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## **1. CURRENT POSITION**

**Associate Professor (Topic: Water Resources and Fresh Water Networks Management), Civil Engineering Dept., University of Thessaly, Greece**

## **2. STUDIES**

- Diploma in Civil Engineering (grade 93,6%) at the Aristotle University of Thessaloniki (1988-1993), Thesis in the field area of Water Resources Management (Division of Hydraulics & Environmental Engineering) "Water resources management – Optimization techniques for the protection and restoration of confined aquifers".
- Phd in Civil Engineering at the Aristotle University of Thessaloniki (1994-1998), Phd Thesis in the field area of Water Resources, Water Supply and Water Distribution Systems Management (Division of Hydraulics & Environmental Engineering) "The role of failure events in developing preventive maintenance and replacement criteria for water supply and distribution pipes"

## **3. SCHOLARSHIPS**

- 1988-1993: IKY, Institution of National Scholarships
- 1988-1993: TEE, Technical Chamber of Greece
- 1993: IKY, Institution of National Scholarships for achieving the highest diploma grade among all students of Aristotle University of Thessaloniki
- 1988-1993: TEE, Technical Chamber of Greece for achieving the highest diploma grade among all students of Aristotle University of Thessaloniki

## **4. HONORS**

- 2015: ASCE OUTSTANDING REVIEWER 2014
- 2014: University of Thessaly Research Committee for his high records regarding Funded Projects for the period 2008-13 (ranked 7<sup>th</sup> among the 440 academic staff members of the University of Thessaly)
- 2014: University of Thessaly Research Committee "I am speaking about my University" ([www.uth.gr/news/1943-20131128-kanakoudi](http://www.uth.gr/news/1943-20131128-kanakoudi)) & ([liaison.uth.gr/index.php/el/info/talking-about-uth/170-talking-for-uth/84-2013-12-03-13-01-39](http://liaison.uth.gr/index.php/el/info/talking-about-uth/170-talking-for-uth/84-2013-12-03-13-01-39))

## **5. COURSES**

- Water Resources Systems (Civ. Eng Dept. - undergraduate)
- Groundwater hydraulics (Civ. Eng Dept. - undergraduate)
- Open Channels hydraulics (rivers, torrents, aqueducts)

## **6. THESIS SUPERVISED**

- PhD Thesis: 2 concluded + 2 on-going
- MSc Thesis: 3 concluded + 1 on-going
- Diploma Thesis: 26 concluded + 2 on-going

## **7. THESIS EXAMINED**

- PhD Thesis: 5
- MSc Thesis: 6
- Diploma Thesis: 7

## **8. SCIENTIFIC RESEARCH INTERESTS**

Applied studies in the field of Water Resources (ground- and surface water), Water Supply & Water Distribution Systems Analysis & Management emphasizing in Environmental Economics, forecast of abnormal events & failures, Risk Analysis,

Conservation of Natural, Social and Economic Resources within the frame of Inter/Intra-sustainable, and worth living development. Specifically the fields of interests are:

- 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
- Water Resources Systems Analysis & Management (simulation and optimization techniques).
- Groundwater Resources Systems Analysis & Management (simulation and optimization techniques, protection & restoration measures) under environmental degradation conditions (qualitative and quantitative) degradation conditions
- Performance Indicators (Hazard, risk, reliability, availability, vulnerability analysis) of Water Supply & Water Distribution Systems
- Impact Assessment Analysis (extreme conditions) in economic and environmental terms
- Crisis Analysis of Water Resources Systems under environmental degradation conditions
- Water conservation, reuse and recycling (urban, industrial, agricultural uses) programs (methods, measures, applications, Water Pricing Policy, Water Demand Management, home kit devices, hi-tech infrastructure).
- Water Supply & Water Distribution Systems Analysis & Management (tracking, detection, monitoring, identification, and facing water leaks and breaks, troubleshooting manual for handling operational problems in water pipe networks).
- Environmental Impact Assessment, Cost benefit and Sustainability-viability analysis of interventions and water works
- Public Private Partnerships regarding the construction of water works

## 9. COORDINATING RESEARCH PROJECTS

1. "Applying the DAC (Discriminant Analysis & Classification) method to assess the reliability of pipe networks", University of Thessaly Research Committee, 1.447,16€, 2007-08.
2. "Assessing the performance indicators of the water distribution network in Kos town, based on the IWA methodology". Water Utility of Kos Town, 8.925,00€, 2008-09.
3. "Technical Assistant of Magnesia Prefecture for EU funded proposed projects", Magnesia Prefecture, 95.200€, 2008-10
4. "Development and implementation of EMAS in the Magnesia Prefecture", Magnesia Prefecture, 130.900,00€, 2009-10
5. "Sustainable Development Plan on the Western Part of Kos Town», Kos Town Municipality, 200.000€, 2009-10.
6. "Sustainable Development Plan on the Peri-urban area of Kos Town» Kos Town Municipality, 100.000€, 2009-10.
7. "Evaluation of Kos Town water distribution network, developing models to monitor and control water losses" Water Utility of Kos Town, 22.015€, 2009-10
8. INTERREG IVC project: "SIGMA for Water - Sustainable Integrated Management Approaches for water areas", European Commission, 175.000€, 2011-13
9. "External Expert of Kozani city Water Utility (DEYAK) Partner in the MED project: WATERLOSS: Management of water losses in a drinking water supply system". Water Utility of Kozani, 30.135€, 2011-13
10. "External Expertise Services for Phase 3.1-Component 3 of the WATERLOSS project: Management of water losses in a drinking water supply system". Liri-Garigliano & Volturno River Basin Authority, 18.942€, 2012
11. "External Expert of the Water Board of Nicosia (WBN) Partner in the project: **WATERLOSS**: Management of water losses in a drinking water supply system", Water Board of Nicosia, 69,000€, 2012-13
12. "External Expertise Services for «Promoting the safe driving consciousness at local level in Greece and Bulgaria cross-border region-Promo Safe Driving (INTERREG GR-BG)», Municipality of Serres, 154.980€, 2012-14
13. "Developing the hydraulic simulation model of the water distribution network in the city of Kozani in order to minimize the water losses, under the framework of the MED project: WATERLOSS: Management of water losses in a drinking water supply system", Water Utility of Kozani, 50.177,85€, 2013
14. "Defining the optimal placement of PRVs in the water distribution network in the city of Kozani-Estimating the Full Water Cost and the water demand elasticity related to the price of water", Water Utility of Kozani, 8.610€, 2014
15. «Networking for Drinking Water Supply in Adriatic Region / IPA ADRIATIC project:", 16 Εταίροι, Χρημ.: European Commission/ IPA ADRIATIC, 334.000€ (άνευ ΦΠΑ), 2014-16

## **10. PARTICIPATION IN RESEARCH PROJECTS**

- "Water Resources Management in Macedonia & Thrace, Greece", Greek Ministry of Macedonia & Thrace, 1995-2000.
- "Urban water supply networks management – leak detection", PAVET project, General Secretariat of Research and Development - Greek Ministry of Development, 2001-03
- INTERREG IIIB CADSES project "TECNOMAN Perspectives". External Expert for Environmental Impact Assessment and PPPs, 2005-07
- INTERREG IIIC EAST project "INTERCO PPP – Interregional cooperation to exchange experience and knowledge concerning Public Private Partnerships", External Expert for PPPs, 2005-07
- INTERREG IIIB CADSES project "UTN II – Urban Technology Networks II", External Expert for Environmental Impact Assessment and PPPs, 2006-07
- INTERREG IIIC EAST project "REREGIONS – Reclamation and Utilization of brown coal mining areas in Europe". External Expert for Environmental Impact Assessment, 2006-07.
- INTERREG IIIB CADSES project «RARE». External Expert for Environmental Impact Assessment and Public Private Partnerships projects, 2006-07.
- INTERREG IIIC SOUTH project "PROGRESDEC", Environmental Impact Assessment External Expert, 2006-08
- INTERREG IIIB MEDOCC project "OBSIND", External Expert for Environmental Impact Assessment, 2006-08

## **11. MEMBER OF SCIENTIFIC ASSOCIATIONS**

- Member of International Water Association Water Loss Task Force-Repair or Replace Initiative (Chaired by Mrs. J. Parker)
- Member of the European Water Association – EWRA
- Member of the Hellenic Hydro-technical Association (EYE)
- Member of the Hellenic Association of Water Resources Management (EEDYP)

## **12. EDITORSHIPS**

1. **Guest Editor** Desalination & Water Treatment Journal (Taylor & Francis) Special Issue, "Managing water from its source, to the final user (and back to the environment)", (under preparation) **2015**
2. **Guest Editor** Management of Environmental Quality (Emerald Group) Special Issue, "Environmental quality of today's complex ecosystems and relevant preventative-remedial actions t", (under preparation) **2015**
3. **Guest Editor** Fresenius Environmental Bulletin (PSP) Special Issue, "Sustainable environmental design, planning, construction and management", (under preparation) **2015**
4. **Guest Editor** Water Utility Journal (EWRA) Special Issue, "Urban water pipe networks sustainable management: Acknowledging the value, defining the cost, setting the price of water", (under preparation) **2015**
5. **Guest Editor** Desalination & Water Treatment Journal (Taylor & Francis) Special Issue, "Improving Water Systems Efficiency in a Changing Natural/Financial Environment", **2014**
6. **Co-Editor** Proceedings of the 1<sup>st</sup> EWAS-MED International Conf. "Improving the efficiency of water systems in a changing natural and financial environment", Thessaloniki, **2013**
7. **Co-Editor** Proceedings of the Joint National Conference of the Hellenic Hydro-technical Association (11<sup>th</sup> EYE) & the Hellenic Association of Water Resources Management (7<sup>th</sup> EEDYP), 2 Volumes, 1090 pages, Volos, **2009**
8. **Co-Editor** Special Edition of the Association of Water & Waste Water Utilities in Greece "Water Losses in water supply networks: problems and challenges", 130 pages, Larisa, **2008**
9. **Co-Editor** Proceedings of the EU International Conference & Workshop "Management and Modeling of Water Pipe Networks", Volos, **2002**

### 13. PUBLISHED WORK

- 1 PhD Thesis
- 1 Book
- 1 Book Chapter
- 154 papers, of which
  - 42 papers in International peer-reviewed Scientific Journals (**see list attached**)
  - 2 papers in International Special Editions (**see list attached**)
  - 8 papers in National Special Editions
  - 2 papers in Technical Journals
  - 73 papers in International Conference Proceedings (**see list attached**)
  - 27 papers in National Conference Proceedings
  - 9 keynote speeches in International scientific events & conferences (**see list attached**)
  - 15 keynote speeches in National scientific events & conferences

#### 13.1. THESIS

- **Graduate Thesis:** Kanakoudis V. “Water resources management – Optimization techniques for the protection and restoration of confined aquifers”, Aristotle University of Thessaloniki (A.U.Th.), Civil Engineering Department, Division of Hydraulics and Environmental Engineering (06/1993). (In Greek)
- **PhD Thesis:** Kanakoudis V. “Water resources management – The role of failure events in developing water pipes preventive maintenance and replacement criteria”, Aristotle University of Thessaloniki (A.U.Th.), Civil Engineering Department, Division of Hydraulics and Environmental Engineering (05/1998). (In Greek)

#### 13.2. BOOKS & BOOK CHAPTERS

Kanakoudis V. “Chapter 10: Costing and Pricing of Urban Water”, pp. 483-524, “Hydraulic Works, Planning & Management, Volume I: Urban Hydraulic Works, by G. Tsakiris, Symmetria Eds., 2010. (In Greek)

#### 13.3. Papers in International peer-reviewed Scientific Journals

- B1-1. **Kanakoudis V.**, Tolikas D., “The role of leaks and breaks in water networks – Technical and economical solutions”, *Water Supply: Research & Technology-AQUA*, IWAap, 50(5):301-311, **2001** [www.iwaponline.com/jws/050/jws0500301.htm](http://www.iwaponline.com/jws/050/jws0500301.htm)
- B1-2. **Kanakoudis V.**, “Urban water use conservation measures”, *Water Supply: Research & Technology-AQUA*, IWAap, 51(3):153-163, **2002** <http://www.iwaponline.com/jws/051/jws0510153.htm>
- B1-3. **Kanakoudis V.**, “A troubleshooting manual for handling operational problems in water pipe networks”, *Water Supply: Research & Technology-AQUA*, IWAap, 53(2):109-124, **2004** [www.iwaponline.com/jws/053/jws0530109.htm](http://www.iwaponline.com/jws/053/jws0530109.htm),
- B1-4. **Kanakoudis V.**, Tolikas D., “Assessing the Performance Level of a water system”, *Water, Air & Soil Pollution, Springer (former: Kluwer Academic Publishes)*, (4-5):307-318, **2004** [link.springer.com/article/10.1023/B:WAFO.0000044807.41719.c7](http://link.springer.com/article/10.1023/B:WAFO.0000044807.41719.c7)
- B1-5. **Kanakoudis V.**, “Vulnerability based management of water resources systems”, *Hydroinformatics*, IWAap, 6(2):133-156, **2004** [www.iwaponline.com/jh/006/jh0060133.htm](http://www.iwaponline.com/jh/006/jh0060133.htm)
- B1-6. **Kanakoudis V.**, Podimata M, Papotis A., “PPPs in the renewable sources energy sector: the Greek experience of a medium-scale hydropower plant”, *European Water*, EWRA, (17/18):41-49, **2007** [www.ewra.net/ew/issue\\_17-18.htm](http://www.ewra.net/ew/issue_17-18.htm)
- B1-7. **Kanakoudis V.**, “Ex-post evaluation of a water distribution network upgrading project”, *Water Supply: Research & Technology-AQUA*, IWAap, 57(3):195–202, **2008** [www.iwaponline.com/jws/057/jws0570195.htm](http://www.iwaponline.com/jws/057/jws0570195.htm)
- B1-8. S. Tsitsifli, **V. Kanakoudis**, “Predicting the behavior of a network pipe using the “critical z-score” as its performance indicator”, *Desalination, Elsevier*, (250)1: 258-265, **2010** [www.sciencedirect.com/science/article/pii/S0011916409010741](http://www.sciencedirect.com/science/article/pii/S0011916409010741)

- B1-9. **Kanakoudis V.**, Tsitsifli S., "On-going evaluation of the WFD 2000/60/EC implementation process in the EU seven years after its launching: are we behind schedule?", *Water Policy, IWA*, (12)1: 70–91, **2010** [www.iwaponline.com/wp/01201/wp012010070.htm](http://www.iwaponline.com/wp/01201/wp012010070.htm)
- B1-10. **Kanakoudis V.**, Tsitsifli S., "Results of an urban water distribution network performance evaluation attempt in Greece", *Urban Water, Taylor & Francis*, (7)5:267-285, **2010** [www.tandfonline.com/doi/abs/10.1080/1573062X.2010.509436#](http://www.tandfonline.com/doi/abs/10.1080/1573062X.2010.509436#).UexH3403Dao
- B1-11. **Kanakoudis V.**, Gonelas K., Tolikas D., "Basic principles for urban water value assessment and price setting towards its full cost recovery - pinpointing the role of the water losses", *Water Supply: Research & Technology-AQUA, IWA*, 60(1): 27-39, **2011** [www.iwaponline.com/jws/060/jws0600027.htm](http://www.iwaponline.com/jws/060/jws0600027.htm)
- B1-12. **Kanakoudis V.**, Tsitsifli S., "Water pipe network reliability assessment using the DAC method", *Desalination & Water Treatment, Taylor & Francis*, (33)1-3: 97-106, **2011** [www.tandfonline.com/doi/abs/10.5004/dwt.2011.2631#](http://www.tandfonline.com/doi/abs/10.5004/dwt.2011.2631#).UexLU403Dap
- B1-13. S. Tsitsifli, **V. Kanakoudis**, I. Bakouros, "Pipe networks Risk Assessment based on Survival Analysis", *Water Resources Management, Springer*, (25)14: 3729-3746, **2011** [link.springer.com/article/10.1007/s11269-011-9881-3#](http://link.springer.com/article/10.1007/s11269-011-9881-3#)
- B1-14. **Kanakoudis V.**, S. Tsitsifli, P. Samaras, A. Zouboulis, G. Demetriou, "Developing appropriate Indicators for urban water supply systems evaluation across the Mediterranean", *Water Utility, EWRA*, (1): 31-40, **2011** [www.ewra.net/wuj/issue\\_1.htm](http://www.ewra.net/wuj/issue_1.htm)
- B1-15. **Kanakoudis V.**, Tsitsifli S., "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, Taylor & Francis*, (39): 323–335, **2012** [www.tandfonline.com/doi/abs/10.1080/19443994.2012.669182#](http://www.tandfonline.com/doi/abs/10.1080/19443994.2012.669182#).UexMs403Dao
- B1-16. **Kanakoudis V.**, Tsitsifli S., Papadopoulou A., "Integrating the Carbon and Water Footprints costs in the WFD Full Water Cost Recovery Concept: Basic principles towards their socially just allocation", *WATER, MDPI*, 4(1): 45-62, **2012** [www.mdpi.com/2073-4441/4/1/45](http://www.mdpi.com/2073-4441/4/1/45)
- B1-17. **Kanakoudis V.**, Tsitsifli S., Samaras P., Zouboulis A., Banovec P., "A new set of water losses related Performance Indicators focused on areas facing water scarcity conditions", *Desalination & Water Treatment, Taylor & Francis*, 51(13-15):2994-3010, **2013** [www.tandfonline.com/doi/abs/10.1080/19443994.2012.748448#](http://www.tandfonline.com/doi/abs/10.1080/19443994.2012.748448#).UexNX403Dao
- B1-18. **Kanakoudis V.**, S. Tsitsifli, P. Samaras, A. Zouboulis, "Assessing the performance of urban water networks performance assessment results across the EU Mediterranean area: The paradox of high NRW levels and absence of NRW reduction measures planning", *Water Science & Technology: Water Supply, IWA*, 13(4):939-950, **2013** <http://www.iwaponline.com/ws/01304/ws013040939.htm>
- B1-19. **Kanakoudis V.**, Tsitsifli S., "Using the Bimonthly WB of a Non-Fully Monitored Water Distribution Network with Seasonal Water Demand Peaks to define its Actual NRW Level: The case of Kos Town, Greece", *Urban Water, Taylor & Francis*, 11(5):348-360, **2014** [www.tandfonline.com/doi/abs/10.1080/1573062X.2013.806563#](http://www.tandfonline.com/doi/abs/10.1080/1573062X.2013.806563#).UexN6I03Dao
- B1-20. **Kanakoudis V.**, H. Muhammetoglu, "Urban water pipe networks management towards NRW reduction: two case studies from Greece & Turkey", *CLEAN – Soil, Air, Water*, 42(7):880-892, *Willey*, **2014** <http://onlinelibrary.wiley.com/doi/10.1002/clen.201300138/abstract>
- B1-21. **Kanakoudis V.** Papadopoulou A., "Allocating the cost of the CF produced along a supply chain, among the stakeholders involved", *Water & Climate Change*, 5(4):556-568 *IWA*, **2014** <http://www.iwaponline.com/jwc/005/jwc0050556.htm>
- B1-22. **Kanakoudis V.**, Papadopoulou A., Tsitsifli S. "Domestic water pricing in Greece: mean net consumption cost vs. mean payable amount", *Fresenius Environmental Bulletin*, 23(11):2742-2749, *PSP*, **2014**
- B1-23. **Kanakoudis V.**, Gonelas K., "Developing a methodology towards full water cost recovery in urban water pipe networks, based on the user-pays principle", *Procedia Engineering, Elsevier*, 70:907-916, (CCWI 2013), **2014** <http://dx.doi.org/10.1016/j.proeng.2014.02.101>,
- B1-24. **Kanakoudis V.**, Gonelas K., "Forecasting the Residential Water Demand, balancing the full water cost pricing and the Non-Revenue Water reduction policies: the case of Kozani city in Greece", *Procedia Engineering, Elsevier*, 89:958-966, (WDSA 2014), <http://www.sciencedirect.com/science/article/pii/S1877705814026459>, **2014**
- B1-25. **Kanakoudis V.**, Gonelas K., "Applying pressure management to reduce water losses in two Greek cities' Water Distribution Systems: expectations, problems, results and revisions", *Procedia Engineering, Elsevier*, 89:318-325, (WDSA 2014), **2014** <http://www.sciencedirect.com/science/article/pii/S1877705814023091>



- B1-26. **Kanakoudis V.**, Tsitsifli S., “Doing the urban water supply job: from privatization to remunicipalisation and the third pillar of the Performance Based Service Contracts”, *Water Utility*, (6): 31-46, EWRA, 2014 [http://www.ewra.net/wuj/pdf/WUJ\\_2014\\_08\\_04.pdf](http://www.ewra.net/wuj/pdf/WUJ_2014_08_04.pdf)
- B1-27. **Kanakoudis V.**, “Three alternative ways to allocate the CF produced in a water supply and distribution system”, *Desalination & Water Treatment*, Taylor & Francis, 54(8): 2212-2222, 2015 <http://www.tandfonline.com/doi/full/10.1080/19443994.2014.934117#.VTI7LCGqBd>
- B1-28. **Kanakoudis V.**, Papadopoulou A., Tsitsifli S., “Domestic water pricing in Greece: a spatial differentiation”, *Desalination & Water Treatment*, Taylor & Francis, 54(8): 2204-2211, 2015 <http://www.tandfonline.com/doi/full/10.1080/19443994.2014.933616#.VTI8XCGqBd>
- B1-29. **Kanakoudis V.**, Tsitsifli S., Zouboulis A., “WATERLOSS project: developing from theory to practice an integrated approach towards NRW reduction in urban water systems”, *Desalination & Water Treatment*, Taylor & Francis, 54(8):2147-2157, 2015 <http://www.tandfonline.com/doi/full/10.1080/19443994.2014.934114#.VTI76yGqBd>
- B1-30. **Kanakoudis V.**, Tsitsifli S., Kouziakis C., Lappos S., “Defining the level of the Non-Revenue Water in Kozani, Greece: is it a typical case?”, *Desalination & Water Treatment*, (IF<sub>2014</sub>: 1,173), Taylor & Francis, 54(8): 2170-2180, 2015 <http://www.tandfonline.com/doi/full/10.1080/19443994.2014.934119#.VTI8sSGqBd>
- B1-31. **Kanakoudis V.**, Gonelas K., “Properly allocating the urban waters meters’ readings to the nodes of a water pipe network simulation model in a developing water utility”, *Desalination & Water Treatment*, (IF<sub>2014</sub>: 1,173), Taylor&Francis, 54(8): 2190-2203, 2015 <http://www.tandfonline.com/doi/full/10.1080/19443994.2014.934101#.VTI7tCGqBd>
- B1-32. **Kanakoudis V.**, Tsitsifli S., Cerk M., Banovec P., Samaras P., Zouboulis A., “Basic principles of a DSS tool developed to prioritize NRW reduction measures in water pipe networks”, *Water Quality, Exposure & Health*, Springer, 7(1):39-51, 2015 <http://link.springer.com/article/10.1007/s12403-014-0111-0>
- B1-33. **Kanakoudis V.**, Tsitsifli S., Samaras P., Zouboulis A., “Water pipe networks performance assessment: benchmarking eight cases across the EU Mediterranean basin”, *Water Quality, Exposure & Health*, Springer, 7(1):99-108, 2015 <http://link.springer.com/article/10.1007/s12403-014-0113-y>
- B1-34. **Kanakoudis V.**, Gonelas K., “Accurate water demand spatial allocation for water networks modeling using a new approach”, *Urban Water*, Taylor & Francis, 12(5): 362-279, 2015 [http://www.tandfonline.com/doi/full/10.1080/1573062X.2014.900811#.U23mrPQW3\\_E](http://www.tandfonline.com/doi/full/10.1080/1573062X.2014.900811#.U23mrPQW3_E)
- B1-35. **Kanakoudis V.**, Tsitsifli S., T. Azariadi, “Overview of the River Basin Management Plans developed in Greece under the context of the Water Framework Directive 2000/60/EC focusing at the economic analysis”, *Water Resources Management*, Springer, 29(9):3149-3174, 2015 <http://link.springer.com/article/10.1007/s11269-015-0988-9>
- B1-36. **Kanakoudis V.**, Tsitsifli S., “River basin management plans developed in Greece based on the WFD 2000/60/EC guidelines”, *Desalination & Water Treatment*, Taylor & Francis, 56(5):1231-1239, 2015, <http://www.tandfonline.com/doi/full/10.1080/19443994.2014.979234>
- B1-37. **Kanakoudis V.**, Tsitsifli S., G. Demetriou “Applying an integrated methodology toward non-revenue water reduction: the case of Nicosia, Cyprus”, *Desalination & Water Treatment*, Taylor & Francis, 2015 <http://www.tandfonline.com/doi/full/10.1080/19443994.2015.1048537>
- B1-38. **Kanakoudis V.**, Gonelas K., “The joint effect of water price changing and pressure management, towards the Economic Annual Real Losses level, on the System Input Volume of a water distribution system”, *Water Science and Technology: Water Supply*, IWAp, 15(5):1069-1078, 2015 <http://www.iwaponline.com/ws/up/ws2015064.htm>
- B1-39. **Kanakoudis V.**, Gonelas K., “Non-revenue water reduction through pressure management in Kozani’s water distribution network: from theory to practice”, *Desalination & Water Treatment*, Taylor & Francis, 2015 <http://www.tandfonline.com/doi/full/10.1080/19443994.2015.1049967>
- B1-40. **Kanakoudis V.**, Gonelas K., “Assessing the results of a virtual pressure management project applied in Kos Town water distribution network”, *Desalination & Water Treatment*, Taylor & Francis, 2015 <http://www.tandfonline.com/doi/full/10.1080/19443994.2015.1057540>
- B1-41. **Kanakoudis V.**, Tsitsifli S., “Socially fair domestic water pricing: who is going to pay for the non-revenue water?”, *Desalination & Water Treatment*, Taylor & Francis, 2015 <http://www.tandfonline.com/doi/full/10.1080/19443994.2015.1067169>,
- B1-42. **Kanakoudis V.**, Gonelas K., “The optimal balance point between NRW reduction measures, full water costing and water pricing in water distribution systems. Alternative scenarios forecasting Kozani’s optimal balance point”, *Procedia Engineering*, Elsevier, 119:1278-1287, (CCWI 2015), 2015 <http://www.sciencedirect.com/science/article/pii/S1877705815026661>

- B1-43. Gonelas K., **Kanakoudis V.**, "Pressure Management toward Non-Revenue Water reduction up to the Economic Annual Real Losses limits", *Water Science and Technology: Water Supply, IWA, 2015 (under review)*
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### **13.6. Keynote Speeches (International Audience)**

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- E-2. **Κανακούδης V.**, Papotis A., "Environmental Policy Paper for Reclamation and Reutilization of former Brown Coal Mines (REREGIONS) – Project's results", *Int. Conf. "Regeneration in regions affected by mining-Ways to sustainable development"*, Most, Czech Republic, **2007**
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- E-6. **Κανακούδης B.** "Αύξηση της αποδοτικότητας χρήσης του αστικού νερού και ο ρόλος του μη-ανταποδοτικού νερού", *Ημερίδα «Πόλεις και Πολίτες διεκδικούν λύσεις για τη βιώσιμη διαχείριση του νερού» της Πρωτοβουλίας «ΣΥΜΜΑΧΙΑ ΓΙΑ ΤΟ ΝΕΡΟ», Δίκτυο ΜΕΣΟΓΕΙΟΣ SOS, Δίκτυο ΕΛΛΗΝΙΚΩΝ ΠΡΑΣΙΝΩΝ ΠΟΛΕΩΝ, Αντιπροσωπεία Ιδρύματος ΧΑΙΝΠΙΧ ΜΠΕΛ στην Ελλάδα, Θεσ/νίκη, 2013*
- E-7. **Kanakoudis V.** "Tourism and wetland restoration: from theory to best practice(s)", *Mediterranean Institute for Nature and Anthropos (Med-INA) "Culture and Mediterranean wetlands: Using cultural values for wetland restoration"*, *Int. Workshop on Tourism, Culture and wetlands, Tunis, Tunisia, 2014*
- E-8. **Kanakoudis V.**, Tsitsifli S., "Pricing Policies – Principles of Privatization", *International Symposium "Water Utility Support"*, Athens, **2014**
- E-9. **Kanakoudis V.**, "Integrating the Carbon and Water Footprints costs in the WFD Full Water Cost Recovery Concept: Basic principles towards their socially just allocation", International Workshop "URBAN WATER FOOTPRINT: experiences, best practices and future challenges", Vicenza, Italy **2014**

## **14. PAPERS' REVIEWING RECORD**

### **14.1. International peer-reviewed Scientific Journals (2007-2015: 128 reviews)**

- 1. J. Urban Water, Taylor & Francis (2007-15: 23 reviews)**
- 2. J. Pipeline Systems - Engineering and Practice, ASCE (2011-15: 20 reviews)**
- 3. J. Water Resources Management, Springer (2008-14: 17 reviews)**

4. J. Desalination and Water Treatment, Taylor & Francis (2012-15: 15 reviews)
5. J. Water Science & Technology: Water Supply, IWA (2012-15: 14 reviews)
6. J. WATER, MDPI (2014-15: 9 reviews)
7. J. Water Supply Research & Technology: AQUA, IWA (2013-15: 7 reviews)
8. J. Water Policy, IWA (2013-15: 4 reviews)
9. J. Water & Climate Change, IWA (2014: 4 reviews)
10. J. Energies, MDPI (2015: 3 reviews)
11. J. Utilities Policy, Elsevier (2015: 2 review)
12. J. Engineering Applications of Artificial Intelligence, Elsevier (2013-14: 2 reviews)
13. J. Environnemental Management, Elsevier (2008-14: 2 reviews)
14. J. Environmental Processes, Springer (2015: 1 review)
15. J. Sustainability, MDPI (2015: 1 review)
16. J. Neural Computing and Applications, Springer (2015: 1 review)
17. J. European Water, EWRA (2012: 1 review)
18. J. Engineering Applications of Computational Fluid Mechanics, Elsevier (2011: 1 review)
19. J. Civil Engineering and Management (2009: 1 review)
20. J. Desalination, Elsevier (2008: 1 review)

**14.2. International Conferences (32 reviews)**

1. 12<sup>th</sup> International Conference "Protection & Restoration of the Environment XII", Skiathos, 2014 (8 reviews)
2. 4<sup>th</sup> International Conference on Environmental Management, Engineering, Planning & Economics (CEMEPE) and SECOTOX Conference, Mykonos, 2013 (2 reviews)
3. 1<sup>st</sup> EWAS-MED International Conference "Improving the efficiency of water systems in a changing natural and financial environment", Thessaloniki, 2013 (5 reviews)
4. 3<sup>rd</sup> International Conference on Environmental Management, Engineering, Planning & Economics (CEMEPE) and SECOTOX Conference, Mykonos, 2011 (2 reviews)
5. 2<sup>nd</sup> International Conference on Environmental Management, Engineering, Planning & Economics (CEMEPE) and SECOTOX Conference, Mykonos, 2009 (2 reviews)
6. 2<sup>nd</sup> Int. Conference "Water Economics, Statistics, and Finance", IWA, Alexandroupolis, 2009 (1 review)
7. 2<sup>nd</sup> International Conference "Asset Management of Medium and Small Wastewater Utilities", International Water Association (IWA), Alexandroupolis, 2009 (1 review)
8. 9<sup>th</sup> Int. Conference "Protection & Restoration of the Environment IX", Kefalonia, 2008 (2 reviews)
9. 1<sup>st</sup> International Conference on Environmental Management, Engineering, Planning & Economics (CEMEPE) and SECOTOX Conference, Skiathos, 2007 (2 reviews)
10. 6<sup>th</sup> International Conference European Water Association "EWRA 2007", Chania, 2007 (2 reviews)
11. 6<sup>th</sup> International Conference "Protection & Restoration of the Environment VI", Skiathos, 2002 (5 reviews)

**15. SCIENTIFIC CONFERENCES ORGANIZING COMMITTEE MEMBER**

- co-Chairman, 2<sup>nd</sup> EWAS-MED International Conference, Crete, 1-4/6/2016
- Vice-Chairman, 1st EWAS-MED International Conference, Thessaloniki, 11-13/4/2013
- Executive Secretary of the Organizing Committee of the Int. Conf. "Protection & Restoration of the Environment XII", Skiathos, 29/6-3/7/2014
- Vice-Chairman, 1st EWAS-MED International Conference, Thessaloniki, 11-13/4/2013
- Executive Secretary of the Organizing Committee of the Joint National Conference of the Hellenic Hydro-technical Association (11<sup>th</sup> EYE) & the Hellenic Association of Water Resources Management (7<sup>th</sup> EEDYP), Volos, 2009
- Organizing Committee Member of the Int. Conf. "Protection & Restoration of the Environment VI", Skiathos, 1-5/7/2002
- Organizing Committee Member of the Int. Conf. "Management & Modeling of Water Pipe Networks", European Union IST "A Balkan & Eastern European Network of Excellence for the Diffusion of Mathematics for Industry Expertise", Volos, 22-23/2/2002