section of Environment of the "Thessaly" Programme 2021-2027 and the evaluation of the climate proofing criterion, Managing Authority of the Region of Thessaly
22.	30/04/2024 – 31/07/2024	Participation in the Working Team of the Technical Chamber of Greece Regional Department of Central and Western Thessaly for the scientific work entitled "Optimization of the Safety through proposals development derived from the investigation and assessment of solutions for the problem of the railway lines crossing within the urban areas of Larissa, Trikala and Karditsa", Technical Chamber of Greece Regional Department of Central and Western Thessaly
23.	30/09/2024 – present (end of contract 29/09/2026)	Provision of Services Contract as a Technical Consultant for the project "Network and Infrastructure Performance Audit – GIS Management in DEYA of Kozani 2024-2026", DEYA of Kozani
24.	29/01/2025 – 28/02/2025	Provision of Services Contract as a Technical Consultant for the "Compilation of the Technical Specification and the Tender Documents for the study entitled "Updating and determination of protection zones for the water intake points for human consumption from groundwater systems on DEYA of Larissa", DEYA of Larissa

- 25. 11/03/2025 Provision of Services Contract as a Technical Consultant for "Provision of Services 10/08/2025 Contract for the 5-year General Plan for Water Services", DEYA of Thermi
- 26. 25/04/2025 Provision of Services Contract as a Technical Consultant for "Elaboration of the 5-24/09/2025 year Operations Business Plan of DEYA of Livadia (incorporating the cost-pricing of water services study) for the submission to RAAEY for issuance of the management capacity certificate of the water services provider"

Publications

Publications in Scientific Journals (peer reviewed)

A. International

- 1. 2008 **Tsitsifli S.**, Kanakoudis V., **2008**, "Performance indicators implemented in the city of Larissa water distribution network", *IWA Specialty Edition «Performance Assessment of Urban Infrastructure Services: Drinking water, wastewater & solid waste»,* (eds. E.Cabrera, M.Pargo), pp.497-508
- 2010 Kanakoudis V., Tsitsifli S., 2010, "On-going evaluation of the WFD 2000/60/EC implementation process in the European Union seven years after its launch: are we behind schedule?", Water Policy, IWA, 12(1), pp.70-91, https://doi.org/10.2166/wp.2009.092
- 3. 2010 **Tsitsifli S.**, Kanakoudis V., **2010**, "Predicting the behavior of a network pipe using the "critical z-score" as its performance indicator", *Desalination*, *250(1)*, *p.p.258-265*, https://doi.org/10.1016/j.desal.2009.09.042
- 4. 2010 Kanakoudis V., **Tsitsifli S., 2010,** "Results of an urban water distribution network performance evaluation attempt in Greece", *Urban Water, Taylor & Francis Eds.*, 7(5), pp. 267-285, https://doi.org/10.1080/1573062X.2010.509436
- S. Tsitsifli, V. Kanakoudis, I. Bakouros, 2011, "Pipe networks Risk Assessment based on Survival Analysis", Water Resources Management, Springer, 25 (14), pp. 3729-3746, https://doi.org/10.1007/s11269-011-9881-3
- Kanakoudis V., Tsitsifli S., 2011, "Water pipe network reliability assessment using the DAC method", Desalination & Water Treatment, 33(1-3), pp.97-106, https://doi.org/10.5004/dwt.2011.2631
- 7. 2011 Kanakoudis V., **Tsitsifli S.,** Samaras, P., Zouboulis, A., and Demetriou, G., 2011, "Developing appropriate performance indicators for urban water distribution systems evaluation at Mediterranean countries", *Water Utility Journal, 1(1),* pp.31-40
- 8. 2012 Kanakoudis V., **Tsitsifli S.,** Papadopoulou A., 2012, "Integrating the Carbon and Water Footprints costs in the WFD Full Water Cost Recovery Concept: Basic principles towards their socially just allocation", *WATER*, *4*(1), pp.45-62, https://doi.org/10.3390/w4010045
- 9. 2012 Kanakoudis V., **Tsitsifli S., 2012**, "Urban water services public infrastructure projects: turning the high level of the NRW into an attractive financing opportunity

	using the PBSC tool", <i>Desalination & Water Treatment</i> , 39 (1-3), pp.323-335, https://doi.org/10.5004/dwt.2012.3308
10. 2013	Kanakoudis V., Tsitsifli S., Samaras, P., Zouboulis, A., and Banovec, P., 2013 , "A new set of water losses related Performance Indicators focused on areas facing water scarcity conditions", <i>Desalination & Water Treatment, 51 (13-15)</i> , pp.2994-3010, https://doi.org/10.1080/19443994.2012.748448
11. 2013	Kanakoudis V., Tsitsifli S., Samaras, P., and Zouboulis, A., 2013 , "Assessing the performance of urban water networks across the EU Mediterranean area: The paradox of high NRW levels and absence of respective reduction measures", <i>Water Science and Technology: Water Supply, IWA, 13(4),</i> pp. 939-950, https://doi.org/10.2166/ws.2013.044
12. 2014 H	Water Distribution Network with Seasonal Water Demand Peaks to define its Actual NRW Level: the case of Kos town, Greece", <i>Urban Water, Taylor & Francis Eds., 11(5),</i> pp.348-360, https://doi.org/10.1080/1573062X.2013.806563
13. 2014	Kanakoudis V., Papadopoulou A., Tsitsifli S., 2014 , "Domestic water pricing in Greece: mean net consumption cost vs. mean payable amount", <i>Fresenius Environmental Bulletin,23(11)</i> , pp.2742-2749
14. 2014	Kanakoudis V., Tsitsifli S., 2014 , "Doing the urban water supply job: from privatization to remunicipalisation and the third pillar of the Performance Based Service Contracts", <i>Water Utility Journal, EWRA, 8, pp.31-46</i>
15. 2014	Kanakoudis V., Tsitsifli S., Samaras P., Zouboulis A., 2014 , "Water pipe networks performance evaluation", Special Edition "Advances in Civil Engineering Research", (eds. A. Liakopoulos, E. Mistakidis, A. Giannakopoulos), pp.211-226
16. 2015 H	Kanakoudis V., Papadopoulou A., Tsitsifli S., 2015 , "Domestic water pricing in Greece: a spatial differentiation", <i>Desalination & Water Treatment, Taylor & Francis, 54(8), pp.2204-2211</i> , https://doi.org/10.1080/19443994.2014.933616
17. 2015 H	Kanakoudis V., Tsitsifli S., Zouboulis A., 2015 , "WATERLOSS project: developing from theory to practice an integrated approach towards NRW reduction in urban water systems", <i>Desalination & Water Treatment, Taylor & Francis, 54(8), pp.2147-2157</i> , https://doi.org/10.1080/19443994.2014.934114
18. 2015 H	Kanakoudis V., Tsitsifli S., Kouziakis C., Lappos S., 2015 , "Defining the level of the Non-Revenue Water in the city of Kozani, Greece: is it a typical case?", <i>Desalination & Water Treatment, Taylor & Francis</i> , 54(8), pp.2170-2180, https://doi.org/10.1080/19443994.2014.934119
19. 2015 H	Kanakoudis V., Tsitsifli S., Samaras, P., and Zouboulis, A.I., 2015 , "Water Pipe Networks Performance Assessment: Benchmarking eight cases across the

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8.	2008	Tsitsifli S., Kanakoudis V., 2008 , "Best Practices of PPP projects in the water services sector", Int. Conf. MIBES-2008 "Management of International Business & Economics Systems", pp.472-486, Larissa, Greece
9.	2008	Kanakoudis V., Tsitsifli S., 2008 , "WFD's Implementation Progress In The EU Focusing On Greece", IWA World Water Congress 2008, Vienna, Austria
10.	2009	Kanakoudis V., Tsitsifli S., 2009 , "Calculating the Water Balance and the Related Performance Indicators for an Urban Water Supply Network in Greece", <i>Int. Conf.</i> "Water Loss", IWA, CD-Proceedings, Cape Town, South Africa
11.	2009	Tsitsifli S., Kanakoudis V., 2009 , "Public vs. Private Water Utilities: PBSCs and PPPs used for financial sustainability", 2 nd Int. Conf. Environmental Management, Engineering, Planning, Economics (CEMEPE) & SECOTOX, (eds:A.Kungolos, K.Aravossis, A.Karagiannidis, P.Samaras), Vol.I, pp 453-458, Myconos, Greece.
12.	2009	Tsitsifli S., Kanakoudis V., 2009 , "Evaluating the performance of an urban water distribution network: tips and tricks for troubleshooting", 7 th Int. Conf. EWRA "Water Resources Conservation & Risk Reduction Under Climatic Instability", (ed: S. Christodoulou), pp 419-426, Lemessos, Cyprus
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14.	2009	Kanakoudis V., Tsitsifli S. , 2009 , "Water pricing policies in Greece: results of a nation wide research", 11 th Int. Conf. on Environmental Science & Technology (CEST 2009), (ed.: T.Lekkas), pp. 536-543, Chania, Greece
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17.	2010	Tsitsifli S. and Kanakoudis V., 2010 , "Presenting a New User Friendly Tool to Assess the Performance Level & Calculate The Water Balance of Water Networks", <i>PRE10 International Conference, Corfu, Greece</i> , <i>5-9 July</i>
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36. 2	2016 Kanakou	udis V., Tsitsifli S. , Gonelas K., Papadopoulou A., Kouziakis C. and Lappos S., 2016 , "Determining a Socially Fair Drinking Water Pricing Policy: The case of Kozani, Greece", Proceedings of the 2 nd EWaS International Conference "Efficient & Sustainable Water Systems Management toward Worth Living Development", Chania, Crete, Greece, 1-4 June
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- 43. 2023 Chasiotis A., **Tsitsifli S.**, Panytsidis K., Nilsen V., Mantas N., Theodorou D., Kyriakidis T., Chasiotis S., Bousdeki M., Feloni, E., Ratnaweera H., Nastos P., and Louta M., **2023**, "Building a smart green system to control water leakage and monitor drinking water quality in the water supply system of Paramythia city, Greece: the case of SMASH project", EGU General Assembly 2023, Vienna, Austria, 24-28 April 2023, EGU23-10057. https://doi.org/10.5194/egusphere-egu23-10057
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- 45. 2023 **Tsitsifli S.**, Panytsidis K., Mantas N., Theodorou D., Kyriakidis T., and Louta M., **2023**, "Presenting the logic of a new Decision Support System for localizing leakage in water distribution networks: the case of Paramythia, Greece", MedGU Annual Meeting, Istanbul, Turkey, 27-30 November 2023
- 46. 2024 Nema S., Gianniou A., **Tsitsifli S.,** Tatsis G., **2024**, "Examining railway incidents in Thessaly: how to assure safety in the urban environment", Proceedings of the International Conference on Changing Cities VI: Spatial, Design, Landscape, Heritage & Socio-economic Dimensions Rhodes Island, Greece, June 24-28, 2024 ISSN: 2654-0460 ISBN: 978-618-5765-02-6, pp. 1343-1353
- 47. 2024 **Tsitsifli, S.,** Kyriakidis, Th., Nielsen, V., Ratnaweera, H., Louta, M., **2024**, "Challenges in Water Supply and Wastewater Management in Greek islands", EWA-IWA Water Management in Changing Climates Conference.14-15 May 2024, Munich, Germany

B. National (Greek)

1. 2007 Tsitsifli S., Kanakoudis V., Bakouros I., 2007, "Use of the discriminant analysis and classification method for the reliability assessment of networks", 6th National Conference of EEDYP, pp. 251-260 Chania 2008 2. Blanas G., Tsitsifli S., 2008, "Belbin profile and academic performance", National Conference of Economic Management, Larisa, 4-5 July 3. 2009 Kanakoudis V., Tsitsifli S., 2009, "Indicators for the determination of the operational level of water supply networks – The IWA standard", Joint National Conference 11th EYE & 7th EEDYP, (edited" A. Liakopoulos, V. Kanakoudis, E. Partheniou – Anastasiadou, V. Tsihrintzis), Volume I, pp. 253-260, Volos 4. 2009 Tsitsifli S., Kanakoudis V., 2009, "Public-Private Partnerships in the provision of urban water services: experience and developments", Joint National Conference 11th EYE & 7th EEDYP, (edited" A. Liakopoulos, V. Kanakoudis, E. Partheniou – Anastasiadou, V. Tsihrintzis), Volume I, pp. 253-260, Volos Tsitsifli S., Kanakoudis V., 2009, "Water Resources Management in the EU: The Latest 5. 2009 developments", Joint National Conference 11th EYE & 7th EEDYP, (edited" A. Liakopoulos, V. Kanakoudis, E. Partheniou – Anastasiadou, V. Tsihrintzis), Volume I, pp. 253-260, Volos 6. 2009 Kanakoudis V., Tsitsifli S., 2009, "Financing Public Infrastructure Projects today: the latest development in the drinking water services sector", 1st Panhellenic Scientific Conference in Applied Economics, Volos, 26-28 November 7. 2012 Papadopoulou A., Kanakoudis V., Tsitsifli S., Koloptas V., 2012, "Carbon Footprint and Water Footprint in the Drinking Water Supply Chain: Water and Energy Autonomy", 1st Environmental Conference of Thessaly, e-proceedings (Ed.: A. Koungolos, O. Chrostopoulou, C. Laspidou), pp. 363-368 (ISBN 978-960-6865-50-3), Skiathos, 8-10 September Kanakoudis V., Tsitsifli S., 2012, "The role of Minimum Charge in Designing Strategies for 2012 8. the Reduction of Non-Revenue Water", 2nd Joint Conference EYE-EEDYP "Integrated Water Resources Management Towards Sustainable Development", pp. 227-239, Patra, 11-13 October 9. 2012 Kanakoudis V., Tsitsifli S., Samaras, P., Zouboulis A., 2012, "Integrated Approach for the reduction of the Non-Revenue Water in Water Supply Networks", 2nd Joint Conference EYE-EEDYP "Integrated Water Resources Management Towards Sustainable Development", pp. 1111-1122, Patra, 11-13 October 2015 Kanakoudis V., Tsitsifli S., 2015, "The role of charging the Minimum Charge in the designing 10. of Socially Fair Pricing Policies", 3rd Joint Conference EYE-EEDYP-EYS "Integrated Water Resources Management in the new Era", pp. 901-909, Athens, 10-13 December 11. 2015 Tsitsifli S., Kanakoudis V., Demetriou G., 2015, "Developing a Decision Support System for the reduction of Non-Revenue Water", 3rd Joint Conference EYE-EEDYP-EYS "Integrated Water Resources Management in the new Era", pp. 901-909, Athens, 10-13 December

12. 2018 Papavasiliou Z., **Tsitsifli S.**, Klokotaras K., Baxvanou A., Ntoufas L., Skoutaras T., **2018**, "Pinios River "in crisis"", *International Conference "Pinios River: source of life and development in Thessaly"*, *Larissa*, *2-3 November*

Course Books/Scientific Books

Kallipos

 2015 Kanakoudis V., Tsitsifli S. (2015) "Integrated Management of Urban Water Supply Networks", [e-book] Athens: Association of Greek Academic Libraries, Available at: http://hdl.handle.net/11419/3415

Acknowledgement of Scientific Expertise

A. Awards - Distinctions - Scholarships- Patents

Patent entitled "Method and System for Leakage Detection in Water Supply Networks" (University of Western Macedonia), 05/03/2024, number 1010895. Hellenic Industrial Property Organization

Postdoctoral Research Fellowship (2017-2021) at the University of Thessaly, funded by S. Niarchos Foundation. Proposal selected among 80 proposals submitted

B. Citations/ h-index

Citations: 1.411 (Google Scholar)

h-index: 25 (Google Scholar)

Citations (excluding self-ciations): 632 (Scopus)

h-index: 16 (Scopus)

C. Reviewer in Scientific Journals

- 1. Water Resources Management, Springer since 2010
- 2. Desalination and Water Treatment, Taylor and Francis since 2013
- 3. Water Science and Technology: Water Supply, IWA Publishing since 2014
- 4. Water Quality, Exposure and Health, Springer since 2014
- 5. Water Supply Research and Technology AQUA, IWA Publishing since 2016
- 6. Fresenius Environmental Bulletin since 2016
- 7. Environmental Processes, Springer since 2016
- 8. Resources, Conservation and Recycling, Elsevier since 2016
- 9. Journal of Hydroinformatics, IWA Publishing since 2017
- 10. Journal of Water, Sanitation and Hygiene for Development since 2017
- 11. WATER, MDPI since 2018
- 12. Sustainability Journal, MDPI since 2018

- 13. H2Open Journal, IWA Publishing since 2018
- 14. Urban Science, MDPI since 2018
- 15. Open Waste Journal since 2018
- 16. Geosciences, MDPI since 2018
- 17. Processes, MDPI since 2019
- 18. Journal of Cleaner Production, Elsevier since 2019
- 19. International Journal of Environmental Research and Public Health, MDPI since 2019
- 20. Energies, MDPI since 2019
- 21. Environmental Monitoring and Assessment, Springer since 2019
- 22. Applied Sciences, MDPI since 2020
- 23. Environmental Science and Pollution Research since 2020
- 24. Science of the Total Environment, Elsevier since 2020
- 25. Hydrology, MDPI since 2021
- 26. Journal of Water Resources Planning and Management ASCE since 2021
- 27. AQUA Water Infrastructure, Ecosystems and Society, IWA Publishing since 2021
- 28. Urban Water Journal, Taylor & Francis since 2022
- 29. Applied Water Scienced since 2022

D. Member of Conference Scientific and Organizing Committees

- Secretariat of the Organizing Committee of the conference 1st EWaS-MED International Conference on "Improving Efficiency of Water Systems in as changing natural and financial environment", 11-13 April 2013, Thessaloniki
- Member of the Scientific Committee of the Conference 4th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2013) & SECOTOX, Mykonos, 24-28 June 2013
- Member of the Scientific Committee of the Conference 12th International Conference on Protection and Restoration of the Environment (PRE XII), Skiathos, June 29 – July 3, 2014
- Member of the Scientific Committee of the Conference 5th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2013) & SECOTOX, Mykonos, 2015
- Secretariat of the Organizing Committee of the conference 2nd EWaS International Conference on "Efficient & Sustainable Water Systems Management toward Worth Living Development", 1-4 June 2016, Chania
- **Secretariat** of the Organizing Committee of the conference 3rd EWaS International Conference on "Insights on the Water-Energy-Food Nexus", 27-30 June 2018, Lefkada
- **Secretariat** of the Organizing Committee of the conference 4th EWaS International Conference on "Valuing on the Water, Carbon, Ecological Footprints of human activities", 24-27 June 2020, online
- **Secretariat** of the Organizing Committee of the conference 5th EWaS International Conference on "Water Security and Safety Management: emerging threats or new challenges? Moving from Therapy and Restoration to Prognosis and Prevention", 12-15 July 2020, Naples, Italy

E. Member of other	Scientific Committees	or Professional	Associations

1995 - today	Member of the Technical Chamber of Greece (T.C.G.) (Chemical Engineer)
1996-today	Association of MBAs

2010 - today	Member of Hellenic Hydrotechnical Association	
	International Water Association (IWA)	
	European Water Resources Association (EWRA)	
2017-today	Coordinator of the Permanent Committee of Environment, Energy and Climate Change at the Technical Chamber of Greece, regional department of Central and Western Thessaly	
2019-today	Member (elected) of the Steering Committee of the Technical Chamber of Greece, regional department of Central and Western Thessaly	
2019-σήμερα	Member (elected) of the Delegation of the Technical Chamber of Greece, regional department of Central and Western Thessaly	

Thessaloniki, July 2025