

Solving Asia's Urban Water Crisis: The Water-Food-Energy-Climate Change Nexus

Day 1 – September 25, 2018		Megacities, Water, and Climate Change
Time	Activity	
1:30 PM-2:00 PM	Registration	
	Master of Ceremonies Mai Flor <i>Executive Director, WaterLinks</i>	
2:00 PM-2:10 PM	Welcome Remarks Blanca Jimenez-Cisneros <i>Director of the Division of Water Sciences, UNESCO, France (By Videolink)</i>	
2:10 PM-2:40 PM	The Range and Scale of Megacities' Water Vulnerabilities Arjun Thapan <i>Chairman, WaterLinks</i>	
2:40 PM-3:00 PM	Speaker 1 from select megacities <i>Seoul (TBD)</i>	
3:00 PM-3:20 PM	Speaker 2 from select megacities Prakash Govindasamy <i>Commissioner, Commissionerate of Municipal Administration, Government of Tamil Nadu, India (TBD)</i>	
3:20 PM-3:40 PM	Speaker 3 from select megacities Reynaldo V. Velasco <i>Administrator, Metropolitan Waterworks and Sewerage System, Philippines (TBC)</i>	
3:40 PM-4:00 PM	Coffee/Tea break	
4:00 PM-4:45 PM	Establishing a Regional Alliance: Costs and Benefits Alexandros Makarigakis <i>Programme Specialist, Disaster Risk Reduction, UNESCO</i>	
4:45 PM-5:30 PM	Preparing for the EauMega Conference, Paris, October 2019 Bruno Nguyen <i>Senior Consultant, UNESCO-IHP</i>	

Day 2 – September 26, 2018		The Nexus and Asia’s Urban Water Crisis
Time	Activity	
8:00 AM-9:00 AM	Registration	
	Master of Ceremonies Mai Flor <i>Executive Director, WaterLinks</i>	
9:00 AM-9:15 AM	Welcome Remarks Arjun Thapan <i>Chairman, WaterLinks</i>	
9:15 AM-9:30 AM	Message Patrick Wesner <i>Deputy Mission Director, USAID Philippines</i>	
9:30 AM-10:10 AM	Plenary Presentation 1 “The Nexus Paradigm: Integrated Solutions are Key” Patrick K. Decker <i>President and Chief Executive Officer, Xylem Inc., USA</i>	
10:10 AM-10:20	Question & Answer Session	
10:20 AM	Opening of Exhibition	
10:20 AM-10:45 AM	Coffee/Tea break	
10:45 AM-11:20 AM	Plenary Presentation 2 “It Takes Two to Tango: The Need for Water and Energy Neutrality” Mikell O’Mealy <i>Senior Associate, Climate Change, International Development Division, Abt Associates Inc., USA</i>	
11:20 AM-11:30 AM	Question & Answer Session	
	Parallel Session 1	

<p>11:30 AM-1:00 PM</p>	<p>“Climate Change Impacts on Urban Water and Energy Services: Solutions for Building Resilience”</p> <ul style="list-style-type: none"> • The Benefits of Managing NRW <i>Rene Dimaano, Head, Central Non-Revenue Water Division, Maynilad Water Services, Inc., Philippines</i> • Modern Plastic Piping Systems: A Sustainable Solution in Addressing Today’s Operational and Environmental Challenges <i>Pontawit Klungsuwan, Technical Service & Development Manager, PE100+ Association, Singapore</i> • Prediction Accuracy and Effectiveness of ICT System for Urban Flood Control Facilities <i>Yusuke SAKAE, River and Flood Prevention Department, NJS Co. Ltd., Japan</i> <p>Session Moderator Hasin Jahan <i>Board Member, WaterLinks</i></p>	<p>“Walking the Talk: Elements of a Nexus Assessment”</p> <ul style="list-style-type: none"> • Some Lesson from the Philippines B-LEADERS Project <i>Janet M. Lopo, CESO I, Undersecretary, Mindanao Development Authority, Philippines</i> • Supporting the Maldives to Improve Water Security and Become a Climate Resilient Island <i>Sonnya Valencia, Project Management Unit Director, Chemonics International</i> • From Water Short to Water Sufficient - Israel’s Experience <i>Ronen Mor, Director of Business Development, Asia Division, Tahal Group, Israel</i> • Arijanto Istandar, Board Member, WaterLinks <p>Session Moderator Dwike Riantara <i>Partnerships Management, Water Event Organizer</i></p>
<p>1:00 PM-2:00 PM</p>	<p>Lunch</p>	
<p>2:00 PM-2:30 PM</p> <p>2:30 PM-2:45 PM</p> <p>2:45 PM-3:00 PM</p> <p>3:00 PM-3:30 PM</p>	<p style="text-align: center;">Moderated Plenary Session 3</p> <p style="text-align: center;">“Waste Not, Want Not: Wastewater Recovery and Reuse”</p> <p style="text-align: center;">The Role of Technology <i>Kim Helleshoej Soerensen, Group Chief Technical Officer, VA TECH WABAG Ltd., India</i></p> <p style="text-align: center;">The Experience of Bangladesh <i>Hasin Jahan, Country Director, Practical Action, Bangladesh</i></p> <p style="text-align: center;">Turning Waste into a Valuable Resource: Successful ADB Projects and Examples from Asia and the Pacific <i>Christian Walder, Urban Development Specialist, Water Supply and Sanitation, Asian Development Bank</i></p> <p style="text-align: center;">Session Moderator Ramon Alikpala <i>Former Chairman, Metropolitan Waterworks & Sewerage System</i></p>	
	<p>Question and Answer Session</p>	
<p>3:30 PM-3:45 PM</p>	<p>Coffee/Tea break</p>	

3:45 PM-4:30 PM	<p style="text-align: center;">Plenary Presentation 4 "Water Efficiency and Energy Neutrality: Learnings from Aarhus, Denmark" Mads Warming, Global Director & KAM, Water & Waste Water, Danfoss VLT Drives A/S, Denmark</p> <p style="text-align: center;">Session Moderator Arjun Thapan <i>Chairman, WaterLinks</i></p>
4:30 PM-5:00 PM	<p style="text-align: center;">Wrap Up Day 1 discussions and Q&A Arjun Thapan <i>Chairman, WaterLinks</i></p>

Day 3 – September 27, 2018			
Time	Activity		
9:00 AM-9:15 AM	<p>Recap of Day 1 and Announcements Mai Flor <i>Executive Director, WaterLinks</i></p>		
9:15 AM-11:15 AM	<p>Plenary Presentation 5 “Disruptive technologies and water services in the Third Millennium”</p> <p>Digitalization is poised to offer solutions to the vexing challenges faced by the water and utility sector. This session will discuss digital disruption, using case studies of innovative technologies that are already influencing business models of water utilities. The session will explore the question – Is disruption a threat or an opportunity for ensuring the industry’s profitability and competitiveness?</p> <p>Amit Chanan, <i>Director City Projects and Property, City of Sydney, Australia and WaterLinks Board Member</i> Dharmendra Bisht, <i>Metrics Technologies, Dubai</i></p> <p>Session Moderator Amit Chanan <i>Director City Projects and Property, City of Sydney, Australia and WaterLinks Board Member</i></p>		
11:15 AM-11:30 AM	Coffee/Tea break		
	Parallel Session 2		
11:30 AM-1:00 PM	<table border="0"> <tr> <td style="vertical-align: top;"> <p>“Operating the Nexus Framework: An Illustration”</p> <ul style="list-style-type: none"> Analytics and Efficiency: Keys to Water Security <i>Representative, Xylem Inc., Singapore</i> Building Resilience while Reducing Cost of Transporting Water/Waste Water Rick Holland, <i>Area Managing Director, East Asia, Grundfos, Denmark</i> Water for Food and Municipal Use: The Case of Bulacan, Philippines Dr. Seville D. David, Jr., <i>Executive Director, National Water Resources Board, Philippines</i> <p>Session Moderator</p> </td> <td style="vertical-align: top;"> <p>“The Nexus Applications: Cases from Asia and Europe”</p> <ul style="list-style-type: none"> Desalination: The Indian Experience K. Ashok Natarajan, <i>CEO, Tamil Nadu Water Investment, Inc., India</i> Desalination as an antidote to Water Scarcity - The ADB Experience Jingmin Huang, <i>Principal Urban Development Specialist, South Asia Department, Asian Development Bank</i> Implementation of the Nexus Framework: The Case of the Netherlands John Batten, <i>Global Cities Director, Arcadis, Hongkong</i> A Perspective from the Private Sector SUEZ Representative <p>Session Moderator</p> </td> </tr> </table>	<p>“Operating the Nexus Framework: An Illustration”</p> <ul style="list-style-type: none"> Analytics and Efficiency: Keys to Water Security <i>Representative, Xylem Inc., Singapore</i> Building Resilience while Reducing Cost of Transporting Water/Waste Water Rick Holland, <i>Area Managing Director, East Asia, Grundfos, Denmark</i> Water for Food and Municipal Use: The Case of Bulacan, Philippines Dr. Seville D. David, Jr., <i>Executive Director, National Water Resources Board, Philippines</i> <p>Session Moderator</p>	<p>“The Nexus Applications: Cases from Asia and Europe”</p> <ul style="list-style-type: none"> Desalination: The Indian Experience K. Ashok Natarajan, <i>CEO, Tamil Nadu Water Investment, Inc., India</i> Desalination as an antidote to Water Scarcity - The ADB Experience Jingmin Huang, <i>Principal Urban Development Specialist, South Asia Department, Asian Development Bank</i> Implementation of the Nexus Framework: The Case of the Netherlands John Batten, <i>Global Cities Director, Arcadis, Hongkong</i> A Perspective from the Private Sector SUEZ Representative <p>Session Moderator</p>
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	Arijanto Istandar <i>Board Member, WaterLinks</i>	Yolanda Gomez <i>Partnership Coordinator, WaterLinks</i>
1:00 PM-2:00 PM	Lunch	
2:00 PM-3:30 PM	<p>Moderated Panel Discussion</p> <p>Collaboration: Cities of the Future and Asia's Urban Transformation</p> <p>Cities are growing exponentially, with the majority of the world's population now living in urban areas. This session will explore the most pressing question of our time – what will help our city planners and utility managers to best serve the urban environment of the future? The panel will discuss the deceptively simple yet extremely challenging concept of 'collaboration', and what it could do to address water and energy challenges of future cities.</p> <p style="text-align: center;">Amit Chanan, <i>Director City Projects and Property, City of Sydney, Australia</i> Anupma Jain, <i>Senior Urban Development Specialist, Asian Development Bank</i> Arjun Thapan, <i>Chairman, WaterLinks</i></p> <p style="text-align: center;">Session Moderator Arjun Thapan <i>Chairman, WaterLinks</i></p>	
3:30 PM-3:45 PM	Coffee/Tea break	
3:45 PM-4:30 PM	<p>Famous Last Words</p> <p>A Catch-all Plenary Session in Panel Format</p>	
4:30 PM-5:00 PM	Wrap Up	