

EWRA news

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Thank you Porto! Thank you Rodrigo!

G. Tsakiris

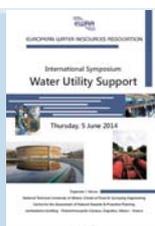
Several months have passed from the benchmark conference of EWRA in Porto last June. However Porto is still in our minds. The beautiful city, the friendly people, the busy centre during the night, the magnificent Duro, the wild Ocean, the fish taverns at the port area, the excellent wines, the shopping, the Opera house and many others shaped a colourful, charming puzzle for all of us.

We, the participants of the Conference, tried to get a flavour of all these. We enjoyed as much as we could. And on the top of this, an excellent conference! Good quality presentations, comprehensive reviews by keynote speakers, special ceremonies for the honoured scientists, round table discussion on Horizon 2020 research framework, and finally an incredible technical visit we can never forget.

In order to have all these at this high level some people spent a lot of time and energy. We have to thank our people who are behind this success. The Organisers did undoubtedly a perfect work. Thanks to all who took part in the Organisation of this Conference. To mention just two, among those who played a role in this conference, I would mention Rodrigo and his secretary Cristina.

Really, it was an EWRA Conference we cannot forget.

Thank you Porto! Thank you Rodrigo!



EWRA – International Symposium:

'Water Utility Support'

Athens - Greece, 5 June 2014

see the detailed announcement at page 9

Minutes of EWRA General Assembly (Porto-Portugal, 26 June 2013)

The President Prof. G. Tsakiris welcomed the participants to the General Assembly of EWRA in Porto. He mentioned that this GA is the second in a week's time and therefore can decide legally irrespective of the number of present members. As known in the first GA the 1/5 of registered members had to be present. Obviously this could not be achieved and therefore the 1st GA a week ago did not take place.

Then the President presented the Agenda of the General Assembly of EWRA which is as follows:

1. General Introduction.
2. Honour to Prof. Evan Vlachos and Prof. Luis Santos Pereira
3. Proposal for a new EWRA structure
4. Amendments to the Statutes
5. New EWRA activities
6. Selection of the next Congress venue
7. Elections for the members of the EC
8. GA Closure



From the GA of EWRA (Porto, 26 June 2013)

1. General Introduction

The President presented the activities of EWRA during the last two years.

(a) Organisation of the 6th International Symposium EWRA held in Catania-Sicily June 29th-July 1st, 2011. The Symposium was successfully organized by Prof. A. Cancelliere. From the symposium selected papers were published in the journals Water Resources Management and European Water. Two special volumes were issued (one in WARM: Guest Editors A. Cancelliere and G. Rossi, Vol.27 and one in European Water: Guest Editor G. Tsakiris, Vol.34).

EWRA also supported the Conferences held in Bulgaria (19-20 November 2012) on "Water Loss Reduction in the Water Supply Systems", in Romania (11-13 June 2012) on "The Regional Water Forum held in Bucharest" and in Greece EWaS-MED (Thessaloniki 11-13 April 2013).

During the last two year period several permanent working groups were organized and started producing reports. These reports will be presented in written form at appropriate time.

During the last term in office several agreements were signed between EWRA and national water resources association. Namely with the Associations in Bulgaria, Romania, Ukraine and Italy.

With Portugal we had signed an agreement in the past but we lost contact and we have to renew it.

Regarding this conference it is the intention for the organizers to publish about 120 papers in our journals. Forty papers will be selected for possible publication in Water Resources Management (Guest Editors: R. Maia and L.S. Pereira), forty for the European Water (Editor: A. Loukas), twenty for the Water Utility Journal (Guest Editor: G. Tsakiris) and twenty for the new journal Environmental Processes (Editor: V. Tsihrintzis).

2. Honours to Prof. Evan Vlachos and Prof. Louis Santos Pereira

A ceremony took place to honour two outstanding personalities in the water sector and distinguished members of EWRA Prof. Evan Vlachos and Prof. Louis Santos Pereira. The presentation of E. Vlachos was made by Prof. R. Maia and presentation of L. Pereira by Prof. G. Tsakiris.

Details of the ceremony can be found elsewhere (e.g. EWRAnews).

3. Proposal for a new EWRA structure

(a) An improved structure of EWRA was proposed and decided.

EWRA will be active in R&D in Europe by its participation as a non-benefit organization as a dissemination partner in European and International projects. To achieve this, EWRA will acquire a PIC number and will be registered for the first time in the Ministry of Economy of Greece.

(b) National Representations of EWRA

As known, EWRA is an International Association embracing all countries of the world, although its main

core remains in Europe. It is therefore difficult to coordinate efforts occurring in several parts of the world with the existing organizational structure.

For this reason, the structure of EWRA should include on national representatives for each country. A two person national representation was decided in which one person will be the national representative and the second person to deputy national representative. Obviously if a country participates in EWRA by its national association it is the latter to decide upon the persons acting as representatives of the country in EWRA.

(c) EWRA Secretariat

The new EC will be assisted fully by the EWRA secretariat at the Nat. Technical University in Athens. Already three colleagues Dr H. Vangelis, Dr D. Tigkas and Dr D. Alexakis are responsible of the secretariat and carry out all necessary EWRA activities (e.g. publication of journals, EWRA news bulletin, website, correspondence etc.). The above mentioned colleagues were officially appointed as Secretary, Deputy Secretary and Dissemination Coordinator of the EWRA Secretariat, respectively.

4. Amendments to the Statutes

Some small amendments to the statutes were introduced mainly corrections related to the 4 year term in office instead of 3 year term mentioned in some articles. The decision for a 4 year term in office was taken in a previous GA.

5. New EWRA activities

(a) EWRA Congresses

The next events can be organized by EWRA itself with its secretariat in Athens and the assistance of a local secretariat in the city of the event. As known, up to now, the organization of the events, were fully given to a collaborating university and EWRA was not involved in any administrative or economic matter.

Related to the above, is our intention to upgrade the conferences of EWRA into Congresses and leaving out the EWRA Symposia. Therefore, instead of having a conference or a symposium every two years, we will have a Congress, every two years. Therefore the next event will be the 9th Congress of EWRA following the numbering of the conferences alone (and leaving out the Symposia).

Finally specialized seminars will be organized in various

cities.

(b) Journals

It was decided that EWRA will strengthen its role by launching new journals covering other areas of expertise from the areas covered by the existing journals of EWRA. This is a very serious and difficult activity. However, the success of EWRA journals can guarantee the success of the new journals. As you know WATER RESOURCES MANAGEMENT has already established its leading role in the area, considered as one of the few journals with high impact in the area of water resources. During the last four evaluations the impact factor of the journal was above 2 with increasing prospects. In fact even with the last Impact Factors presented by Thomson Reuters for 2012 the IF increased from 2.054 (in 2011) to 2.259 for 2012. Also, the EUROPEAN WATER, the journal devoted to innovative applications and interesting case studies, is performing very well. The number of downloads is steadily increasing, promising that soon will be among the highly respected journals. During May 2011 we applied for indexing in SCOPUS database. The most recent journal we launched for professionals the WATER UTILITY JOURNAL needs more support in order to be published on time. In the months to come we will concentrate on activities for strengthening this journal.

And now a new journal we wish to launch is the journal of ENVIRONMENTAL PROCESSES which can cover many of the research activities in the area of the environment in which many of our members are working. I have already asked Prof. V. Tsihrintzis to be the editor-in-chief and he has accepted this invitation. Prof. Tsihrintzis is a prominent and very active scientist in the area of environment, he has published more than 100 papers in ISI journals and has more than 1500 citations. This journal has very good prospects and does not overlap significantly with the other journals of ours. It can also incorporate the old idea of a journal on Macro-engineering (probably as a special issue) which was not realised.

6. Selection of the next Congress venue

For the next Congress of EWRA, three proposals were received up to the beginning of the GA: (a) Istanbul, (b) Novisad, (c) Brussels. The GA selected Istanbul as the next venue of the Congress (June 2015). Regarding the Congress of EWRA in four years time, a preliminary selection was made for Thessaloniki among two

proposals Thessaloniki and Kiev. It should be stressed that the last selection is preliminary and the final decision will be taken in Istanbul GA in June 2015.

7. Elections for the members of the EC

The GA agreed with the proposal of the last EC for the following persons to be elected for the new EC: President: G. Tsakiris (National Technical University of Athens), Vice-President: R. Maia (University of Porto), General Secretary: A. Cancelliere (University of Catania), Treasurer: Harmancioglu (Dokuz Eylul University), International Relations: L. Garrote (Technical University of Madrid).

8. GA Closure

The President congratulated the new members of the EC and thanked the members of the previous EC for their contributions of the activities of EWRA. Finally he thanked all the participants of the GA for their constructive participation in the GA.

Honoured Personalities

During the General Assembly of EWRA in Porto on the 26th of June 2013 two distinguished members of EWRA, Prof. E. Vlachos and Prof. L.S. Pereira, were honoured for their outstanding contributions to the broad field of Water Resources Management.

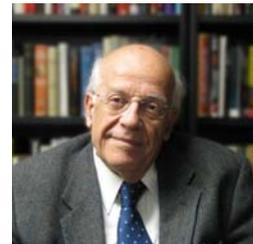


Evan Vlachos (left) and Luis Santos Pereira (right) during the honouring ceremony (EWRA G.A. - Porto, 26th of June 2013).

Evan Vlachos

Evan Vlachos joined CSU in the fall of 1967. From law (LLB University of Athens), general sociology (Ph.D. Indiana University), he progressed to interdisciplinary studies, especially in integrated water resources planning and management, technology assessment, and social forecasting. During his years with the Department of Sociology and with a joint appointment with Civil Engineering he introduced 15 new courses concentrating

in the areas of population studies, methods and technology assessment and futurism. He also directed over 35 Dissertations and Theses in Sociology and was co-director or key member to over 200 Dissertations and Theses in Civil Engineering. He has consistently received the top ratings in teaching evaluations and introduced and taught for 2 years the Special Seminar on "Citizenship and the Future". In terms of Scholarly output he has produced 10 books, 63 articles/chapters in books, 20 book reviews and essays, 42 monographs and technical reports, and over 130 (mostly invited) papers for professional meetings. He has also served in the editorial boards of such scholarly journals as the Social Sciences Journal, Water International, and Water Policy.



Between 1979-1984, Dr. Vlachos served as Director of the Environmental Resources Center and from 1985 on, as Associate Director of the International School for Water Resources. He has served as Member and Chairman of the Environmental Advisory Board, U.S. Army Corps of Engineers between 1982-1987. Between 1993 and 2000 he also served as member and chairman of the Advisory Panel on Environmental and Earth S&T in NATO, Brussels (Eastern Europe and Russia). He has been member of UNESCO's Committee on "Water and Civilization" and "Urban Studies" and a member of committees of the European Commission's environmental section in Brussels. He has also been for many years a member of the Environmental Committee of the Luso-American Foundation for Development in Lisbon and a regular organizer and lecturer of their annual course on "Global Environmental Issues". A special interactive activity in this period has been invitation to act as evaluator (in a team) of the graduate water resources programs for the following Greek Universities: National Technical University of Athens, University of the Aegean, Agricultural University of Athens, and Aristotle University of Thessaloniki.

Throughout these 41 years at CSU there was also involvement with consulting both in the U.S. and abroad, especially with larger public projects in the Western U.S., Italy, Greece, Portugal, Saudi Arabia, Bahrain, Sweden, and Brazil. Involvement included also consulting firms such as Design Studios West, regarding city master plans in Grand Rapids, Michigan; Phoenix, Arizona, the Governors committee on planning for The Front Range urban corridor in Colorado, as well as

Athens' and Greece's urban planning. Finally, he has also participated in a larger number of seminars and training courses with a variety of Federal agencies, foreign governmental units and international organizations such as the United Nations, European Commission and NATO, where he also served as chair of the Evaluation Studies Committee. In 2008 he was instrumental in bringing into the campus ICIWaRM, a joint project of U.S. Universities, U.S. Army Corps of Engineers and UNESCO. He is acting Director of the CSU lab.

Essentially, past activities concentrated on interdisciplinary teaching, research, service, and consulting; on providing linkages between theory and practice; on expanding international commitment and comparative case studies; and, on sharing also findings and insights with wider audiences outside the University. As far as national and international funded research are concerned, exemplary of his work include major projects as, New Towns Project (HUD); Guidelines for evaluating environmental impact assessment of the Venice Lagoon (Italy); Environmental Design and Public Projects (NSF); Water Resources Planning in Southern Portugal (Portuguese Dept. of Natural Resources); Climate and Water Resources (NATO); Managing Droughts (NSF); Integrated Water Resources Assessment and Management (Brazil); Transboundary Water problems (Ford Foundation); Cumulative impacts of energy development (USDI); Water Conflicts in the Middle East (Corps of Engineers); Coastal Zone Management (European Commission); Water in International Affairs (OTI); Comprehensive Planning, cities of Pueblo, Fort Collins and Estes Park; Urban Water Conflicts (UNESCO); Condition and Security Indicators for Interdependent Infrastructure Systems (NSF); and, smaller grants from the Social Sciences Research Center, AID, McArthur Foundation, Dept. of Transportation, Office of Water Resources Research, USDA and the Tinker Foundation. In addition, there were also a series of consultancies with relevant Ministries and Agencies in Portugal, Italy, Greece, Saudi Arabia, Lebanon, Brazil, Thailand, Bangladesh, Egypt and others.

Finally, among a number of awards and recognitions, are a Fulbright Grant, the U.S. Army's Corps of Engineers Medal of Outstanding Civilian Service Award, the CSU Oliver Pennock Distinguished Service Award, the American Water Resources Association's IckoIben Award (for exemplary interdisciplinary work), the Outstanding APA Colorado Planning Award, and the CSU Office of International Programs Distinguished Service Award. In 2011 Evan Vlachos received an Honorary

Doctorate in Civil Engineering from Aristotle University of Thessaloniki, Greece.

Luis Santos Pereira

Born in Elvas, Portugal, August 13, 1942; married, father of four and grandfather of ten. Agricultural Engineer, Technical University of Lisbon, Portugal, 1969. Post-graduate in Hydrology, Federal Institute of Technology, Lausanne, Switzerland, 1972. PhD, Federal Institute of Technology, Zurich, Switzerland, 1977.

Professor, Agricultural and Biosystems Engineering, Institute of Agronomy, Technical University of Lisbon, 1980-2012. Head, CEER, Biosystems Engineering Research Centre, 1993-2012. Is currently coordinator of a PhD programme on Biosystems Engineering; supervisor or co-supervisor of 31 Doctor Theses (7 more in progress) and 53 MSc. theses. He has been Director General for Hydraulics and Agricultural Engineering, Ministry of Agriculture, Lisbon (1977-80) and consultant with various UN Agencies - FAO, UNDP, WMO, and UNESCO -, IAM-Bari, Italy, and ICARDA, Aleppo.



Invited Professor at the Mediterranean Agronomic Institute of Bari, Italy, at the Inner Mongolia Agricultural University, and for specialization and postgraduate studies at the China Agricultural University and the China Institute of Water Resources and Hydroelectric Power Research, Beijing, as well as research advisor of the Federal University of Santa Maria, Brazil and the International Center for Agricultural Research in Dry Areas (ICARDA), Aleppo, Syria.

Awards and Recognitions

Doctor honoris causa, University of Rousse, Bulgaria, 2005.

Is Hon. President of International Commission of Agricultural Engineering (CIGR), and Hon. Vice-President of the International Commission of Irrigation and Drainage (ICID).

Member, Portuguese Academy of Engineering, and Foreign Correspondent Member of the "Accademia dei Georgofili", Firenze, Italy, the American Academy of Water Resources Engineers and the French Academy of Agriculture. Fellow member, National Institution of Engineers. Recipient of awards and recognitions from ICID and CIGR and from several institutions in USA, Italy, China, India, Egypt, Ecuador, Mexico, Libya, Bulgaria and Portugal.

Research

- Has been leader of CEER, Biosystems Engineering Research Centre, Institute of Agronomy, Technical University of Lisbon, of numerous projects in Portugal and in cooperation of institutions of various countries. Particularly relevant the leadership of international research projects, namely on water management relative to the North China Plain, the Yellow River Basin, the Aral Sea basin and Latin American countries.

- Convenor/co-convenor of numerous international scientific conferences and workshops, in particular a series of Workshops on "Crop Water and Environment Models", a series of Inter-regional Conferences on "Water and the Environment", and a series of Workshops and Training Courses for Latin America. Is presently convening a new series of Inter-regional Conferences on "Land and Water Challenges".

- Member of international research evaluation panels with the European Commission, the CNR of Italy, the Ministry of Science of Spain and CYTED, and for reviewing academic activities with the University of São Paulo, Brazil, the Agricultural Research Centers of CSIC, Spain, and the ICARDA, Aleppo. Is member of the editorial board of several scientific journals.

- Is author or co-author of a large number of papers in journals (180), book chapters (102) and conference proceedings (160) as well as numerous speeches to scientific meetings. Is author/co-author or editor of 34 books.

Benchmark contributions/achievements refer to

a) Crop evapotranspiration, following the Guidelines book on Crop Evapotranspiration. Guidelines for Computing Crop Water Requirements, authored by RG Allen, LS Pereira, D Raes, and M Smith, published by FAO in 1998 as Irrigation and Drainage Paper 56, which is translated into Spanish and Russian. This book is quoted more than 1000 times a year and related concepts and operational procedures are worldwide adopted. b) Modelling the soil water balance, first using the single crop coefficient approach in the ISAREG model, recently with the SIMDualKc model adopting the dual crop coefficient approach. These models are used both operationally and for research by various institutions in several countries.

c) Water Scarcity and Droughts, referring to a tentative of rational approach to cope with water scarcity and droughts, which are the object of a book on Coping with Water Scarcity. Addressing the Challenges, co-authored by LS Pereira, I Cordery and I Iacovides, published in 2009 by the Springer. A first version has been published by UNESCO in 2002. Numerous papers on drought

studies in Portugal and Iran have been published namely in the EWRA journal Water Resources Management.

Honouring Prof. Luis Santos Pereira

speech by Prof. G. Tsakiris

It is a privilege for me to express my respect and admiration for Prof. Luis Santos Pereira for his achievements for promoting new ways of thinking in some crucial areas of water resources management and in particular in the area of agricultural water management.



I have the feeling that Prof. Pereira, apart from his achievements with widespread effect, is virtually everywhere; in Conferences, in Symposia, in Seminars, in any kind of meetings. He is writing papers, books, reports, conference

speeches, he is advising organizations, universities, supervise PhDs etc.

At the same time he is married, having a happy family with children and grandchildren.

I just wonder how he spends a working day!

Always he responds to any query promptly. He is "young" in his response with innovative fresh ideas from the 80's up to now.

They say that when honouring somebody you can use superlatives– But superlatives without explanation and documentation are just hot air.

In the case of Prof. Pereira the documentation is his personality and the devoted participation in everything he does, whenever he participates.

In few minutes I will read you a summary of his CV. But before this I would like to just mention that he is always with young people, writing papers with them and giving them the opportunity to go higher. His cooperation has no limits, no red lines, nothing, just the work.

Now allow me something personal: I have met Luis in many meetings in the past and I confess I like to quarrel with him so that he becomes slightly excited and he makes a real sincere effort to support his views.

In some cases I do not agree with what he is supporting but I always liked him to get serious and persuasive.

Sometimes he forgets. For instance, he has written a preface in a book of mine some 7 years ago. When the

book was published I sent him a copy. Then he argued that he never received a copy.

A couple of years ago we met in Catania and he started complaining that he never received a copy of the book. Then I sent him another copy. Today I asked him whether he received the copy and he persuaded me again that up to now he has not received the second copy. Well, I will send him another copy!

Let me now pin-point some of his important moments of his career. He was born in Elvas Portugal and graduated as Agricultural Engineer from the Technical University of Lisbon in 1969. He did his postgraduate studies in Switzerland (Federal Institute of Technology, Lausanne, 1972) and PhD (Federal Institute of Technology, Zurich, 1977). Professor in Agricultural and Biosystems Eng., Institute of Agronomy, Technical University of Lisbon during the period (1990– 2012). He is supervisor (or co-supervisor) of 31 Doctor Theses, and 53 MSc Theses. He has been Director– general for Hydraulics and Agricultural Engineering in the Ministry of Agriculture of Portugal (1977–1980) and consultant with various UN Agencies (FAO, UNDP, WMO, UNESCO, IAM-Bari, ICARDA).

He is recipient of many awards and recognitions from several institutions in USA, Italy, China, India etc.

He is an active member of the European Water Resources Association participating in almost all its conferences and symposia and writing articles for the journal of "Water Resources Management".

He is author (or co-author) of about 180 journal papers, 120 book chapters, 160 conference proceedings and numerous speeches in scientific meetings.

His benchmark contributions to the water and agricultural sector are:

(a) The "Crop Evapotranspiration" described in the book "Crop evapotranspiration– Guidelines for Computing Crop Water Requirements (FAO, 1988) (Authors: Allen, Pereira, Rae, Smith). It should be mentioned that this book is quoted more than 1000 times a year.

(b) The "Modelling of soil water balance" presented in the models ISAREG and SIMDualKc. These models are used operationally in several countries.

(c) The rational approach to cope with water scarcity and droughts described in the book "Coping with Water Scarcity – Addressing the Challenges (Authors: Pereira, Cordery, Iacovides).

Dear Luis,

I had the privilege to express my gratitude for all your contributions to the water resources management

society and for the Guidance to the new generation of scientists and engineers working in the field. On behalf of the European Water Resources Association I thank you for all you have done!

New Journal by EWRA: Environmental Processes - An International Journal

On June 26, 2013, the General Assembly of the European Water Resources Association (EWRA) held in Porto decided the launching of a new journal called



Environmental Processes. This journal will be supported scientifically by the EWRA and will be published by Springer.

The aim of the new journal is the presentation of original and timely research results and technical papers by academic researchers and professionals outside universities and

research centers, including those in consulting firms, government agencies and public interest groups, on topics concerning the various processes taking place in the natural and the anthropogenic environment. The objective is to contribute towards the improvement of the understanding of environmental processes, aiming to provide solutions to environmental problems.

Specific objectives of the journal, among others, are the presentation of:

- original monitoring data, experimental data, theoretical investigations and mathematical modeling of processes in environmental systems;
- processes related to the interactions of the water, air-atmosphere, and soil-sediment environments with the humans and the biosphere;
- environmental flow processes, hydrodynamics and hydrology;
- pollutant physical, chemical and biological processes, including pollutant sources and origin, fate, dispersion and degradation, transport, deposition and accumulation, and impacts on human health and environmental quality;
- interaction processes between the social, cultural, economic and natural environments;
- evaluation of currently applied and new proposed technologies for protection of the environment;
- testing of currently used and new proposed

monitoring, instrumentation and analysis techniques related to the environmental processes.

- educational, regulatory, and research needs on environmental processes and protection.

Main subjects of the journal include but are not limited to processes in:

- Environmental Fluid Mechanics, Hydrodynamics
- Water Resources Engineering and Management, Hydrology, Surface Water, Erosion and Sediment Transport, Groundwater
- Non-point Source Pollution, Urbanization, Agriculture, Best Management Practices
- Water Quality and Health of Aquatic Systems, Fate and Transport of Pollutants
- Ecosystem Management, Protection and Restoration - Ecohydraulics, Ecohydrology
- Protection and Restoration of the Coastal Environment
- Waste Minimization and Pollution Prevention, Process Modification for Pollution Prevention and Energy Efficiency, Recycling and Reuse of Wastes and Wastewater
- Management and Treatment of Solid, Liquid and Gaseous Wastes, Municipal, Industrial
- Ecological Engineering - Natural Wastewater and Sludge Treatment Systems, Constructed Wetlands, Stabilization Ponds
- Environmental Geotechnology, Remediation of Contaminated Sites, Bioremediation
- Management of Toxic and Hazardous Substances
- Atmospheric Pollution and Control Technology
- Impacts of Global Environmental/Climatic Changes
- Energy, Buildings and the Environment
- Analysis and Forecasting of Natural Hazards - Environmental Risk Management
- Sustainable Development - Environmental/Ecological Economics
- Environmental Impact Assessment and Risk Analysis
- Ecosystem Services, Life Cycle Assessment
- Public/Environmental Health - Industrial/Occupational Hygiene - Indoor Air Pollution
- Remote Sensing - Photogrammetric and Satellite Systems - Earth Observation Systems
- Geographical Information Systems - Environmental Applications
- Mathematical and Numerical Modeling, Systems Analysis, Operations Research, Decision Making - Environmental Applications
- Environmental Legislation and Policy, Environmental

Regulation

- Environmental Education

The readership of the journal includes: Environmental engineers, environmental scientists, civil engineers, water engineers, hydraulic engineers, hydrologists, chemical engineers, mechanical engineers, agricultural engineers, rural and surveying engineers, geoinformatic engineers, geographers, geologists, biogeochemists, geophysicists, earth scientists, geomorphologists, analytical chemists, environmental chemists, climatologists, soil scientists, oceanographers, limnologists, landscape ecologists, ecologists, biologists, fishery scientists, forest scientists, epidemiologists, toxicologists, pharmacologists, environmental economists, social scientists, environmental lawyers, and computer and information scientists, holding positions as academic professors and researchers, practicing engineers and environmental professionals, managers, decision makers, public regulatory agency officials, water company officials, public health officials and policy makers, infrastructure owner/operators, risk managers, public interest groups, NGOs.

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Time of the 1st issue: Spring 2014

Frequency: 4 issues per year

The 8th International Conference of EWRA at a glance

The 8th International Conference of the European Water Resources Association "Water Resources Management in an Interdisciplinary and Changing Context" was successfully organised by the University of Porto and have attracted the attention of experts and scientists from several European countries (Italy, Portugal, Spain, Greece, Cyprus etc.), from countries of Middle East and some countries of the East. About 250 scientists and engineers have attended the Conference in Porto.



An involved and attentive audience.



The panel of the introductory session.

The Conference was organised in the midst of an unprecedented economic crisis affecting most countries of the world. Due to these adverse conditions, environmental issues and issues related to water resources management are not in the centre of interest of governments and institutions.



The Poster Session.

The Conference was held to remind, among others, that the major water problems still remain in most countries of the world and that the future decades may cause more problems in the water sector and the environment, not clearly foreseen today. In

short, as the title of the Conference indicates, the Conference was dedicated to issues of water resources management in an uncertain and changing context.



The panel of the side event HORIZON 2020.



The organisers.

Selection of papers coming from the Porto Conference

The selection of papers coming from the Porto Conference to be submitted to the journals has been completed.

Finally 104 papers were selected, 33 for the journal of Water Resources Management, 33 for the journal European Water, 20 for the Water Utility journal and 18 for the journal of Environmental Processes.

The selection was made (as agreed in the GA of Porto) by Prof. R. Maia and Prof. L. S. Pereira for Water Resources Management, by Prof. A. Loukas for the European Water, Prof. G. Tsakiris for the Water Utility Journal and by Prof. V. Tsihrintzis for the Environmental Processes.

The detailed lists of selected papers for the EWRA journals can be found at www.ewra.net. The authors are invited to amend and submit their articles by 15 of November 2013 according to the Guide for Authors of

each journal. Articles may be expanded with additional material. The title may also be modified. All articles will be reviewed once again before publication.

EWRA - International Symposium «Water Utility Support» Athens - Greece, 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.

Programme

8:30 – 9:30 Registration

Session I (Chair: Tsakiris G., Tsihrintzis V.)

9:30 – 9:45 Scope and Objectives

9:45 – 10:15 Rational Design of Urban Water Supply and Distribution Systems (G. Tsakiris)

10:15 – 10:45 Sewer Systems: Failures and Rehabilitation (C. Damvergis)

10:45 – 11:15 Leak Detection and Water Loss Management (B. Charalambous, D. Foufeas, N. Petroulias)

11:15 – 11:45 Coffee break

Session II (Chair: Laspidou C., Angelakis A.)

11:45 – 12:15 Data Collection and Handling (T. Hatzichristos)

12:15 – 12:45 Mapping and GIS Support (G. Photis)

12:45 – 13:15 Pricing Policies - Principles of Privatisation (V. Kanakoudis, S. Tsihsifli)

13:15 – 13:45 Municipal Wastewater Treatment using Constructed Wetlands (G. Gikas, V. Tsihrintzis)

13:45 – 14:45 Light lunch

Session III (Chair: Kanakoudis V., Vangelis H.)

14:45 – 15:15 Performance Evaluation of WDS - Optimised Operation (M. Spiliotis)

15:15 – 15:45 Water Reuse: Current Practices and Trends in the EU and the World (A. Angelakis)

15:45 – 16:00 Coffee break

16:00 – 16:30 ICT and Stakeholder Participation for Improved Urban Water Management in the Cities of the Future (C. Laspidou)

16:30 – 17:00 Applications of Hydroinformatics in Municipal Water Systems (S. Michas)

17:00 – 17:30 Social Media Support for Water Utilities (R. Safiolea, A. Zamani)

17:30 – 18:00 Decision Making Tool for Planning Blue-Green Dream Applications (B. Todorović, C. Maksimović)

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). 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 15th of May 2014 and will be available to the participants during the Symposium.

Organisation

- European Water Resources Association (EWRA)
- Centre for the Assessment of Natural Hazards (CANaH), and Laboratory of Reclamation Works and Water Resources Management (Lab RW&WRM), 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 (H.A. Consulting engineers)

Organising Committee

- G. Tsakiris (EWRA, CANaH)
 V. Tsihrintzis (EEDYP, CANaH)
 C. Damvergis (H.A. Consulting Engineers)
 D. Alexakis (CANaH, Lab RW&WRM)
 H. Vangelis (EWRA, Lab RW&WRM)

Venue and Date

The Symposium will be held in Athens at the National Technical University Campus (Polytechniupolis - Zografou), Building of Rural and Surveying Engineering School, 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.

Registration

The registration of the participants should be made some days prior to the Symposium date. Attendance of the Symposium is free of charge for all registered participants.

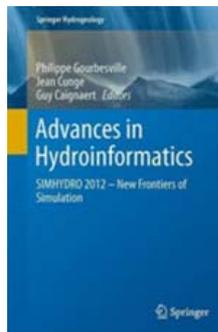
Information

Information on the Symposium and the Exhibition can

be given by the EWRA Secretariat in Athens:
 tel.: +30 210 7722700, +30 210 7722698
 e-mail: water@survey.ntua.gr

Advances in Hydroinformatics Simhydro 2012 - New Frontiers of Simulation

Publication Year : 2013
 Published by : Springer
 ISBN-10 : 981445141X
 Binding : Hardback
 Pages : 450

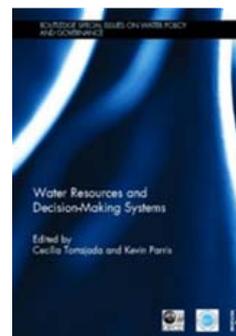


Extended papers which have been presented during the SIMHYDRO 2012 conference (Sophia Antipolis, September 2012) are included in this book.

The state of the art numerical simulation in domains is presented in this book, including: (a) 3D CFD and applications, (b) new trends in modelling for river, urban and marine hydraulics; (c) practitioners and stakeholders of simulation. This book will be particularly valuable for engineers, scientists and practitioners involved in the field of numerical modelling in the water sector: hydraulic machineries, natural resources preservation, flood management, and innovation in numerical methods, applications and 3D developments.

Water Resources and Decision-Making Systems Tortajada C. and Parris K. (Eds)

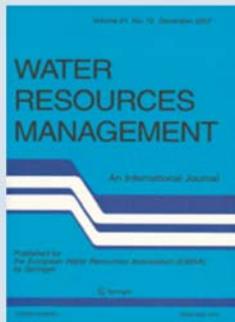
Publication Year : 2013
 Published by : Taylor & Francis Ltd
 ISBN-10 : 041585427X
 Binding : Hardback
 Pages : 128



This book could be the catalyst for adapting policies to provide more effective and efficient management of water resources and advance governance and institutional reforms in the water sector. This title is based on a special issue of the International

Journal of Water Resources Development.

European Water Resources Association Journals



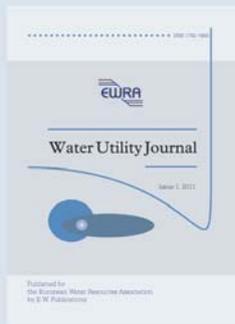
Water Resources Management

- starting date: 1987
- schedule: 15 issues per year



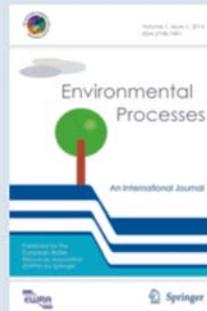
European Water

- starting date: 2003
- schedule: 4 issues per year



Water Utility Journal

- starting date: 2011
- schedule: 2 issues per year



Environmental processes

- starting date: 2014
- schedule: 4 issues per year