

## ***European Water Resources Association***

### **International Symposium «Water Utility Support»**

***Athens, 5 June 2014***

#### **SCOPE**

Water Utility Companies (WUCs) are responsible for the conveyance and distribution of sufficient quantity and satisfactory quality of potable water.

WUCs are currently faced with several critical challenges such as urbanisation, people mobility, increased pollution of water resources, higher cost of development and treatment of water, ageing of water distribution systems and many others.

Technological advances, smart management tools, innovative administration practices can support WUCs for achieving their goals.

The Symposium aims at presenting innovative solutions to all real problems the WUC face from the technological, management and administrative aspects.

An Exhibition of new products will also be held in parallel to the Symposium in the same venue.

#### **TOPICS**

Among others the topics which will be discussed are: Mapping of water distribution systems (WDS), Smart metering, Pipe technologies, Water loss management, Rehabilitation of WDS, Automation and ICT, Desalination, Treatment of raw water, Water quality monitoring, Advanced software for network analysis and optimization, Waste water treatment and management, Water management under water shortage, Pricing policies, Privatisation.

## TENTATIVE PROGRAMME

8 <sup>30</sup> – 9 <sup>30</sup>	Registration
9 <sup>30</sup> – 9 <sup>45</sup>	Scope and Objectives
9 <sup>45</sup> – 10 <sup>30</sup>	Rational Design and New Technologies in Water Supply and Distribution Systems
10 <sup>30</sup> – 11 <sup>15</sup>	Maintenance and Rehabilitation of Water Distribution Systems
11 <sup>15</sup> – 12 <sup>00</sup>	<i>Coffee break</i>
12 <sup>00</sup> – 12 <sup>45</sup>	Leak Detection and Water Loss Management
12 <sup>45</sup> – 13 <sup>30</sup>	Data Collection and Handling
13 <sup>30</sup> – 14 <sup>00</sup>	Mapping and GIS Support
14 <sup>00</sup> – 15 <sup>00</sup>	<i>Light lunch</i>
15 <sup>00</sup> – 15 <sup>45</sup>	Performance Evaluation of WDS - Optimised Operation
15 <sup>45</sup> – 16 <sup>00</sup>	Pricing Policies -Principles of Privatisation
16 <sup>00</sup> – 16 <sup>45</sup>	Wastewater Treatment Technologies
16 <sup>45</sup> – 17 <sup>30</sup>	<i>Coffee break</i>
17 <sup>30</sup> – 18 <sup>15</sup>	Water Reuse: Past, Present, and Future
17 <sup>30</sup> – 18 <sup>15</sup>	Water Supply, Wastewater and Stormwater Management in the Cities of the Future
18 <sup>15</sup> – 19 <sup>00</sup>	Advanced Control of WDS (Smart meters, ICT)
18 <sup>15</sup> – 19 <sup>00</sup>	General Discussion

## **PUBLICATION OF PAPERS**

All the invited papers presented by experts in the Symposium will be published in the International Journal «Water Utility Journal».

The papers should be submitted according to the Guide for Authors of the journal and should not exceed 16 journal pages ([www.ewra.net](http://www.ewra.net)).

Papers can be also submitted as poster papers. The poster papers should be written as the invited papers and will be considered for publication in the same journal.

All the papers should be submitted by the 5th of May 2014 and will be available to the participants during the Symposium.

## **ORGANISATION**

- European Water Resources Association (EWRA)
- Laboratory of Reclamation Works and Water Resources Management, School of Rural and Surveying Engineering, National Technical University of Athens

## **COOPERATING ORGANISATIONS**

- Greek Committee for Water Resources Management (EEDYP)
- Hellenic Association of Hydraulic Works and Water Resources Management Consulting Engineers

## **VENUE AND DATE**

The Symposium will be held at the EXCELIXI Educational and Business Centre, El. Venizelou 154 and Romilias str., Kastri, Nea Erithrea, Athens on the 5th of June 2014.

## **EXHIBITION**

Exhibition of recent developments and products will be held in the premises of the auditorium in which the Symposium will be held. Interested exhibitors should contact the Symposium secretariat.

## **INFORMATION**

Information on the Symposium and the Exhibition can be given by the EWRA Secretariat in Athens, Tel. 0030-2107722700, e-mail address: [water@survey.ntua.gr](mailto:water@survey.ntua.gr)