

AMSTERDAM
INTERNATIONAL
WATER WEEK



AIWW CONFERENCE
CALL FOR PAPERS



AIWW CONFERENCE **2-6 NOV 2015**
Integrated Solutions for a Circular
Economy and Resilient Cities

**SUBMIT
YOUR OUTLINE
FOR PAPERS
BEFORE
FEBRUARY 14TH
2015**

Make the connection, come to the Amsterdam International Water Week:
www.internationalwaterweek.com



A TIME OF TRANSITION:

towards Global Sustainability, a Green Economy and Resilient Water Cities

By 2050, the urban population is expected to increase by 5.6 to 7.1 billion people, representing respectively 64 and 69% of the total human population. The pressure over scarce resources such as water, energy, and food together with the impacts introduced by climate change drives the transition to a different paradigm of human development. A circular, green economy with water at the core of cross-sectorial sustainable development is a global priority. The focal areas in the water sector are: drinking-water supply and sanitation, wastewater management including recycling and reuse, and integrated water resources management.

The majority of cities around the world are located in low-lying river deltas. These cities face a wide range of challenges such as the need to ensure the availability of sufficient fresh water of good quality, the need to ensure effective wastewater management and the need to consider, in planning and implementation, the water requirements related to food and energy security. Setting the framework for an accelerated pathway to a global green economy, the Sustainable Development Goals are expected to tackle fragmentation through increased inte-

gration and break down silo structures thus opening the way to horizontal cooperation. The nexus concept is a key focus area of the Amsterdam International Water Week. It proposes to re-orient the search for sustainable solutions on the interface between sectors and disciplines. The Amsterdam International Water Week 2015 is the opportunity to work upstream on policy-relevant water and energy initiatives to maintain the dynamics and competitiveness of delta cities.

OVERARCHING THEME AND RATIONALE

The third Amsterdam International Water Week (AIWW) will pick up from where AIWW 2013 left off, ensuring continuity in its philosophy of pursuing integration and innovation through dialogue, while responding to rapidly emerging developments and trends by reflecting on, promoting and disseminating sustainable water solutions for the 21st century.

Amsterdam International Water Week is the venue for water business unusual:

- » Creating a platform for missing conversations that contribute to integrated water solutions for sustainable and resilient cities and delta areas;
- » Bringing together scientists, practitioners and decision-makers from the public and private sector in a mix conducive to innovation and technology transfer;
- » Emphasizing recycling and re-use of water, energy and raw materials as critical building blocks for the circular economy, ever more prominent in efforts at “going green”;
- » Exploring new strategies in risk and opportunity assessment that underpin the financing of infrastructure and water management focused on renewal and resilience;
- » Showcasing up-to-date technology for environmental engineering and management to protect against extreme weather events, marine surges and peak river floods; and,
- » Connecting young professionals to experienced professionals.



ABOUT THE AMSTERDAM INTERNATIONAL WATER WEEK

Amsterdam International Water Week takes place in the capital of the Netherlands, a country with centuries of experience in innovation in water technology and governance. In this setting, Amsterdam International Water Week is unique for several reasons:

Leadership in Thinking and Practice

- » Hear key-notes from leading professionals on how water technology and water management can catalyse the transition to a green economy;
- » Interact with leading technology developers and providers, and gain new ideas on how innovations can solve existing and new challenges;
- » Directly observe new technologies, equipment and materials at the Aquatech Exhibition that is part of Amsterdam International Water Week.

Networking and Learning

- » Find a focus on integrated water solutions connecting international water professionals to actors from sectors such as energy, industry, waste water management and urban planning;
- » Be exposed to the latest in best practices and lessons learned on water and the green economy – the leading edge of building sustainability and resilience;
- » Be part of an international learning environment with ample opportunity to network across sectoral and geographical boundaries.

Young Water Professionals

- » Especially for students, PhD's and young water professionals, the AIWW offers an extensive programme to explore the job market, meet experienced water professionals, find out the

last innovations in the water sector, work together on local solutions for the existing water crises and to build your own network.

Technology Enabling Environment

- » Discover new opportunities for innovation and business around the world;
- » Meet opinion leaders and policy makers to exchange ideas on creating the right governance arrangements for water in the green economy.

The Amsterdam International Water Week (2-6 November 2015, Amsterdam, The Netherlands) combines several events, offering a unique combination of solutions, policy and science:

- » AIWW conference: the world's only conference on integrated water solutions, inspiring key notes and sessions, the Industry Leaders Forum (ILF), Utility Leaders Forum (ULF), Delta Leaders Forum (DLF), 40 international delegations, debate and networking opportunities.
- » Aquatech Amsterdam: Europe's leading water technology exhibition offers 25.000m² overview of innovative solutions, 850 exhibitors, 20.000 visitors
- » Excursions in the Dutch living lab: Visit best practices on the frontier of land and water
- » Sarphati Sanitation Award: Be inspired by outstanding entrepreneurs in the field of water and sanitation
- » Young professionals programme: Get to know tomorrow's water leaders.

Make the connection, come to the Amsterdam International Water Week. Register for our newsletter on www.internationalwaterweek.com



YOU ARE INVITED TO SUBMIT YOUR PAPER

Timeline for Programme Development

- » Call for outline papers (2 pages) open: November 24th, 2014
- » Outline paper submission closes: February 14th, 2015
- » Authors notified of acceptance: April 30th, 2015
- » Draft Programme: May 15th, 2015
- » Advanced Programme: July, 2015
- » Submission of Full Paper: August, 2015

Publication: For more information about the procedure and to submit your papers: www.internationalwaterweek.com
For information about the call for papers: Joao Grilo, Programmes Officer, International Water Association (IWA), aiwwprogramme@iwahq.org

THEMES AND PRIORITIES

Become a part of the debate for integrated solutions and submit your papers for the Amsterdam International Water Week 2015. In keeping with the focus of the Amsterdam International Water Week, the organization highly values papers where different sectors and/or specialist fields are integrated. The AIWW welcomes different types of papers within the themes mentioned below, ranging from research, both fundamental and practical, to operational issues and case studies, monitoring and control, design, construct, finance and maintenance, to technology and innovations. If you feel your paper contributes to the aims of the AIWW, but does not fit in one of the themes mentioned below, please contact us. Within the main theme, the AIWW conference focuses on three subthemes and cross cutting themes:

Urban Utilities & the Circular Economy

- 1 - Desalination of seawater and brackish groundwater
- 2 - Trade-off between resources and energy from the water cycle
- 3 - Artificial recharge for sustainable use of groundwater as source for drinking water
- 4 - Improving efficiency of networks
- 5 - Integrated water cycle management
- 6 - Information driven operations: smart water grids, social media and more
- 7 - Smart asset management
- 8 - Other relevant topics

Sustainable Production & Industrial Response: Reduce, Reuse and Recover

- 1 - Industrial water use and climate change (flood and drought)
- 2 - Reducing the climate footprint of water and energy
- 3 - Industrial water use and discharge
- 4 - Water efficient food production
- 5 - Water management for oil and gas
- 6 - Corporate risk management and water
- 7 - Other relevant topics

Urban Resilience & Adaptation to Climate Change

- 1 - Water resilient approaches for Delta's
- 2 - Water resilient urban design
- 3 - Land use, development and resilience
- 4 - Disaster preparedness, response and recovery
- 5 - Multi-barrier approach to resilience
- 6 - Synergies of natural and built infrastructure
- 7 - Other relevant topics

Cross cutting: Finance, Governance and Preconditions for Sustainable Solutions

- 1 - Governance and the transition to a circular economy
- 2 - Managing water across boundaries and silos
- 3 - Fiscal policies and instruments for sustainable full cost recovery
- 4 - Civil society engagement and participation



PROGRAMME COMMITTEE

The overarching responsibility of the Programme Committee is to guide the development of the technical programme and soliciting contributions. It will review the submitted abstracts/papers and support the development of the draft and final conference programme. The programme committee chair and track leaders are:

Name	Organization
Ger Bergkamp (Chair)	International Water Association (IWA)
Track 1 Urban resilience and adaptation to climate change	
Lennart Silvis	Netherlands Water Partnership, The Netherlands
Rob Skinner	Melbourne Water, Australia
Henk Ovink	Ministry for Infrastructure & the Environment, The Netherlands
Ab Veldhuizen	Alterra, the Netherlands
Christoff Schemmer	OiR, Austria
Eleanor Allen	Arcadis, USA
Guus Stelling	Technical University of Delft/University of Singapore
Fumiyaka Nakajima	University of Tokyo, Japan
Jaap Kwadijk	Deltares, The Netherlands
Lykke Leonardse	Municipality Copenhagen, Denmark
Xiaoyan Wang	Xi'an University of Architecture and Technology, China
Bart Parmet	Ministry for Infrastructure & the Environment, The Netherlands



Name	Organization
Track 2 Urban Utilities & the Circular Economy	
Roelof Kruize	Waternet, The Netherlands
Harro Bode	Ruhrverband, Germany
Wim van Vierssen	KWR Water Cycle Institute, The Netherlands
Adam Lovell	Water Services Association of Australia, Australia
Christian Günner	Hamburg Wasser, Germany
Jan Peter van der Hoek	Technical University of Delft, The Netherlands
Jeroen de Swart	AEB, Amsterdam Waste to Energy Company
Jiri Wanner	Prague Institute of Chemical Technology, Czech republic
Jurg Drewes	Technical University of Munchen, Germany
Kenneth Persson	University of Lund, Sweden
Mark Smith	IUCN Global Water Programme
Mark van Loosdrecht	Technical University of Delft, The Netherlands
Sjef Ernes	Aqua for All, The Netherlands
Tom Williams	International Water Association (IWA)
Willy Verstraete	University Ghent, Belgium
Track 3 Sustainable Production & Industrial Response: Reduce, Reuse and Recover	
Menno M. Holterman	Nijhuis Industries, The Netherlands
Daan Dijk	Rabobank, The Netherlands
Adrian Sym	Alliance for Water Stewardship, Belgium
Albert E. Jansen	TNO, The Netherlands
Albert J.H. Janssen	Shell (International)
Annelies Schenk	RAI Amsterdam, The Netherlands
Jürgen von Hollen	Pentair, The Netherlands
Vetrivel Dhagumudi	Kimberly-Clark Corporation, USA
Jos Paques	Paques, The Netherlands
Cees Buisman	Wetsus, Wageningen University, The Netherlands

For information about the call for papers:

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International Water Association (IWA),
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For general information about the International Water Week Amsterdam:

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