

Water and Development Congress & Exhibition 2019



Sustainable Solutions for Emerging Economies

Congress Programme & Exhibition Catalogue

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Monday

Programme

Keynote Plenary	09:00 - 09:45		
Human rights to safe drinking water and sanitation Rosie Wheen <i>Chief Executive, WaterAid Australia</i>		Main Conference & Concert Hall	
Coffee Break	09:45 - 10:30		
Session 1	10:30 - 12:00		
DECENTRALISED OR CENTRALISED WASTEWATER TREATMENT IN ASIA'S MEGACITIES — UNDERSTANDING REGULATORY AND SOCIAL BARRIERS	Lavender Workshop	CAPACITY BUILDING AND TRAINING APPROACHES FOR WATER SAFETY PLANS	Orchid Workshop
Chair: David Tompkins <i>Aqua Enviro, United Kingdom</i> <p>With its booming urban population, highly visible and impactful pollution, sanitation and water quality challenges as well as tremendously increasing water insecurity, Asia provides huge opportunities for creative approaches to urban sanitation — but to fully exploit these opportunities will require new policy and regulatory thinking. In this session, we aim to identify priorities for a policy paper that addresses the key barriers to uptake of novel wastewater systems. We will do so through the lens of the international, multi-partner INNOQUA project, which is researching decentralized wastewater treatment processes that utilize earthworms, zooplankton and microalgae. Project team members (including Costel Bumbac, Tatjana Schellenberg, Evelyn Herrera Lopera and Jean-Baptiste Dussaussois) will facilitate and take part in a round-table workshop — the outputs from which will be developed in a policy paper for local stakeholders.</p>		Chair: Giuliana Ferrero <i>IHE Delft, The Netherlands</i> <p>The World Health Organisation (WHO) has recommended Water Safety Plans (WSPs), a holistic risk assessment and risk management approach, for drinking-water suppliers across low-, middle- and high-income countries, since publishing its 2004 Guidelines for Drinking-Water Quality. While rapid WSP adoption has occurred, capacity is still catching up to implementation needs. Many countries and regions lack case examples, legal requirements, and training resources for WSPs, corresponding to widespread capacity shortfall in the water supply sector. We propose a WSP training taxonomy and discuss it in relation to the stages of learning (introduction, practice, and reinforcement); describe the importance of customizing training to the target group, local language and circumstances; highlight the relevance of auditing for evaluating change over time; and call for robust methods to monitor WSP capacity development.</p>	
Lunch	12:00 - 13:30	* Poster presentations 12:10 — 13:20 at Lavender room and Stage 02 Exhibition Hall	
Session 2	13:30 - 15:00		
Coffee Break	15:00 - 15:30		
Session 3	15:30 - 17:00		
CITYWIDE INCLUSIVE SANITATION FOR THE SDGs: PRINCIPLES AND CASE STUDIES	Lavender Workshop	MODERNISING THE WATER AND SANITATION WORKFORCE	Orchid Workshop
Chair: Alyse Schrecongost <i>Gate Foundation, United States</i> <p>Collaborators from the regional regulator and utility associations, donors, and technical specialists will facilitate issue-specific round-table discussions. Citywide Inclusive Sanitation (CWIS) is an approach to sanitation planning and service delivery focused on reaching everyone in an urban area with services that are safe, equitable, and sustainable. Urban sanitation service systems are needed for customers irrespective of their infrastructure—sewered or non-sewered. Systems require a clear mandate, accountability, and resource management. Utility, regulatory, and municipal staff from Africa and Asia will share experiences formalizing service delivery systems that encompass non-sewered and low-income customers. Cases will be framed by an overview of CWIS initiatives of development banks, development partners, governments and professional associations. Groups will interrogate the approach in practice against SDGs 6,11.</p>		Chairs: Pratibha Mistry <i>World Bank, Colombo</i> and Naomi Carrard <i>University of Technology Sydney, Australia</i> <p>Water and sanitation service providers are uniquely placed to contribute to, and benefit from, the promotion of gender equality. As we work to achieve sustainable services for all in a rapidly changing world, it is timely to also consider how our workforce is structured and how to maximize its productivity and efficiency. This workshop will highlight the benefits that a diverse workforce can bring to the water sector. It will discuss common barriers to inclusion, as well as promising approaches that service providers can tap into. The interactive format will allow peer-to-peer learning among participants, who will share examples of promising initiatives from across the world. The workshop will showcase results from recent research that explores the barriers and opportunities for gender diversity in the water sector, including in water and sanitation utilities and in WASH enterprises.</p>	
Break	17:00 - 17:15		
Keynote Plenary	17:15 - 18:00		
Rural, regional and remote business models and rural-urban linkages Pay Drechsel <i>Strategic Program Leader – Managing Rural-Urban Linkages, International Water Management Institute</i>		Main Conference & Concert Hall	