
STAVROULA TSITSIFLI

Chemical Engineer, PhD Mechanical Engineering Department, University of
Western Macedonia

✉ Rousvelt 24, GR412 22 Larisa, ☎ +30 2410 531397, 6932 306314 📠 +30 2410 531397
e-mail: stitsifli@uowm.gr, tsitsif@otenet.gr

1. PERSONAL INFORMATION

- **Name** : Stavroula Tsitsifli
- **Date & place of birth** : 20 February 1971 – Larisa, Greece
- **Family status** : Married with two children
- **Present Position** : -Adjunct Academic Staff at the Postgraduate Programme “Quality Management and Technology” at the Hellenic Open University
- Post-Doctoral Researcher (St. Niarchos foundation fellow) at the Civil Engineering Department, University of Thessaly

2. EDUCATION

- University Studies** Chemical Engineering Department, Aristotle University of Thessaloniki, Greece
1988-1994: Graduation date: 21/3/1994, grade “8”
Diploma Thesis (supervisor Prof. K. Kiparissides), entitled “Experimental and theoretical study of the stabilization of VCM drops or standard monomer at the presence of a polymer stabilizers”, Grade “Excellent-10”
- Postgraduate Studies** MBA, City University Business School, London.
1994-1995: Graduation date: 24/11/1995.
Postgraduate thesis (supervisor Prof. Matthew Last), entitled: “How should small businesses develop export markets – using the western European leather industry as a case study?”
- Postgraduate Studies** Postgraduate Diploma in Specialization in Production Management & Industrial Administration, Mechanical Engineering Department, University of Thessaly.
1999-2000: Graduation date: 31/10/2001, grade “Excellent-9.45”
Master Thesis (supervisor Assoc. Prof. Y. Bakouros), entitled: “Reliability prediction using the program Minitab Release 13”, Grade “Excellent-10.”
- Doctoral Studies** PhD Thesis at the Department of Mechanical Engineering, University of Western Macedonia
2004-2010: (supervisor Assoc. Prof. Y. Bakouros, co-supervisor Lect. V. Kanakoudis), entitled: “Reliability Assessment and Performance Evaluation of Water Pipe Networks”. Grade “Excellent-10”
- Post-Doctoral Research** Post-Doctoral Research at the Department of Civil Engineering, University of Thessaly. Title of Post-Doctoral Research: “Development of an Early Warning System for drinking water security in water supply networks”. Scientific responsible and Supervisor: Assoc. Prof. V. Kanakoudis.
2017-2020: Fellowship for Post-Doctoral Research – funding Stavros Niarchos Foundation.

3. FOREIGN LANGUAGES

ENGLISH excellent, FRANCH very good, ITALIAN good & SPANISH mediocre

4. TEACHING EXPERIENCE

4.1. Teaching Experience at the University of Western Macedonia

Teaching at the Department of Environmental Engineering

2017 - 2018: Teaching at the undergraduate programme of studies of the Department of Environmental engineering, University of Western Macedonia, source “Hydraulics”, Winter semester

4.2. Teaching Experience at the University of Thessaly

4.2.1. Undergraduate Programme of Studies

Teaching at the Department of Civil Engineering

- 2013 - 2017: Supplementary teaching (as scientific collaborator of Assoc. Prof. V. Kanakoudis) at the undergraduate programme of studies of Civil Engineering Department, University of Thessaly, course: “Water Resources Systems”, winter semester
- 2013 – 2014: Co-teaching at the undergraduate programme of studies of Civil Engineering Department, University of Thessaly, course: “Environmental Planning of Works” (co-teaching with the department of Planning and Regional Development)
- 2010 - 2011: Adjunct Lecturer (P.D. 407/80) at the undergraduate programme of studies of Civil Engineering Department, University of Thessaly, course: “Economic Theory and Policy”, winter semester

Teaching at the Department of Planning and Regional Development

- 2015 - 2018: Co-teaching at the undergraduate programme of studies of Department of Planning and Regional Development, University of Thessaly, course: “Environmental Engineering and Management”, winter semester
- 2011 - 2014: Teaching at the undergraduate programme of studies of Department of Planning and Regional Development, University of Thessaly, course: “Environmental Impacts Assessment”

4.2.2. Postgraduate Programme of Studies

Teaching at the Department of Civil Engineering

- 2013 - 2014: Supplementary teaching (as scientific collaborator of the Assoc. Prof. V. Kanakoudis) at the postgraduate programme “Simulation and Management of Civil Engineering Works” in Civil Engineering Dept., University of Thessaly, Course: “Environmental Policy and Water Resources Economics” spring semester
- 2013 - 2014: Supplementary teaching (as scientific collaborator of the Assoc. Prof. V. Kanakoudis) at the postgraduate programme “Simulation and Management of Civil Engineering Works” in Civil Engineering Dept., University of Thessaly, Course: “Management and simulation of Water Supply Systems”, winter semester
- 2010 - 2012: Co-teaching (as scientific collaborator of the Assoc. Prof. V. Kanakoudis) at the postgraduate programme “Simulation and Management of Civil Engineering Works” in Civil Engineering Dept., University of Thessaly, Course: “Environmental Policy and Water Resources Economics” spring semester
- 2010 - 2012: Co-teaching (as scientific collaborator of the Assoc. Prof. V. Kanakoudis) at the postgraduate programme “Simulation and Management of Civil Engineering Works” in Civil Engineering Dept., University of Thessaly, Course: “Management and simulation of Water Supply Systems”, winter semester

Teaching at the Department of Planning and Regional Development

- 2013 - 2015: Co-teaching in postgraduate programme of Department of Planning and Regional Development “Spatial Analysis and Environmental Management”. Course: “Wastewater and Waste management”, spring semester

4.3. Teaching Experience at the Hellenic Open University (Postgraduate Programme)

- 2013 – 2014 & 2015 - 2018: Adjunct Academic Staff at Hellenic Open University for the postgraduate programme “Quality Assurance” and the Course Module “Special topics on Quality” (DIP61)
- 2013 – 2018: Adjunct Academic Staff at Hellenic Open University for the postgraduate programme “Quality Assurance” – Supervision of 10 diploma theses (10 concluded)

4.4. Teaching Experience at the Technological Education Institute of Thessaly TEI of Thessaly, 1997 – 2013 & 2016 – 2017)

2016 – 2017: Scientific Associate at the Department of Business Administration. Course: “Operations Management” (6th semester)

1997 - 2013: Scientific Associate at the Department of Business Administration, the Department of Accounting and the Department of Project Management.

2007-2008: Teaching of entrepreneurship course in the context of the project **«Encouragement of Entrepreneurship activities, Innovative Applications and Elective Courses for the students of TEI of Larissa – Lamia “PLEASE ENTER”»**. Courses: “Practical topics in business start ups” (for 2 semesters) and “Entrepreneurship in Informatics and Communications” (for 1 semester). Educational material; development. Mentoring services provided.

5. RESEARCH EXPERIENCE

5.1. Fields of scientific interest

Theoretical and Applied studies in the fields of: Analysis and Management of Drinking Water Supply Systems, Management of Water Distribution Networks, Reliability Engineering and Management of Water Supply Systems and Pipe Networks, Prediction of abnormal events – Risk and Hazard Analysis, Water Resources (ground- and surface water), Environmental Impacts Assessment, Water Resources Economics, Environmental Policy, Water and Carbon Footprint. Specifically, the fields of interests are:

- Analysis and Management of Water Supply & Water Distribution Systems (tracking, detection, monitoring, identification, and facing water leaks and breaks, troubleshooting manual for handling operational problems in water pipe networks)
- Analysis and Management of water resources system under qualitative and quantitative degradation (simulation, optimization, protection and restoration measures)
- Drinking Water Security, Safety and Quality Analysis
- Reliability Analysis and Maintenance – Simulation – Mathematic modelling – Maintenance
- Wastewater management
- WFD 2000/60/EC implementation process progress auditing and evaluation (ex-ante, on-going, ex-post) - Full Water Cost Analysis, Pollution Pays Principle - Water pricing based on the WFD
- Performance Indicators (Hazard, risk, reliability, availability, vulnerability analysis) of Water Supply & Water Distribution Systems
- Environmental Impacts Assessment Analysis, Cost benefit and Sustainability-viability analysis of interventions and water works
- Water and Carbon Footprint
- Public Private Partnerships regarding the construction of water works

5.2. Participation in Research Projects (total: 14)

Research team member (total: 14)

E.E.1. “Performance evaluation of the water distribution networks of the municipal districts of Eani and Krokos of DEYA Kozani and investigation of the sustainability point between efficient and reciprocal use of the water distribution network of DEYA Kozani implementing new technologies”

E.E.2. “Networking for Drinking Water Supply in Adriatic Region – DRINKADRIA”, 1o STR/0004”, IPA Adriatic project

E.E.3. “Physicochemical Analyses of wastewater and sludge of the wastewater treatment plant of Municipality of Tirnavos”

E.E.4. “Environmental Planning”

E.E.5. “Wastewater analyses for companies”

E.E.6. “Seminars organization” at the Innovation and Entrepreneurship Unit of the TEI of Thessaly. “Entrepreneurship and Environmental Policies”

- E.E.7. “Technical and scientific support service to be developed within the project WATERLOSS: Management of water losses in a drinking water supply system - MED PROGRAMME” - DEYA Kozanis
- E.E.8. “Technical and scientific support service to be developed within the project WATERLOSS: Management of water losses in a drinking water supply system - MED PROGRAMME” – Water Board of Nicosia
- E.E.9. “Technical and scientific support service to be developed within the project WATERLOSS: Management of water losses in a drinking water supply system - MED PROGRAMME”, Autorita di Bacino dei fiumi Liri – Garigliano e Volturno
- E.E.10. “Sustainable InteGral Management Approaches for Water areas – SIGMAforWATER”, INTERREG IVC project
- E.E.11. “WATER LOSS - Management of water losses in a drinking water supply system”, MED project
- E.E.12. “Evaluation of Kos Town water distribution network, developing models to monitor and control water losses”
- E.E.13. “Assessing the performance indicators of the water distribution network in Kos town, based on the IWA methodology”
- E.E.14. “Applying the DAC (Discriminant Analysis & Classification) method to assess the reliability of pipe networks”

5.3. Participation in Research Projects / Development of Educational material / Conference (total: 3)

- E.Δ.1. "Development of digital courses" implementing in the context of the project "OPEN COURSES OF UNIVERSITY OF THESSALY"
- E.Δ.2. "Integrated Service of Greek Repository of Academic Electronic Books" - "HELLENIC ACADEMIC ELECTRONIC BOOKS"
- E.Δ.3. «2nd International Conference: EWaS "Efficient & Sustainable Water Systems Management toward Worth Living Development" 1-4 June 2016»

6. OTHER SCIENTIFIC ACTIVITIES

6.1. Editorships

1. Conference Proceedings 1st EWAS-MED International Conf. “Improving the efficiency of water systems in a changing natural and financial environment”, (A. Zouboulis, P. Samaras, V. Kanakoudis, S. Tsitsifli), Thessaloniki, 2013.
2. Guest Editor at the Special Issue of Desalination and Water Treatment Journal, Taylor and Francis. Zouboulis A., Samaras P., Kanakoudis V., **Tsitsifli S.**, 1st EWAS-MED International Conference on Improving Efficiency of Water Systems in a Changing Natural and Financial Environment 11-13 April **2013**, Thessaloniki, Greece, Desalination & Water Treatment, Special Issue, 54(8): 2057-2342 (286 pages), Taylor & Francis, **EDITORIAL** 54(8): 2057-2058, **2015**
3. Guest Editor at the Special Issue of WATER journal, MDPI entitled «Water Networks Management: New Perspectives» http://www.mdpi.com/journal/water/special_issues/water_networks_management
4. Guest Editor at the Special Issue of Environmental Processes Journal, Springer. Kanakoudis V., **Tsitsifli S.**, Tsihrintzis V., “Efficient and Sustainable Water Systems Management toward Worth Living Development”, **2017**.

6.2. Member of Organizing and Scientific Committees of Conferences

1. Secretary of the Organizing Committee of the 1st EWAS-MED International Conference on “Improving Efficiency of Water Systems in as changing natural and financial environment”, 11-13 April 2013, Thessaloniki, Greece

2. Scientific Committee member of the 4th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2013) & SECOTOX, Myconos island, 24-28 June 2013
3. Scientific Committee member of the 12th International Conference on Protection and Restoration of the Environment (PRE XII), Skiathos, June 29 – July 3, 2014
4. Scientific Committee member of the 5th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2013) & SECOTOX, Myconos island, 2015
5. Secretary of the Organizing Committee of the 2nd EWaS International Conference on “Efficient & Sustainable Water Systems Management toward Worth Living Development”, 1-4 June 2016, Chania, Crete
6. Secretary of the Organizing Committee of the 3rd EWaS International Conference on “Insights on the Water-Energy-Food Nexus”, 27-30 June 2018, Lefkada island

7. RECOGNITION OF SCIENTIFIC WORK

Reviewer in International Scientific Journals (49 reviews)

Reviewer in International and National scientific conferences (5 conferences)

8. PUBLISHED WORK

Total: 4 theses, 1 book and 82 papers.

- 4 theses (Diploma, Postgraduate and Doctoral) at Universities
- 1 Book
- 27 papers in International peer-reviewed Scientific Journals
- 6 papers in International and National Special Editions and Technical Journals
- 49 papers in Conference Proceedings
 - 38 papers in International Scientific Conferences Proceedings
 - 11 papers in National Scientific Conferences Proceedings

8.1. Books (total: 1)

Kanakoudis V., **Tsitsifli, S.** (2015) «Integrated Management of Urban Water Distribution Networks», [electr. book.] Athens: Hellenic Academic Libraries Link. Available at: <http://hdl.handle.net/11419/3415> (in Greek)

8.2. Papers in International Peer-reviewed Scientific Journals (total: 27)

Selected papers

- B-1. **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.
- B-2. 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.
- B-3. **S. Tsitsifli**, V. Kanakoudis, I. Bakouros, **2011**, “Pipe networks Risk Assessment based on Survival Analysis”, *Water Resources Management, Springer*, 25 (14), pp. 3729-3746 DOI 10.1007/s11269-011-9881-3.
- B-4. Kanakoudis V., **Tsitsifli S.**, **2011**, “Water pipe network reliability assessment using the DAC method”, *Desalination & Water Treatment*, 33(1-3), pp.97-106.
- B-5. 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
- B-6. 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”, *Desalination & Water Treatment*, 39 (1-3), pp.323-335.

- B-7. 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", *Desalination & Water Treatment*, 51 (13-15), pp.2994-3010
- B-8. 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", *Water Science and Technology: Water Supply, IWA*, 13(4), pp. 939-950, doi:10.2166/ws.2013.044
- B-9. Kanakoudis V., **Tsitsifli S.**, Zouboulis A., **2015**, "WATERLOSS project: developing from theory to practice an integrated approach towards NRW reduction in urban water systems", *Desalination & Water Treatment, Taylor&Francis*, 54(8), pp.2147-2157, DOI: 10.1080/19443994.2014.934114
- B-10. 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?", *Desalination & Water Treatment, Taylor&Francis*, 54(8), pp.2170-2180, DOI: 10.1080/19443994.2014.934119
- B-11. Kanakoudis V., **Tsitsifli S.**, Samaras, P., and Zouboulis, A.I., **2015**, "Water Pipe Networks Performance Assessment: Benchmarking eight cases across the EU Mediterranean Basin", *Water Quality Exposure and Health*, 7(1), pp. 99-108, DOI 10.1007/s12403-014-0113-y
- B-12. Kanakoudis V., **Tsitsifli S.**, Cerk, M., Banovec, P., Samaras, P., Zouboulis, A.I, **2015**, "Basic Principles of a DSS Tool developed to prioritize NRW Reduction measures in Water Pipe Networks", *Water Quality Exposure and Health*, 7(1), pp.39-51, DOI 10.1007/s12403-014-0111-y
- B-13. Kanakoudis V., **Tsitsifli S.**, Azariadi T., **2015**, "Overview of the River Basin Management Plans developed in Greece under the context of the Water Framework Directive 2000/60/EC focusing on the economic analysis", *Water Resources Management, Springer*, 29(9), pp. 3149-3174, DOI: 10.1007/s11269-015-0988-9
- B-14. Kanakoudis V., **Tsitsifli S.**, Demetriou G., **2016**, "Applying an integrated methodology towards Non-Revenue Water reduction: the case of Nicosia, Cyprus", *Desalination & Water Treatment, Taylor & Francis*, 57(25), pp. 11447-11461, DOI:10.1080/19443994.2015.1048537
- B-15. Kanakoudis 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", *Procedia Engineering, Elsevier*, 162C, pp. 486-493, 10.1016/j.proeng.2016.11.092
- B-16. Kanakoudis V., **Tsitsifli S.**, Papadopoulou A., Cencur Curk B., Karleusa B., **2017**, "Water Resources Vulnerability Assessment in Adriatic Sea region: the case of Corfu Island", *Environmental Science and Pollution Research, Springer*, 24(25), pp. 20173-20186, <https://doi.org/10.1007/s11356-017-9732-8>
- B-17. **Tsitsifli S.**, Gonelas K., Papadopoulou A., Kanakoudis V., Kouziakis C. and Lappos S., **2017**, "Socially fair drinking water pricing considering the Full Water Cost recovery principle and the Non-Revenue Water related cost allocation to the end users", *Desalination and Water Treatment*, (**in press**)
- B-18. Kanakoudis V., Papadopoulou A., **Tsitsifli S.**, Altran E., Cencur Kurk B., Karleusa B., Matic B., Banovec P., **2017**, "Policy recommendation for drinking water supply cross-border networking in the Adriatic region", *Journal of Water Supply: Research and Technology – AQUA, IWA Publishing*, (**in press**)

8.3. Papers in International and National Special Editions and Technical Journals (total: 6)

International

- Δ-1. **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.
- Δ-2. 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

8.4. Papers in International Conference Proceedings after peer-review (total: 38)

Selected papers

- E-1. **Tsitsifli S.**, Kanakoudis V., Bakouros Y., **2006**, "Pipe reliability assessment using discriminant analysis and classification: a case study from Mexico", *Int. Conf. "Protection and Restoration of the Environment VIII"*, (eds. E.Gidarakos, N.Nikolaidis, C.Christodoulatos) CD-proceedings, Chania, Greece.
- E-2. **Tsitsifli S.**, Kanakoudis V., Bakouros Y., **2006**, "Reliability assessment using the DAC method", *7th Int. Conf. "Hydroinformatics – HIC 2006"*, (eds. P. Goubesville, J. Cunge, V. Guinot, S. Y. Liong), CD-proceedings, Nice, France.
- E-3. **Tsitsifli S.**, Kanakoudis V., Bakouros I., **2007**, "Reliability assessment in pipe networks based on critical Z-scores", *1st Int. Conf. on Environmental Management, Planning & Engineering (CEMEPE), & SECOTOX*, (eds: A. Kungolos, K Aravossis, A. Karagiannidis, P. Samaras), Skiathos, Greece.
- E-4. Kanakoudis V. **Tsitsifli S.**, **2007**, "Reliability assessment & data classification using discriminant functions & factor analysis", *Int. Conf. "Water Loss 2007"*, IWA, (eds: V.Ciomos, E.Demetrescu, S.Lacatusu, R.H.Bubuianu), Vol. III, pp 836-845, Bucharest, Romania.
- E-5. **Tsitsifli S.**, Kanakoudis V., Bakouros Y., **2008**, "Using the discriminant analysis and classification method to predict pipe failures with a time step", *Int. Conf. "Protection & Restoration of the Environment IX"*, CD-proceedings, Kefalonia, Greece.
- E-6. **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.
- E-7. Kanakoudis V., **Tsitsifli S.**, **2009**, "Calculating the Water Balance and the Related Performance Indicators for an Urban Water Supply Network in Greece", *Int. Conf. "Water Loss"*, IWA, CD-Proceedings, Cape Town, South Africa.
- E-8. **Tsitsifli S.**, Kanakoudis V., **2009**, "Evaluating the performance of an urban water distribution network: tips and tricks for troubleshooting", *7th Int. Conf. EWRA "Water Resources Conservation & Risk Reduction Under Climatic Instability"*, (ed: S. Christodoulou), pp 419-426, Lemessos, Cyprus.
- E-9. Kanakoudis V., **Tsitsifli S.**, **2010**, "Water volume vs. revenues oriented water balance calculation for urban water networks: the "Minimum Charge Difference" component makes a difference!", *Int. Conf. "Water Loss"*, IWA, Sao Paulo, Brazil, 6-9 June.
- E-10. Kanakoudis V. and **Tsitsifli S.**, **2010**, "Evaluating the performance level of a water distribution network under unbalanced operating conditions-the case of Kos town (GR)", *6th International Symposium on Environmental Hydraulics*, Athens, 23-25 June.
- E-11. **Tsitsifli S.** and Kanakoudis V., **2010**, "Presenting a New User-Friendly Tool to Assess the Performance Level & Calculate The Water Balance of Water Networks", *PRE10 International Conference*, Corfu, Greece, 5-9 July.
- E-12. **Tsitsifli S.**, Kanakoudis V., **2011**, "Water distribution system performance assessment: benchmarking three Greek cases using a modified water balance methodology", *6th Int. Symp. EWRA2011, Water Engineering and Management in a Changing Environment*, (Eds. A. Cancelliere, G. Rossi), Catania, Italy, 29 June-2July.
- E-13. Kanakoudis V., **Tsitsifli S.**, Samaras P., Arabatzis S., Banovec P., Zoumpoulis A., Argyriadou I., **2011**, "Designing a user friendly EDSS tool for NRW reduction strategies prioritization: Developing a new set of Performance Indicators focused on the Mediterranean area", *Int. Conf "CEMEPE2011*, (Eds. A. Kungolos, A. Karagiannidis, K. Aravossis, P. Samaras, K.W. Schramm), pp.219-225, Skiathos, Greece, 19-24 June.
- E-14. 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", *4th International Conference on Water Loss Reduction in Water Supply Systems organized by the Bulgarian Water Association*, Sofia, Bulgaria, 14-15 November, 2011.
- E-15. Kanakoudis V., **Tsitsifli S.**, Zouboulis A., Samaras P., Banovec P. and Doufas A., **2011**, "Integrating the WB/PI Calc-UTH Water Audit Tool based on a modification of the IWA Standard Water Balance, into a DSS for NRW reduction strategies prioritization", *4th International Conference on Water Loss*

Reduction in Water Supply Systems organized by the Bulgarian Water Association, Sofia, Bulgaria, 14-15 November.

- E-16. Kanakoudis V., **Tsitsifli S.**, Samaras P., Banovec P., Zouboulis A., and Argyriadou I., **2012**, "Benchmarking Six Mediterranean Water Pipe Networks Performance Assessment Results Highlighting the Role of the Management Practices Applied by the Local Water Utilities", *WATERLOSS EUROPE 2012 International Conference, Ferrara, Italy, May 23-25*
- E-17. Kanakoudis V., **Tsitsifli S.**, Samaras P., Banovec P., Zouboulis A., and Argyriadou I., **2012**, "Water distribution system performance level integrated evaluation using new Performance Indicators based on a modified IWA Water Balance", *10th International Conference on Hydroinformatics, HIC2012, Hamburg, Germany, 14-18 July.*
- E-18. Kanakoudis V., **Tsitsifli S.**, Samaras P., Zouboulis A., **2013**, "Urban Water Distribution Networks performance assessment: comparing eight cases from Cyprus, Greece, Italy, France and Spain, located within the EU Mediterranean Basin", *IPWE2013 6th International Perspective on Water Resources & the Environment, Izmir, Turkey, 7-9 January*
- E-19. Kanakoudis V., Cerk, M., Banovec, P., **Tsitsifli S.**, Samaras, P., Zouboulis, A., **2013**, "Developing a DSS tool to merge the gap between a water pipe network's NRW level assessment and the prioritization of the potential healing measures", *IPWE2013 6th International Perspective on Water Resources & the Environment, Izmir, Turkey, 7-9 January*
- E-20. Kouziakis C., Kanakoudis V., **Tsitsifli S.**, Doufas A., Lappos S., **2013**, "Assessing the NRW level in the city of Kozani, Greece: the decisive role of the fixed charge in the water tariffs", *1st EWaS-MED International Conference on "Improving Efficiency of Water Systems in a changing natural and financial environment", (Eds. A. Zouboulis, P. Samaras, V. Kanakoudis, S. Tsitsifli), Thessaloniki, 11-13 April*
- E-21. Kanakoudis V., **Tsitsifli S.**, Demetriou G., Samaras P., Zouboulis A., **2013**, "Presenting a new set of indicators for urban water pipe networks performance assessment: from theory to practice", *IWA 3rd International Conference on Water Economics, Statistics and Finance, Marbella, Spain, 24-26 April*
- E-22. Kanakoudis V., **Tsitsifli S.**, G. Demetriou, **2014**, "Applying Non-Revenue Water reduction measures to improve the performance of a water distribution network: the case of Nicosia, Cyprus", *Proceedings of the 12th International Conference on Protection and Restoration of the Environment – PRE12 (Eds: A. Liakopoulos, A. Kungolos, C. Christodoulatos, A. Koutsospyros), pp. 231-239, Skiathos island, Greece, 29 June – 4 July, (ISBN: 978-960-88490-6-8)*
- E-23. Kanakoudis V., **Tsitsifli S.**, **2014**, "Verifying the usefulness of the IWA Water Balance 2nd modification: pinpointing the actual role of the fixed charge included in the water tariffs", *Proceedings of the 12th International Conference on Protection and Restoration of the Environment – PRE12 (Eds: A. Liakopoulos, A. Kungolos, C. Christodoulatos, A. Koutsospyros), pp. 240-247, Skiathos island, Greece, 29 June – 4 July, (ISBN: 978-960-88490-6-8)*
- E-24. **Tsitsifli S.**, Kanakoudis V., **2017**, "Drinking water quality and safety assessment - a review", *Proceedings of the 6th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) and to the SECOTOX Conference (Eds: A. Kungolos, C. Laspidou, K. Aravossis, P. Samaras, K.W. Schramm, G. Marnellos), pp. 403-416, ISBN:978-618-5271-15-2, Thessaloniki, Greece, 25-30 June*

9. PROFESSIONAL WORK

- December 1999 – today: Chemical Engineer (technico economic studies; environmental studies)
- December 2013: Seminar "Entrepreneurship and Environmental Policies" in TEI of Thessaly - 15 hours and development of educational material
- June 2004 – March 2016: Responsible for the Quality System ISO 9001:2000 in "Antonios Tsitsiflis S.A."
- December 2004 - November 2009: President of the company "Antonios Tsitsifli S.A."
- November 1995-December 1999: General Director in the company "Antonios Tsitsifli"

10. ADMINISTRATIVE WORK

- Member of the Laboratory of Hydromechanics and Environmental Engineering (Director: Prof. A. Liakopoulos) Civil, Eng., Dept., University of Thessaly
- Scientific colaborator of Assoc. Prof. V. Kanakoudis, Civil Engineering Department, University of Thessaly

11. CITATIONS (excluding self-citations): 215