

## Language

Official language of the conference is English

## Venue

The Conference will be held in Thessaloniki, Greece, in the Aristotle University of Thessaloniki campus (KEDEA). Thessaloniki airport is very well connected with many European airports.

## Accommodation

Information for booking Hotels in the nearby area of the Conference will be given in announcements which will follow. Special prices for participants will be arranged.

## Proceedings and special issues

A CD with the full papers will be distributed at the Conference.

Selected papers will be included in special issues of International Scientific Journals included in the SCI with an Impact Factor, following a standard peer-review process. The names of the journals will be announced in due time.

## Further details / contacts:

Official site: [www.ewas-med.org](http://www.ewas-med.org)

Assistant Professor Vasilis Kanakoudis, Conference Vice Chairman, [bkanakoud@civ.uth.gr](mailto:bkanakoud@civ.uth.gr)

Associate Professor Petros Samaras, Conference Vice Chairman, [samaras@food.teithe.gr](mailto:samaras@food.teithe.gr)

Conference Secretary, Mrs Stavroula Tsitsifli, [tsitsif@otenet.gr](mailto:tsitsif@otenet.gr)

## Important dates

Submission of abstracts: October 15<sup>th</sup>, 2012  
Notification of acceptance: November 30<sup>th</sup>, 2012  
Submission of full paper: January 14<sup>th</sup>, 2013  
Early Bird Registration: January 30<sup>th</sup>, 2013  
Comments sent to authors: February 22<sup>nd</sup>, 2013  
Submission of final version: March 4<sup>th</sup>, 2013  
Acceptance of full papers: March 15<sup>th</sup>, 2013

## Submission of Abstracts

Abstracts for oral papers should be submitted to the Conference Secretary, Mrs Stavroula Tsitsifli, [tsitsif@otenet.gr](mailto:tsitsif@otenet.gr)

The abstracts should include the title of the paper, the names and full affiliation(s) of the author(s), the respective keywords (max. 5) and the Conference's specific theme and topic the paper fits in. The length of the text should not exceed 300 words.

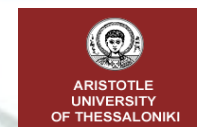
## Registration fees

	Early bird (before January 30 <sup>th</sup> , 2013)	On site
Full submission	300,00 €	350,00 €
Students	100,00 €	150,00 €

Full Registration fees include coffee breaks, two lunches, welcome reception, official dinner and a CD of Proceedings. Students' registration fees include coffee breaks, two lunches and a CD of Proceedings.

## Exhibitors

Exhibitors wishing to exhibit Water Systems technical solutions and practices are invited to contact the conference secretary Mrs Stavroula Tsitsifli at [tsitsif@otenet.gr](mailto:tsitsif@otenet.gr) for further information.



## FIRST ANNOUNCEMENT AND CALL FOR PAPERS

### 1<sup>st</sup> EWaS-MED International Conference:

### Improving Efficiency of Water Systems in a Changing natural and financial Environment



Thessaloniki, Greece  
10-13 April 2013

## Introduction

Water scarcity and climate change are the main causes of water related problems worldwide. Nevertheless, Mediterranean countries are facing strong water shortage problems and long periods of droughts. The EU Water Framework Directive WFD 2000/60/EC sets the background for the development of an integrated and sustainable water management policy. Water utilities must implement appropriate measures ensuring the conservation of water resources of sufficient quality and quantity. Towards this target, development of methodologies for reducing Non Revenue Water and Water Losses are more than necessary, in urban water distribution networks. However, allocation of appropriate funds for the implementation of such measures is becoming limited, under financial crisis conditions. Water pricing policies, are foreseen by WFD to fully recover water related services costs.

In this context, the 1st EWaS-MED International Conference target focuses on Improving Efficiency of Water Systems in a changing natural and financial environment, especially across the Mediterranean Basin facing severe environmental threats due to the Climate Change and economic crisis conditions. The Conference's topics deal with the management of the entire water supply chain, starting from the water abstraction at the water resources, up to the customers' tap and the effluent from a wastewater treatment plant, especially focusing on the water losses occurring throughout the entire process. Thus, particular emphasis will be given to the latest developments, strategies, techniques and applications of international best practices in water loss assessment, management, leakage reduction and control, improvement of customer metering, AMR, telemetry and telecontrol applications. As such, the conference is the first Mediterranean regional event aiming at further raising awareness in the field of improved efficiency of water systems given the fast changing climatic and financial conditions in the Mediterranean Basin.

## Themes and Topics

### Theme A: "Water Resources Management"

1.1 Simulation, optimization and management

- 1.2 Implementing the WFD - evaluation & progress
- 1.3 Climate change and its impacts
- 1.4 Desalination
- 1.5 Funding opportunities
- 1.6 Case studies and lessons learnt

### Theme B: "Urban water systems management"

- 2.1. Simulation and optimization techniques of water pipe networks
- 2.2. Drinking and waste water treatment plants
- 2.3. Demand prediction and management
- 2.4. Water pricing
- 2.5. Performance optimisation
- 2.6. Repair or replace
- 2.7. Water and Energy
- 2.8. Case studies

### Theme C: "Water losses topics"

- 3.1. Water loss management
- 3.2. Apparent Losses management
- 3.3. NRW reduction techniques
- 3.4. Water metering
- 3.5. Process benchmarking
- 3.6. Decision Support Systems
- 3.7. Technical vs. financial aspects
- 3.8. Case studies

## Organising Committee

Prof. Anastasios Zouboulis (Conference Chairman)  
Prof. George Tsakiris (President of EWRA)  
Associate Prof. Petros Samaras (Conference Vice Chairman)  
Assistant Prof. Vasilis Kanakoudis (Conference Vice Chairman)  
Bambos Charalambous (Secretary General of EWRA)  
Dr. Stavroula Tsitsifli (Conference Secretary)

## Scientific Committee

Adamou A., Water Board of Larnaka (CY)  
Alegre H., IWA SG in Strategic Asset Management (PT)  
Banovec P., University of Ljubljana (SI)  
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Zouboulis A., Aristotle University of Thessaloniki (GR)