

Introduction

Water is essential for human, animal and plant life and is also a key driver of economic and social development. Protection of water resources and promotion of a sustainable water use are therefore main cornerstones of environmental policies worldwide. Although important progress on water management, infrastructure, technologies and legislation have been made over the past decades in many developed and developing countries, further efforts are still required to properly face major concerns such as floods and droughts, water scarcity, water pollution, as well as access to safe sanitation, which can be further increased by climate change, population growth and urbanization.

The objective of the 6th International Symposium of the European Water Resources Association is to provide an open forum for analyzing the main challenges for an effective water resources management, also able to adapt to climate change impacts. Particular emphasis will be devoted to the developments in the application of EU policies on water resources management (i.e. Water Framework Directive 2000/60, Floods Directive 2007/60 and Water Scarcity and Droughts Strategy), as well as to the latest advancements in water engineering all over the world.

Abstracts could be proposed in all the sections of the Symposium. The first section will include papers referring to the implementation of EU Directives in the European member states. The second section will accept conventional academic papers and the third section will be more applied and practical.

Sections of the Symposium

• Section A “Water resources management”

- Evaluation of implementation of the EU Directives 2000/60 and 2007/60

• Section B “Scientific Advances”

- Advanced models and methods to improve the understanding and mitigation of hydrological extreme events
- Recent approaches and tools for water resources management under global change
- Technological and management innovations for water services

• Section C “Specialised workshops”

- Water quality, desalination and non-conventional water resources
- Climate change, extreme events and water security
- Water systems efficiency
- Energy and technology

Scientific Committee

• Alexandrov Vesselin

National Institute of Meteorology and Hydrology (Bulgaria)

• Andreu Joaquin

UPV Valencia (Spain)

• Badescu Viorel

Polytechnic University of Bucharest (Romania)

• Benedini Marcello

Italian Hydrotechnical Association (Italy)

• Burlando Paolo

ETH Zürich (Switzerland)

• Cancelliere Antonino

University of Catania (Italy)

• Charalambous Bambos

Water Board of Lemesos (Cyprus)

• Christodoulou Symeon

University of Cyprus (Cyprus)

• Diodato Nazzareno

Met European Research Observatory (Italy)

• Garrote Luis

Technical University of Madrid (Spain)

• Hamilton Stuart

Hydro Tec Ltd (United Kingdom)

• Hrissanthou Vlassios

Democritus University of Thrace (Greece)

• Iglesias Ana

Technical University of Madrid (Spain)

• Maia Rodrigo

University of Porto (Portugal)

• Pereira Luis

Technical University of Lisbon (Portugal)

• Rossi Giuseppe

University of Catania (Italy)

• Salas José

Colorado State University (USA)

• Savic Dragan

University of Exeter (United Kingdom)

• Sechi Giovanni

University of Cagliari (Italy)

• Tsakiris George

National Technical University (Greece)

• Versace Pasquale

University of Calabria (Italy)

• Yannopoulos Stavros

Aristotle University of Thessaloniki (Greece)

Organizing Committee

Antonino Cancelliere
University of Catania (Italy)

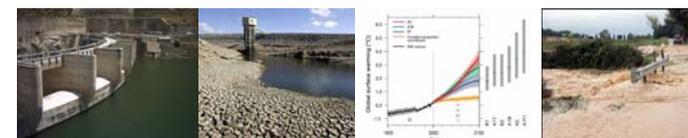
Brunella Bonaccorso
University of Catania (Italy)

Giuseppe Rossi
University of Catania (Italy)

Leila Castiglione
University of Catania (Italy)

George Tsakiris
NTUA (Greece)

David Johnny Peres
University of Catania (Italy)



Language

Official language of the workshop is English

Venue

The Symposium will be held in Catania, located in the Eastern coast of Sicily, at the foothills of beautiful Mount Etna, the tallest active volcano in Europe. Catania international airport is very well connected with many Italian airports (including Rome and Milan) as well as with several European cities.

Accommodation

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

Proceedings and Special issues

A book of abstracts and a CD with the full papers will be distributed at the Symposium.

Selected papers will be included in a special issue of the journal *Water Resources Management* published by Springer. Selected papers will be also included in the journals *European Water* and *Water Utilities Journal* published by E.W. Publications.

Secretariat

Department of Civil and Environmental Engineering
Viale A. Doria 6 - 95125 Catania, Italy

Fax: +39 095 7382748

E-mail: ewra2011@dica.unict.it
http: www.ewra2011.dica.unict.it

Important dates

Submission of abstract: **7 March 2011**
Notification of acceptance: **31 March 2011**
Submission of full paper: **30 April 2011**
Acceptance: **31 May 2011**

Registration fee

	On or before March 31, 2011	From April 1, 2011
EWRA members	280 €	340 €
Non EWRA members	310 €	360 €
Students	150 €	150 €

Registration fee includes coffee breaks, two lunches, a CD of Proceedings and a Book of abstracts

Further information available at:

www.ewra2011.dica.unict.it

www.ewra2011.ewra.net



European Water
Resources
Association



University of Catania
Department of Civil and
Environmental Engineering



Italian
Hydrotechnical
Association

Second announcement and Call for papers

VI International Symposium **Water Engineering and Management in a Changing Environment**



Catania, Italy

June 29st-July 2nd, 2011

