



2nd IWA Development  
Congress & Exhibition



# CALL FOR PAPERS

## 2<sup>nd</sup> Development Congress

### Kuala Lumpur



21-24 November 2011

[www.iwa2011KL.org](http://www.iwa2011KL.org)

Organisers



International  
Water Association



Malaysian Water  
Association

## Message from IWA President



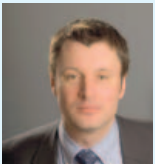
Glen Daigger,  
IWA President

Communities and water professionals in developing countries are facing unprecedented challenges in the delivery of safe, clean drinking water and sanitation services. IWA introduced its Development Congress series to highlight the most significant and impactful advances in this field. In particular, the focus of this Congress is to share experience of 'what works' and 'works at scale' in low and middle income countries – ranging from smart technological solutions through to innovations in non-technical spheres and capacity strengthening initiatives.

The 2011 edition of the Development Congress will see its first visit to East Asia, in Kuala Lumpur, Malaysia. You will be joining 800 of your peers from around the world, including researchers, practitioners, policy makers, consultants, manufacturers, technology suppliers and members of the international development community, who play a key role in translating knowledge into workable policies, programmes and research that result in action on the ground.

The Development Congress series is rapidly emerging as a pre-eminent development-oriented event in the sector, and is an event not to be missed.

## Invitation from Chair of Programme Committee



Darren Saywell,  
Chair of Programme  
Committee

Ensuring access to safe, inexpensive and reliable sources of water and improved sanitation and wastewater services in developing countries are amongst the greatest global challenges of this century. The beneficial impact that emerging technologies and innovative approaches can have in making clean water and sanitation more accessible to more people cannot be overstated.

The 2nd IWA Development Congress will focus on workable approaches for the global water sector in low and middle income countries, from challenges to service delivery, through technological innovation, to implementation and delivery. The aim is to develop and help set the research and practice agenda for water and sanitation services internationally.

On behalf of the Programme Committee, I invite researchers and practitioners worldwide to submit abstracts for the 2nd IWA Development Congress, Kuala Lumpur, Malaysia. Your participation – as presenters and delegates – will ensure that the Development Congress maintains its hallmarks: the highest quality for a technical content that reflects rigor and relevance, and the greatest opportunity for networking.

As well as traditional conference sessions you will be encouraged to learn from your peers and share knowledge in practice-based workshops. There will be suitable time throughout the programme for networking, dialogue and discussion, including a series of plenary level dialogues with progressive thinkers and practitioners in the sector. There will also be an exhibition of knowledge institutes and other organizations involved in the development of clean, safe drinking water and sanitation services.

The programme will be organized by themes, which are described in this Call. The Programme Committee is inviting recognized world leaders to anchor each theme, and it seeks additional platform speakers, workshop leaders, and poster presenters to complement the invited speakers. All abstracts will be peer reviewed to ensure high quality and thematic consistency. In fact, the programme will feature only the most recognized and original thinkers and practitioners in the field. I encourage your participation and look forward to welcoming you to Kuala Lumpur.

## About IWA

The International Water Association is a global network of water professionals, spanning the continuum between research and practice and covering all facets of the water cycle. Through IWA members collaborate to promote the development and implementation of innovative and effective approaches to water management.

The strength of IWA lies in the professional and geographic diversity of its membership – a global mosaic of member communities, including academic researchers and research centres, utilities, consultants, regulators, industrial water users and water equipment manufacturers. IWA members from each of these communities represent the leading edge in their fields of expertise; together they are building new frontiers in the research and implementation of water and wastewater treatment technologies, with the framework of the total water cycle.

## About MWA

Malaysian Water Association is a non-profit and independent national association of individuals and organisations interested in all aspects of the water and wastewater industries. Membership is multi-disciplinary and its members represent the full spectrum of the Malaysian water and wastewater industries. Funding is derived from subscriptions and Association activities.

As the leading water industry association in Malaysia, MWA seeks to represent the common interest of all water supply and wastewater industry players and to serve as the main Malaysia link in the international water industry network.

The cornerstone of the Association's activities is the voluntary work of a large group of active Association members and many other professionals from the water and wastewater authorities, institutions and companies in the Malaysia water fraternity.

MWA has grown to a total membership of more than 2,000 members since its formation in 1988.

## The themes and topics of the 2nd IWA Development Congress

The overarching goal of IWA's Development Congress series is to identify, showcase and debate practical experiences and examples of service provision in developing countries that 'work', and critically, 'work at large scale'. The Congress is therefore explicitly solutions focused, rather than diagnosing the challenges and problems in the sector, which are already well documented.

Within this framework, the themes and topics of the Congress are relevant to the arena in which most progress in terms of coverage and implementation solutions must be made: urban service provision in low and middle income countries.

Two themes (Urban water supply service provision; Urban sanitation and wastewater service provision) deal directly with the technical and technological dimensions of service provision, including options, systems and their performance and innovations).

As sector professionals, we understand that infrastructural considerations alone are insufficient for success and must be part of an integrated package, including non-technical components, if we are to achieve sustainable outcomes and returns on infrastructure investments. Accordingly, the third theme of the Congress (Managing, planning and financing urban water and

sanitation services) addresses the ways in which services are managed; the institutional, financial and regulatory conditions that are necessary for success, or the opportunities for service provision through the use of non-traditional partnerships.

A unifying thread running through the Congress series is how users of services are considered, consulted and participate in the planning, management and operation of those services - hence the emphasis of the fourth theme (Social dimensions).

<b>Urban water supply service provision</b>	<ul style="list-style-type: none"> <li>• Alternative and innovative water supply technology options</li> <li>• Decentralised and small water systems</li> <li>• Innovation in access to water services</li> <li>• 24/7 water supply in intermittent supply environment</li> <li>• Demand management, water conservation measures, upstream catchment management</li> <li>• Asset management</li> </ul>
<b>Urban sanitation and wastewater service provision</b>	<ul style="list-style-type: none"> <li>• Alternative technology options and technology mix</li> <li>• Decentralized wastewater management systems</li> <li>• Faecal sludge management, biosolids, waste as a resource</li> <li>• Innovation in access to improved sanitation services</li> <li>• Environmental sanitation and hygiene</li> </ul>
<b>Managing, planning and financing urban water and sanitation services</b>	<ul style="list-style-type: none"> <li>• Governance, regulation, norms, standards</li> <li>• Optimising public and private roles in service provision</li> <li>• Urban service supply chains and links to small scale independent providers</li> <li>• Institutional development and institutional capacity building</li> <li>• Operation and maintenance practices and approaches in developing countries</li> <li>• Pricing, financing (capital works) and financing options (utility, sector)</li> <li>• Use and application of planning frameworks</li> <li>• Risk assessment and preparedness in response to climate change variability</li> <li>• Assessing human resource capacity shortages</li> <li>• Innovation in education and training approaches of sector professionals</li> <li>• Monitoring and data for the MDGs</li> <li>• Operator partnership approaches</li> </ul>
<b>Social dimensions</b>	<ul style="list-style-type: none"> <li>• Consumer concerns, customer management, awareness and information</li> <li>• Participatory processes and methodologies</li> <li>• Behaviour change at community level</li> <li>• Community engagement and management models</li> </ul>

## We invite you to submit a paper

Submitting a paper for the IWA Development Congress will give you an opportunity to present your work to a global audience and also the opportunity of publication in a leading international peer-reviewed journal. The congress technical programme will consist of platform presentations, poster presentations, workshops and panel discussions.

All submissions will be peer-reviewed by selected international reviewers to assist the Programme Committee in their final selection of papers. The programme committee will make their selections for the programme based upon the scores and comments submitted by reviewers. The reviewers will consider the submissions in the light of the following questions.

- Does the subject matter fit the themes of the congress?
- Is the paper clearly set out and understandable?
- Are the conclusions and work reported correct and valid?
- Is the work interesting and likely to prompt discussion at the congress?

### Paper and poster presentations

All submissions and presentations should be in English.

You may submit by 21 November 2010 an outline paper of about 1,000 words (2 A4 pages).

If you submit an outline paper and it is selected for presentation you will need to submit a full paper by 1 August 2011.

### Conditions of presenting

Notification of selection of your presentation will be sent to you early in April 2011. For your paper to be included in the programme and presented at the congress, a paid registration must be received by 15 June 2011 for the presenting author. Presenters will be responsible for their own expenses.

### How to submit your presentation

Please submit your presentation online: [www.iwa2011kl.org](http://www.iwa2011kl.org).

To view the submission guidelines and templates please also go to: [www.iwa2011kl.org](http://www.iwa2011kl.org).

### Deadlines

- **Submit paper**  
21 November 2010
- **Presenters notified of selection**  
15 April 2011
- **Submit full paper**  
1 August 2011
- **Presenting author registers**  
1 August 2011

### Programme Committee

- Darren Saywell (Chair) **The Netherlands**  
 Ir Syed Adnan **Malaysia**  
 Viet Anh Nguyen **Vietnam**  
 Isa Bakar **Malaysia**  
 Jamie Bartram **USA**  
 Jay Bhagwan **South Africa**  
 Robert Bos **Switzerland**  
 Damir Brdjanovic **The Netherlands**  
 Isabel Blackett **Indonesia**  
 Faoud Djerrari **Morocco**  
 Jan Janssens **Switzerland**  
 Blanca Jimenez Cisneros **Mexico**  
 Roland Liemberger **Philippines**  
 Arthur Macintosh **Australia**  
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 Dayanand Panse **India**  
 Nilton Seuaciuc **Brazil**

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