

Monday 17 September

SCHEDULE	RECEPTION HALL A	RECEPTION HALL B	ROOM 101	ROOM 102	ROOM 601	ROOM 604	ROOM 605	ROOM 606	ROOM 607
09:00 - 09:45	<b>KEYNOTE PLENARY</b> <a href="#">Yuriko Koike</a> Governor of Tokyo and <a href="#">Toshio Koike</a> Director, International Centre for Water Hazard and Risk Management (ICHARM), Japan								
<b>BREAK</b> 09:45 - 10:30	<b>TECHNICAL</b> Customers and Tariffs	<b>TECHNICAL</b> Emerging Contaminants: Treatment	<b>WORKSHOP</b> Post SDGs: Future Vision Call	<b>TECHNICAL</b> Energy Efficiency & Recovery in Wastewater Management	<b>TECHNICAL</b> Instrumentation, Control & Automation in Treatment Processes	<b>TECHNICAL</b> Water Management in: Agroindustries/Food Industries	<b>WORKSHOP</b> Process Synthesis, Design and Control of Next Generation Resource Recovery & Wastewater Treatment Plants (WWTPs)	<b>WORKSHOP</b> Assessing Log Reduction Values for Drinking Water Treatment Technologies	<b>WORKSHOP</b> Climate Change Adaptation Through Application of Low Impact Development Strategies And Green Infrastructures
<b>SESSION 1</b> 10:30 - 12:00									
<b>LUNCH</b> 12:00 - 13:30	<b>TECHNICAL</b> Water Efficiency	<b>TECHNICAL</b> Community Based Planning	<b>WORKSHOP</b> Handling Emerging Substances in the Urban Watercycle	<b>TECHNICAL</b> Sulfur Conversions	<b>WORKSHOP</b> Principles of Online Data validation - An introduction	<b>TECHNICAL</b> Industry Onsite Recycling & Zero Discharge	<b>WORKSHOP</b> Towards A Next Generation Of Water Systems And Services For The Circular Economy	<b>TECHNICAL</b> Water Infrastructure Asset Management & Maintenance Solutions	<b>TECHNICAL</b> Algae, Taste, Odor & Toxin Control
<b>SESSION 2</b> 13:30 - 15:00									
<b>BREAK</b> 15:00 - 15:45	<b>TECHNICAL</b> Urban Drainage	<b>TECHNICAL</b> Modelling for Resilience	<b>WORKSHOP</b> Micropollutants II - Removal in WWTP	<b>WORKSHOP</b> Principles of Data Management - How Collected Data Can Be Useful & Reliable	<b>WORKSHOP</b> What Water Technologists Should Know about Advanced Process Modelling that will Accelerate their Design and Scale-up Efforts	<b>TECHNICAL</b> Water Reclamation for Non-potable Reuse	<b>WORKSHOP</b> From Innovation Partnerships to Citizen Involvement In The Modern Water Sector	<b>WORKSHOP</b> International Approaches to Water Efficiency Labelling	<b>TECHNICAL</b> Risk Assessment & Toxicology
<b>SESSION 3</b> 15:45 - 17:15									
17:30 - 18:15	<b>KEYNOTE PLENARY</b> <a href="#">Silver Mugisha</a> Chief Executive Officer, National Water and Sewerage Corporation, Uganda								
ROOM 608	ROOM 609	ROOM 610	ROOM ICR	ROOM 701 / 702	ROOM 703	ROOM 801	ROOM 802	BUSINESS FORUM 1	BUSINESS FORUM 2
<b>KEYNOTE PLENARY</b> <a href="#">Yuriko Koike</a> Governor of Tokyo and <a href="#">Toshio Koike</a> Director, International Centre for Water Hazard and Risk Management (ICHARM), Japan									
<b>TECHNICAL</b> Utilities Striving Towards Energy / Carbon Neutral Urban Water Services	<b>WORKSHOP</b> Appropriate Tariff Setting and Improvement of Customer Perception Towards Sustainable Water Supply	<b>WORKSHOP</b> Intermittent Water Supply (IWS) - A Paradigm Shift Is Imperative	<b>FORUM</b> Disaster Counter-measures and Risk Management towards Resilient Cities	<b>TECHNICAL</b> Benchmarking of Water Utilities	<b>TECHNICAL</b> Application of ICT for Utility Management	<b>SKILL DEVELOPMENT</b> Solving Complex Water Problems - A Toolkit (part 1)	<b>TRAINING 07:30 - 12:00</b> Delivering Regulatory Excellence in Water Energy Nexus <i>Registration required</i>	09:45 – 10:30 METAWATER	09:45 – 10:30 Japan Pavilion
								10:30 – 11:15 Taisei Kiko	10:30 – 11:15 Veolia
								11:15 – 12:00 Swing Corporation	
<b>TECHNICAL</b> Integration of Decentralised Solutions & Private Sector Strategies in Centralised Systems	<b>WORKSHOP</b> Nature Based Solutions: Engineering Approaches to Integrating Green and Grey Infrastructure From Catchment to Consumer	<b>TECHNICAL</b> Blue-Green Infrastructure	<b>FORUM</b> Disaster Counter-measures and Risk Management towards Resilient Cities	<b>TECHNICAL</b> Plant & Process Performances: How Can We Compromise Chemical Consumptions & Water Quality	<b>TECHNICAL</b> Non Revenue Water Management	<b>SKILL DEVELOPMENT</b> Solving Complex Water Problems - A Toolkit (part 2)	<b>TRAINING 13:00 - 16:30</b> Delivering Regulatory Excellence in Water Energy Nexus <i>Registration required</i>	12:15 – 13:00 Cosmo Koki	12:00 – 13:30 Denmark Pavilion
								13:30 – 14:15 Kubota Corporation	13:30 – 15:30 Emerging Technologies Programme
								14:15 – 15:00 Hitachi	
<b>TECHNICAL</b> Economic Evaluations & Financial Incentives to Support Community / City Benefits & Outcomes	<b>WORKSHOP</b> Nature Based Solutions: Engineering Approaches to Integrating Green and Grey Infrastructure From Catchment to Consumer	<b>WORKSHOP</b> Best Practice for Social Media in the Water Sector	<b>FORUM</b> Disaster Counter-measures and Risk Management towards Resilient Cities	<b>TECHNICAL</b> Chemical Drinking Water Treatment – Optimisation	<b>TECHNICAL</b> Leakage Detection & Solutions	<b>SKILL DEVELOPMENT</b> Publish in Style, a How To for Authors		15:45 – 17:15 Japan Pavilion	15:45 – 16:30 Meidensha Corporation
								16:30 – 17:15 Africa Pavilion	
<b>KEYNOTE PLENARY</b> <a href="#">Silver Mugisha</a> Chief Executive Officer, National Water and Sewerage Corporation, Uganda									
<b>PROJECT INNOVATION AWARDS (PIA) DINNER</b>									

**Tuesday 18 September**

SCHEDULE	RECEPTION HALL A	RECEPTION HALL B	ROOM 101	ROOM 102	ROOM 601	ROOM 604	ROOM 605	ROOM 606	ROOM 607
09:00 - 09:45	<b>KEYNOTE PLENARY</b> <i>Claudia Sadoff</i> Director-General, International Water Management Institute, Sri Lanka								
<b>BREAK</b> 09:45 - 10:30	<b>TECHNICAL</b> Monitoring & System Control	<b>TECHNICAL</b> Enabling Technology	<b>FORUM</b> 5th International Water Regulators Forum	<b>TECHNICAL</b> Emerging Contaminants & Microplastics	<b>TECHNICAL</b> Biosolids Management & Reuse	<b>TECHNICAL</b> Sewage Pollution & Treatment	<b>WORKSHOP</b> Water-Wise Cities I - Multi-purpose Water Services, Leveraging Multiple Benefits Across Sectors	<b>WORKSHOP</b> People Management I - Building the Water/Wastewater Workforce Needed to Protect the Public and the Environment	<b>TECHNICAL</b> Microbiology of Water Distribution Systems & Biofilms
<b>SESSION 1</b> 10:30 - 12:00									
<b>LUNCH</b> 12:00 - 13:30	<b>WORKSHOP</b> Global Water Pathogen Project and WHO Workshop for the Action Plan on Antimicrobial Resistance and Water Environment I	<b>TECHNICAL</b> Diffuse Pollution	<b>FORUM</b> 5th International Water Regulators Forum	<b>WORKSHOP</b> Microplastics in Wastewater - Why Do We Care?	<b>WORKSHOP</b> Industrial Water & Water Efficiency	<b>TECHNICAL</b> Sensors & Smart Solutions	<b>WORKSHOP</b> Water-Wise Cities II: Implementing Water-Wise Cities around the World: Lessons Learned	<b>WORKSHOP</b> People Management II - A Vision for Cultural Change through Diversity	<b>TECHNICAL</b> Novel Technologies
<b>SESSION 2</b> 13:30 - 15:00									
<b>BREAK</b> 15:00 - 15:45	<b>WORKSHOP</b> Global Water Pathogen Project and WHO Workshop for the Action Plan on Antimicrobial Resistance and Water Environment II	<b>FORUM</b> 5th International Water Regulators Forum	<b>WORKSHOP</b> Subsurface Water Storage: Catalyzer of Water Reuse Worldwide	<b>WORKSHOP</b> Effects of Microplastics in Freshwater and Soil Ecosystems	<b>WORKSHOP</b> Water Reuse in the Food-processing Industry	<b>TECHNICAL</b> Modelling for Decision Support	<b>WORKSHOP</b> Water-Wise Cities III - Water for Smart Liveable Cities	<b>WORKSHOP</b> Development & Advancements in Non-sewered Sanitation and Faecal Sludge Management	<b>TECHNICAL</b> Activated Carbon
<b>SESSION 3</b> 15:45 - 17:15									
17:30 - 18:15	<b>KEYNOTE PLENARY</b> <i>Shinichiro Ohgaki</i> President Japan Water Research Center (JWRC), Japan								
ROOM 608	ROOM 609	ROOM 610	ROOM ICR	ROOM 701 / 702	ROOM 703	ROOM 801	ROOM 802	BUSINESS FORUM 1	BUSINESS FORUM 2
<b>KEYNOTE PLENARY</b> <i>Claudia Sadoff</i> Director-General, International Water Management Institute, Sri Lanka									
<b>TECHNICAL</b> Resource Recovery I - Inorganic	<b>TECHNICAL</b> Activated Sludge Processes	<b>WORKSHOP</b> Climate Resilient Water Safety & Security Planning	<b>LECTURE</b> Phosphorus Recovery & Reuse from Wastewater	<b>TECHNICAL</b> Pipe Failures & Corrosion	<b>TECHNICAL</b> Pumps & Energy	<b>SKILL DEVELOPMENT</b> Water Communication in the Age of Fake News	<b>TRAINING 08:30 - 12:00</b> Performance Assessment & Improvement in Urban Water Services: The IWA Approach <i>Registration required</i>	09:45 – 10:30 METAWATER	09:45 – 10:30 Japan Pavilion
								10:30 – 11:15 Kubota Corporation	10:30 – 11:15 Xylem Inc
								11:15 – 12:00 Kurimoto	11:15 – 12:00 JFE Engineering Corp.
<b>TECHNICAL</b> Resource Recovery II - Organic	<b>TECHNICAL</b> Nutrient Removal I (Anammox)	<b>WORKSHOP</b> Groundwater for the Future	<b>WORKSHOP</b> Toward the Achievement of SDGs Relating to Sanitation and Wastewater Management (SDG 6.2, 6.3)	<b>TECHNICAL</b> Corrosion Control & Pipe Life Extension	<b>TECHNICAL</b> Distribution Network & Energy Savings	<b>TRAINING</b> Climate Smart Utilities - Adaptation <i>Registration required</i>	<b>TRAINING 13:00 - 15:30</b> Performance Assessment & Improvement in Urban Water Services: The IWA Approach <i>Registration required</i>	12:15 – 13:00 Swing Corporation	12:00 – 13:30 Denmark Pavilion
								13:30 – 14:15 Cosmo Koki	13:30 – 15:30 Emerging Technologies Programme
								14:15 – 15:00 Meidensha Corporation	
<b>TECHNICAL</b> Physio-chemical Treatment - Electrochemistry	<b>TECHNICAL</b> Biofilm & Granular Sludge Processes	<b>TECHNICAL</b> Groundwater Management	<b>WORKSHOP</b> Toward the Achievement of SDGs Relating to Sanitation and Wastewater Management (SDG 6.2, 6.3)	<b>WORKSHOP</b> Implementing Infrastructure Asset Management: Good Practice & Challenges	<b>TECHNICAL</b> Chemical Optimisation	<b>TRAINING</b> Climate Smart Utilities - Adaptation <i>Registration required</i>	<b>TRAINING 16:00 - 17:00</b> Performance Assessment & Improvement in Urban Water Services: The IWA Approach <i>Registration required</i>	15:45 – 17:15 Japan Pavilion	15:45 – 16:30 Netherlands Pavilion
									16:30 - 17:15 Nukote Coating Systems
<b>KEYNOTE PLENARY</b> <i>Shinichiro Ohgaki</i> President Japan Water Research Center (JWRC), Japan									
<b>CULTURAL EVENING</b>									

Wednesday 19 September

SCHEDULE	RECEPTION HALL A	RECEPTION HALL B	ROOM 101	ROOM 102	ROOM 601	ROOM 604	ROOM 605	ROOM 606	ROOM 607
09:00 - 09:45	<b>KEYNOTE PLENARY</b> Sudhir Murthy CEO, NEWhub, USA and Mark van Loosdrecht Chair professor in Environmental Biotechnology, Delft University of Technology, Netherlands								
<b>BREAK</b> 09:45 - 10:30	<b>TECHNICAL</b> Wastewater Treatment Pathogens & Antibiotic Resistance	<b>TECHNICAL</b> Water Quality & Restoration	<b>WORKSHOP</b> Innovators Workshop	<b>WORKSHOP</b> Water Reuse Opportunities & Challenges to Augment Non-potable & Potable Water Supplies	<b>WORKSHOP</b> Climate Change Impacts On Source Water Quality And Urban Water Supply Systems	<b>WORKSHOP</b> Urban Water Security: A Global Network, Local Solutions	<b>WORKSHOP</b> Communications In A Crisis Situation	<b>TECHNICAL</b> Cities in Transition	<b>TECHNICAL</b> Drinking Water Low Cost Solutions
<b>SESSION 1</b> 10:30 - 12:00									
<b>LUNCH</b> 12:00 - 13:30	<b>TECHNICAL</b> Water Safety Plans & Risk Assessment	<b>TECHNICAL</b> Environmental Impacts on Discharge Effluent	<b>FORUM</b> Science to Practice	<b>WORKSHOP</b> Experience and Challenges of Non-potable Reuse in East Asian Megacities	<b>TECHNICAL</b> Water Management in: Energy Production	<b>TECHNICAL</b> Social Issues for Water Access	<b>WORKSHOP</b> Building Pathways for City-to-City Collaboration on Climate Resiliency	<b>WORKSHOP</b> Utilities in Transition to High Performance and Low Carbon	<b>TECHNICAL</b> Membrane Processes for Drinking Water Treatment I
<b>SESSION 2</b> 13:30 - 15:00									
<b>BREAK</b> 15:00 - 15:45	<b>TECHNICAL</b> Disasters & Response	<b>TECHNICAL</b> Water Resources & Water Quality	<b>FORUM</b> Science to Practice	<b>WORKSHOP</b> Water Reuse for Emerging Economies: Lessons Learned from Distributed Water Reuse in Japan	<b>TECHNICAL</b> Microbial Ecology	<b>WORKSHOP</b> Policy Responses To Contaminants of Emerging Concerns In Freshwater - Taking Advantage Of New Scientific Developments	<b>WORKSHOP</b> Resilience in the Round		<b>TECHNICAL</b> Membrane Processes for Drinking Water Treatment II
<b>SESSION 3</b> 15:45 - 17:15									
17:30 - 18:15	<b>KEYNOTE PLENARY</b> Rebekah Eggers Global Water Leader, WW IoT, Energy, Environment, & Utilities Business, IBM, United States								
ROOM 608	ROOM 609	ROOM 610	ROOM ICR	ROOM 701 / 702	ROOM 703	ROOM 801	ROOM 802	BUSINESS FORUM 1	BUSINESS FORUM 2
<b>KEYNOTE PLENARY</b> Sudhir Murthy CEO, NEWhub, USA and Mark van Loosdrecht Chair professor in Environmental Biotechnology, Delft University of Technology, Netherlands									
<b>TECHNICAL</b> Modelling Treatment Processes	<b>TECHNICAL</b> Anaerobic Processes I	<b>WORKSHOP</b> Sustainable Development Goals: Beyond Benchmarking and Business As Usual	<b>LECTURE</b> Integrating Nature-Based Solutions for Water in Urban Water Infrastructure	<b>TECHNICAL</b> DWTP Rehabilitation	<b>TECHNICAL</b> Water Management in: Chemicals & Pharmaceuticals	<b>SKILL DEVELOPMENT</b> Policy Charrette: Challenging Young Leaders to Invent Future Water Policy	<b>TRAINING 08:30 - 12:00</b> Non Revenue Water Assessment and Management in Low and Middle Income Countries <i>Registration required</i>	09:45 – 10:30 METAWATER	09:45 – 10:30 Kubota Corporation
<b>TECHNICAL</b> Resource Recovery III (Nutrients)	<b>TECHNICAL</b> Anaerobic Processes II	<b>WORKSHOP</b> The Value of Water Information: Overcoming the Global Data Drought	<b>BUSINESS FORUM</b> Japan Business Forum Water Management in Megacities I	<b>TECHNICAL</b> WWTP Rehabilitation	<b>TECHNICAL</b> Preparedness for Extreme Events	<b>SKILL DEVELOPMENT</b> Policy Charrette: Challenging Young Leaders to Invent Future Water Policy		10:30 – 11:15 Japan Pavilion	10:30 – 11:15 Phoslock Water Solutions
								11:15 – 12:00 Hitachi Ltd.	11:15 – 12:00 Swing Corporation
<b>TECHNICAL</b> Resource Recovery IV (Nutrients & Sulfur)	<b>TECHNICAL</b> Nutrient Removal II	<b>TECHNICAL</b> Water Policy, Governance & Institutional Arrangements Including SDGs	<b>BUSINESS FORUM</b> Japan Business Forum Water Management in Megacities II	<b>TECHNICAL</b> Asset Management using ICT Strategies & Informing Public Policy	<b>TECHNICAL</b> Preparedness for Disasters	<b>SKILL DEVELOPMENT</b> Water Leaders Career Panel	12:15 – 13:00 Japan Pavilion	12:00 – 13:00 Denmark Pavilion	
							13:30 – 14:15 Cambii Group	13:00 – 15:00 Emerging Technologies Programme	
							14:15 – 15:00 Japan Pavilion	15:00 – 16:30 Canada Pavilion	
							15:45 – 16:30 Belgium Pavilion	15:00 – 16:30 Canada Pavilion	
							16:30 - 17:15 Xylem Inc	16:30 - 17:15 Africa Pavilion	
<b>KEYNOTE PLENARY</b> Rebekah Eggers Global Water Leader, WW IoT, Energy, Environment, & Utilities Business, IBM, United States									

Thursday 20 September

SCHEDULE	RECEPTION HALL A	RECEPTION HALL B	ROOM 101	ROOM 102	ROOM 601	ROOM 604	ROOM 605	ROOM 606	ROOM 607
09:00 - 09:45	<b>KEYNOTE PLENARY</b> Lars Therkildsen CEO, HOFOR, Denmark								
<b>BREAK</b> 09:45 - 10:30	<b>TECHNICAL</b> Disinfection By-Products	<b>TECHNICAL</b> Membrane Bioreactors	<b>FORUM</b> Emerging Water Leaders	<b>WORKSHOP</b> Digitalisation of Water - Trends & Opportunities	<b>TECHNICAL</b> Physico-chemical Treatment - Nanomaterials	<b>TECHNICAL</b> Integrated Water Resource Planning	<b>FORUM</b> Basin-Connected Cities Forum I - Urban Perspectives	<b>TECHNICAL</b> Resilience	<b>WORKSHOP</b> Taste and Odor Compounds and Algal Toxins in Water: Management Strategies in An Era of Extreme Climate and Urban Growth I
<b>SESSION 1</b> 10:30 - 12:00									
<b>LUNCH</b> 12:00 - 13:30									
<b>SESSION 2</b> 13:30 - 15:00	<b>TECHNICAL</b> Emerging Contaminants	<b>TECHNICAL</b> Membrane Application Wastewater Management	<b>FORUM</b> Emerging Water Leaders	<b>WORKSHOP</b> Digital Water Hot Topics: Cybersecurity, Connected Workforce & Business 4.0	<b>TECHNICAL</b> Nanotechnology / Nanomaterial Application		<b>FORUM</b> Basin-Connected Cities Forum II - Tools for Action	<b>TECHNICAL</b> Water Stress: Droughts & Floods	<b>WORKSHOP</b> Taste and Odor Compounds and Algal Toxins in Water: Management Strategies in An Era of Extreme Climate and Urban Growth II
<b>BREAK</b> 15:00 - 15:15									
15:15 - 16:45	<b>CLOSING CEREMONY</b> Including panel discussion of emerging water leaders and senior professionals to synthesise the week, best poster awards, CIWEM Environmental Photographer of the Year, signing of the IWA water-wise principles document, and handover from Tokyo 2018 to Copenhagen 2020.								
<b>GALA DINNER</b>									
ROOM 608	ROOM 609	ROOM 610	ROOM ICR	ROOM 701 / 702	ROOM 703	ROOM 801	ROOM 802	BUSINESS FORUM 1	BUSINESS FORUM 2
<b>KEYNOTE PLENARY</b> Lars Therkildsen CEO, HOFOR, Denmark									
<b>TECHNICAL</b> WWTP & Energy Optimisation I	<b>TECHNICAL</b> Emerging Contaminants & Micro Pollutants - General Aspects	<b>WORKSHOP</b> Reuse, Recover, Recycle - Accelerating Resource Recovery from Water - Part I and II	<b>LECTURE</b> Recent Trends in Potable Water Reuse	<b>WORKSHOP</b> BioCluster Workshop: Real-time Analysis of Microbial Communities - How Close Are We?	<b>TECHNICAL</b> Earthquake Experience	<b>SKILL DEVELOPMENT</b> Open Access & Innovations in Publishing	<b>TRAINING 08:30 - 12:00</b> Infrastructure Asset Management in Light of ISO 5500x Standards IAM	09:45 – 10:30 METAWATER	09:45 – 10:30 Belgium Pavilion
								10:30 – 11:15 Blue Foot Membranes	10:30 – 11:15 Yokogawa Electric Corp.
<b>TECHNICAL</b> WWTP & Energy Optimisation II	<b>WORKSHOP</b> Efficient Management of Water Supply by Introducing Public-Private Partnership	<b>WORKSHOP</b> Reuse, Recover, Recycle - Accelerating Resource Recovery from Water - Part III	<b>WORKSHOP</b> Supporting Policy Development – How to Land Policy Decision in Water & the Environment	<b>WORKSHOP</b> BioCluster Workshop: Real-time Analysis of Microbial Communities - How Close Are We?	<b>TECHNICAL</b> Outbreak & Emergency Response		<b>TRAINING 13:30 - 15:00</b> Infrastructure Asset Management in Light of ISO 5500x Standards IAM	11:15 – 12:00 Hitachi Zosen	11:15 – 12:00 Japan Pavilion
								12:15 – 13:00 Taisei Kiko	
								13:30 – 14:15 Japan Pavilion	13:30 – 14:15 Systea SpA
									14:15 – 15:00 Japan Pavilion
<b>CLOSING CEREMONY</b> Including panel discussion of emerging water leaders and senior professionals to synthesise the week, best poster awards, CIWEM Environmental Photographer of the Year, signing of the IWA water-wise principles document, and handover from Tokyo 2018 to Copenhagen 2020.									
<b>GALA DINNER</b>									