

First Announcement
and
Call for Papers

4th International Conference on Water Economics, Statistics, and Finance

Catholic University of Chile
Santiago, Chile
26 to 28 April 2017

Organizers

Water Challenges in XXI Century: Role of Economics, Statistics and Finance

Santiago de Chile, 26 to 28, April 2017

Invitation

We are pleased to invite you to participate in the 4th International Conference on Water Economics, Statistics, And Finance, organised by the Specialist Group on Statistics and Economics. The conference will be held in parallel with the IWA Infrastructure Asset Management conference, in the beautiful southern capital of Chile, Santiago City.

The conference global theme, “Water Challenges in XXI Century: Role of Economics, Statistics and Finance”, underpins major challenges of sustainable water management, water security, growing water scarcity, decreasing water quality, and increasing frequency of extreme events. These challenges require sustainable water management where water, ecosystems and livelihoods are secured.

Developing a better understanding of the economic value of water security is a priority. A major source of water management problems is the fact that water resources have a high value which has not been fully considered by all water users and explicitly accounted for

in water policies, hindering development of effective strategies for solving the water crisis. Thus, without improved signaling on the true value of water , sustainable development may not materialize and ecosystems quality may be permanently damaged

Water management faces a range of dynamic pressures due to climate change, growing water scarcity, increasing water demands decreasing water quality, and increasing frequency of extreme events. Under this context, current models of water management and infrastructure are no longer sufficient to insure water security.

The 4th International Conference on Water Economics, Statistics, and Finance seeks to contribute to the above issues and challenges from an economics, statistical, and financial framework. The conference is aimed at specialists interested in economics, statistics, and financing of water issues.

Last but not least, this Conference together with the International Conference on Infrastructure Asset Management will be a key moment to discuss trends and innovation in, current models of water management.

Subject and topics

Water policy-makers, water users of all sectors and scientists and academics, water utilities managers, consultants and other water professionals from all over the world are invited to reflect, debate and present state-of-the art oral and poster presentations related to the leading challenges in water management, supply and sanitation, finance and policy, from an economics, statistical, and financial framework. Main target-topics are:

- Water resources management:
 - Sustainable management of water resources
 - IWRM
 - Decision-making frameworks that are appropriate under increasing uncertainties due to climate change
 - Disaster risk management (droughts and flooding)
 - Economics of water security
 - Sustainable groundwater management
- Water governance, regulation, and institutional frameworks:
 - Tools for good governance
 - Indicators for good water governance
 - Case studies of good water governance
- Water statistics and data collection methods:
 - Data-collection strategy
 - Data sources and methods
 - Metadata and data quality
- Urban water supply and sanitation:
 - Financing urban water and sanitation utilities
 - Efficient water tariff structures and affordability
 - Assessing urban water and sanitation utility’s performance
 - IWRM approach applied in an urban context
- Rural water supply and sanitation:
 - Shift from traditional rural supply approaches focused on infrastructure provision towards the supply of a reliable service in the long run
 - Sustainability for basic rural sanitation
 - Financial policy for rural water and sanitation
- Agricultural water management:
 - Improving agricultural water productivity
 - Adaptation strategies for agricultural water management under climate change
 - Environmental impacts of agricultural water management

Submitted papers will be presented in oral or poster platform and selected papers will be peer reviewed to be published in scientific journals.

Organising Committee

- Guillermo Donoso (Chair), Pontificia Universidad Católica Chile / IWA SG Statistics and Economics, Chile
- Ed Smeets, EdmadiBV / Chair of IWA SG Statistics and Economics, TheNetherlands
- Francesc Hernandez, Universidad de Valencia / IWA SG Statistics and Economics, Spain
- Jan Hammenecker, De Watergroep/ IWA SG Statistics andE conomics, Belgium
- Konstantinos Tsagarakis, Democritus Universityo f Thrace/ IWA SG Statistics and Economics, Greece
- María Molinos-Senante, **Pontificia Universidad Católica Chile** / IWA SG StatisticsandEconomics, Chile
- Katerina Stamatelatou, Democritus University of Thrace, Greece
- Rita Amaral, Lisbon University/ IWA YWP, Portugal
- Aisha Mamade, Lisbon University/ IWA Strategic Asset Management SG, Portugal
- Gabriel Silva, Inst. Sup. Engenharia do Porto / Águas do Centro Litoral (AdP Group), Portugal
- Helena Alegre, LNEC / Chair of IWA Strategic Asset Management SG, Portugal

Scientific and Program Committee

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| Guillermo Donoso, Pontificia Universidad Católica de Chile, Chile | Deb Galardi, Galardi Rothstein Group, USA |
| Ed Smeets, Edmadi BV, The Netherlands | Felipe Vasquez Lavin, Universidad del Desarrollo, Chile, Chile |
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| Cecilia Tortajada, Institute of Water Policy, Lee Kuan Yew School of Public Policy, National University of Singapore, Singapore | Yacov Tsur, The Hebrew University of Jerusalem, Israel |

● Procedure for submission

Authors may submit online a long abstract (max. 800 words) in a standard format.

For guidelines on formatting and to find out other information about the conference, visit <http://water2017.contactochilecom.cl>

The following information should be included in your submission:

- Author’s name and affiliation;
- Topic (from list presented in page 3);
- Title of presentation;
- Preferred type of presentation (oral or poster);
- Three to five Key Words (to help with identification);
- Contact person’s e-mail address, postal address, and telephone and fax numbers.

On the basis of the proposals submitted, a review will be undertaken to select papers for presentation (oral or poster). Authors will be notified of the outcome of the review in order to prepare the full papers.

Submissions should demonstrate special contribution to the advance in knowledge regarding the conference topics. At least one author for each selected paper must register and attend the conference to present the paper.
Authors must meet their own expenses to attend the conference.

● Paper publication

The approved oral and poster presentations can be downloaded via the Conference website, exclusively for the registered participants. Publication in this website will require at least one registered author for the Conference, in order to be posted.

Selected papers may be published in IWA Journals. Paper selection will be based on merit and will be decided by the Conference Scientific and Program Committee from poster and oral presentation full papers.

The feasibility of publishing a book after the Conference with selected state-of-the art reports, invited speakers presentations, outputs of panel discussions and authors collaboration on a selected number of themes will be considered by the Scientific and Program Committee, based on the merit and completeness of the materials produced for and during the Conference.

● Structure of the sessions

The Conference will be organised in thematic sessions, combining invited speakers and open platform presentations. Invited speakers are responsible for the preparation of a summary state-of the art report for each topic, partially based on the papers submitted and accepted.

● Language

The language of the conference is English.

● Technical Exhibition

A Technical Exhibition will be offered as a complement of the oral and poster presentation sessions. Asset management service providers are invited to participate. Visit the Conference website for more information.

● Deadlines to remember

Abstract submission: 15 August 2016
Authors’ notification: 30 October 2016
Full paper submission: 14 January 2017
Early bird registration: 14 January 2017
Conference venue: Centro de Extension, Catholic University of Chile, Santiago City

● Contacts

For more information about the Conference, visit:
<http://water2017.contactochilecom.cl>

Please note, we have secured the services of ContactoChile for all logistic matters. For registration, accommodation, and other local help, please contact Andrea Lagarini or Soledad Varela at: water2017@contactochilecom.cl