IWW CONFERENCE
INTEGRATED WATER SOLUTIONS
FOR A GREEN ECONOMY

Amsterdam, 5 - 6 November 2013*
You are invited to submit your paper

www.internationalwaterweek.com

*The IWW conference is part of the International Water Week Amsterdam 4 - 8 November 2013
For future cities to be sustainable and resilient, solutions are needed that simultaneously
address a number of interrelated issues. Key to these more integrated solutions is:

- **Reducing** water, energy and material use through efficiency and alternative production,
- **Re-using** water and recyclable materials and
- **Recycling** water and raw materials throughout the supply chains. Through these a sustainable green economy is created in which resources are re-used and hence material and energy costs are reduced and resilience against external shocks and extreme climatic events is increased. New technologies have to be developed to meet these goals. Technological and technical solutions which integrate the existing fields of interest, which build bridges between water technology and other technologies, like urban mining, energy recovery, solid waste handling and urban planning.

The International Water Week Amsterdam recognizes the need to address the above issues and therefore organizes every two years a 4 day event that focuses on integrated water solutions for sustainable and resilient cities and delta areas in the context of urban growth, climate change and the scarcity and re-use of water, energy and raw materials. In doing so, the International Water Week Amsterdam emphasizes on the one hand the green economy where water, energy and raw materials are recycled and reused and their use is made highly efficient, and on the other hand the resilience of the urban environment with protection against climate extremes, and coastal and river floods.

### TIMELINE FOR PROGRAMME DEVELOPMENT

- **Call for outline papers:** March 7th, 2013
- **Outline paper submission closes:** May 15th, 2013
- **Authors notified of acceptance:** July 8th, 2013
- **Advanced Programme:** July 15th, 2013
- **Submission of Full Paper:** September 1st, 2013

**YOU ARE INVITED TO SUBMIT YOUR PAPER**
ABOVE THE INTERNATIONAL WATER WEEK

The International Water Week (4-8 November 2013, Amsterdam, The Netherlands) combines several events, offering a unique combination of solutions, policy and science:

» The IWW Conference; the international water community platform for discussion on integrated water solutions for a green economy
» Aquatech Amsterdam, the world’s leading trade exhibition for process, drinking and waste water

» The Water Operator Partnership (WOP) Conference, addressing drinking water and sanitation in developing countries
» The Utility Leaders Forum, gathering global water utility leaders
» The Industrial Leaders Forum: where today’s industry leaders talk about solutions for tomorrow

The IWW Amsterdam will again welcome a large number of International Delegations from countries all over the globe. For the latest information on the programme see:
www.internationalwaterweek.com

OVERARCHING THEME AND RATIONALE

The International Water Week Amsterdam is organised every two years and focuses on integrated water solutions for sustainable and resilient cities and delta areas. This in the context of urban growth, climate change and the scarcity and re-use of water, energy and raw materials.

» establishing thought leadership on the integration of the green economy into sustainable planning and water management in deltas and their cities worldwide,

» facilitating international networking, and exchanging best practices and lessons learned on integrated water solutions to be implemented in the green economy in the urban environment,

» showing innovations in water technology, which deal with a green economy, save energy and produce raw materials, and

» contributing to the establishment of policies and governance arrangements that build the enabling environment for technologies to create water resilient deltas and cities.

THEMES AND PRIORITIES

1. TECHNOLOGY FOR OPTIMIZING THE URBAN WATER CYCLE

» New concepts and technologies in total urban water cycle management
» Aging infrastructure in the urban water cycle: challenges and renewing the system
» Connections and optimization between water, waste-water and solid waste cycles
» State of the art technology for safe and sustainable waste-water recycling and re-use
» Best available technologies for decentralized water and waste-water systems
» Water, energy and raw materials recovery in the urban water cycle
» Sustainable, adaptive and resilient urban drainage systems
» Technologies for sustainable solutions for the urban water-energy nexus
» Integration of water and energy cycle measurements, monitoring, management

2. URBAN DELTA TECHNOLOGY, PLANNING AND MANAGEMENT

» Delta related approaches and technologies for adapting to climate change
» Uncertainty and risk management in delta planning and management
» New approaches for managing floods and droughts in deltas and cities
» Spatial planning to reconcile competing water demands and land use in delta areas
» Innovative ‘man-made’ and ‘natural’ infrastructure for sustainable delta management
» Ecosystem restoration and delta resilience
» Optimizing the water, food, energy nexus in deltas
» Sustainable urbanization – reconciling cities’, agriculture’s and nature’s land use
3. INTEGRATED URBAN WATER MANAGEMENT

» Urban water resources and services as catalyst for the green economy
» Integrated water management in our future cities: challenges and opportunities
» Building and maintaining resilient and efficient urban water systems
» Information and communication technology for optimized urban water management
» Spatial planning and water management in urban environments
» New governance and institutional arrangements for water in our future cities
» Urban agriculture – water management
» Urban water - energy optimization: cooperation between water and energy utilities
» Urban water and public health
» Economics of sustainable urban water development and management

4. INDUSTRIAL - MUNICIPAL WATER USE SOLUTIONS

» Sustainable water reuse between industries and between municipalities and industries
» Company water footprint (CSR) reporting and reduction
» Industry specific water cycle solutions: oil & gas, pulp & paper, food & beverage, extraction & mining
» Water and water-energy efficiency as a business opportunity
» Water in the value chains of large corporations
» Industry perspectives on total water cycle management
» Water – energy - raw materials nexus: challenges and opportunities for industry
» Recovery of raw materials from waste streams

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.

<table>
<thead>
<tr>
<th>MEMBERS OF THE IWW 2013 PROGRAMME COMMITTEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lennart Silvis</td>
</tr>
<tr>
<td>Ger Bergkamp</td>
</tr>
<tr>
<td>Monique Bekkenutte</td>
</tr>
<tr>
<td>Jan Peter van der Hoek</td>
</tr>
<tr>
<td>Piet Dircke</td>
</tr>
<tr>
<td>Peter Simoes</td>
</tr>
<tr>
<td>Mathieu Pinkers</td>
</tr>
<tr>
<td>Valentina Lazarova</td>
</tr>
<tr>
<td>Mark Smith</td>
</tr>
<tr>
<td>Jonathan Clement</td>
</tr>
<tr>
<td>Xiaochang Wang</td>
</tr>
<tr>
<td>Durk Krol</td>
</tr>
<tr>
<td>Albert Janssen</td>
</tr>
<tr>
<td>Annemarie van Wezel</td>
</tr>
</tbody>
</table>

The final programme will include a blend of papers submitted in response to the call, invited speakers, and dedicated workshops.