

TS – Technical Session
WS – Workshop

Theme 1 - Water Utility Management	Theme 2 - Wastewater Treatment and Resource Recovery	Theme 3 - Drinking Water and Potable Reuse	Theme 4 - City Scale Planning and Operations	Theme 5 - Communities, Communication, and Partnerships	Theme 6 - Water Resources and Large Scale Water Management
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		Sunday 11 September																			
A1																					
16:00 - 18:00		Opening Ceremony																			
18:30 - 20:00		Exhibition Opening & Welcome Reception (In the Exhibition Hall)																			
		Monday 12 September																			
		A1	A2	A3	C0	C1	C2	C3	B5a	B5b	B4a	B4b	B4c	B4d	B3a	B3b	B3c	B3d	B3e	B3f	B3g
09:00 - 09:45	Keynote Plenary																				
09:45 - 10:30	Coffee break																				
10:30 - 12:00		SDG Summit	Groundwater Forum I	Nature Based Solutions Workshop	Next Generation Water Action 1	WS 5.8 - The Art Of Collaboration: Crossing Borders To Solve Systems-Based Problems	TS 2.1.2-1 Anaerobic digestion and enhanced performance	TS 2.5.1 Sewer corrosion and odour management	TS 3.1. Technologies and operations - I	TS 3.12 Water Management: Source to Consumer	TS 5.1 Bottom-up resilience planning across the water cycle	WS 5.6 - Young Water Entrepreneurs: Entrepreneurship As A Way To Bridge Research And Practice	TS 1.12 Infrastructure rehabilitation	TS 1.21 Integrated digital water utility	TS 4.4.3 Microbial and chemical risks for city planning	WS - The Role of water and wastewater utilities in supporting Sustainable Development Goals	WS - Future Challenges For Removal Of Micropollutants In Waste Water Treatment Plants	TS 2.2.1-1 Water reclamation for non-potable reuse	TS 2.3.2-1 Advanced oxidation processes - Group 1	WS 1.3 - Addressing Water Shortage Mitigation In The Mediterranean Region	
12:00 - 13:30	Lunch																				
13:30 - 15:00		SDG Summit	Groundwater Forum II	AquaRating Workshop		WS Nature Based Solutions - A Way To Make Our Cities Circular	TS 2.1.2-1 Anaerobic digestion and enhanced performance	TS 2.1.4-2 Biofilm reactors	TS 3.2. Technologies and operations - II	WS 6.5 - Earth Observation For Water Management -- Building A Community Of Practice	TS 5.2 Incentives and drivers to enable change	TS 4.4.8 Innovative modelling tools for urban water systems	WS 1.2 -- Methodology And Context For Quantifying Your Sewer Methane	TS 1.19 Digital business approaches at utility scale	TS 4.4.2 Drivers and hazards at city scale	WS - Evaluation criteria and approaches for tools in NBS planning	TS 2.5.3-1- Wastewater epidemiology: SARS-Cov-2	TS 2.2.1-2 Water reclamation for non-potable reuse	TS 2.3.2-2 Advanced oxidation processes - Group 2	TS 1.18 Utility responses and adaptation to climate change impacts	
15:00 - 15:45	Coffee break																				
15:45 - 17:15		SDG Summit	Groundwater Forum III	Special Lecture - Professor Gustaf Olsson: Festschrift Presentation and Legacy Lecture	Dissemination Of Research Results To The Water Community In Europe And Beyond	TS 6.4 Surface water issues related to ecosystem, recreation, drinking water source and monitoring	TS 2.1.2-2 Improved anaerobic process	TS 2.1.5 Membrane bioreactors and fouling control	TS 3.5. Decentralised solutions and Potable water reuse	WS 3.5 - Prevention And Management Of Taste-and-Odour Events In Supplies	WS 5.1 - How The Water Industry Can Support Women Internationally	TS 1.3 New services and perspectives for water utilities	TS 1.13 Sewer overflow management at utility level	TS 1.20 Utility-scale data collection, visualisation and utilisation	TS 4.4.5 Flood risk management	WS - Nature Based Solutions for climate-resilient cities in Developing Countries under Change	TS 2.5.3-2 Wastewater epidemiology: ARGs, SARS-Cov-2 and other pathogens	TS 6.5 Technical Achievements for surface water control		WS 1.3 - Innovative Approach To Nature-based Solutions For Urban Climate Resilience	
17:15 - 17:30	Break																				
17:30 - 18:15	Keynote Plenary																				
Evening																					

Tuesday 13 September

	A1	A2	A3	C0	C1	C2	C3	B5a	B5b	B4a	B4b	B4c	B4d	B3a	B3b	B3c	B3d	B3e	B3f	B3g
09.00 - 09.45	Keynote Plenary																			
09.45 - 10.30	Coffee break																			
10.30 - 12.00		Utility Leaders Forum I	Forum for Industrial Water Users I	Emerging Water Leaders Forum I	Inclusive Urban Sanitation 1	WS 5.3 - Putting Cross Border Collaboration into Practice	WS - BioCluster Workshop - Microbial Ecology in Water Engineering: From Theory To Practice	TS 2.4.2-1 Biosolids management & reuse	TS 3.3 Groundwater based production - I	TS 3.13 Water Management in Diverse Contexts	TS 5.3 Enabling health, well-being and liveability outcomes	WS 5.7 - Creating An Effective Innovative Eco-system. How The UK Enhances & Enables Innovation And What We Can Continue To Learn	TS 1.9 Asset management and optimization innovation	TS 1.5 Utilities water reuse throughout the water cycle	TS 4.4.1 Data driven modelling at city scale	WS - Tapping the value of urban drainage systems (UDS) data	TS 2.4.3-1 PFAs as emerging contaminants of concern	TS 6.1 Groundwater Holistic approaches and regulation for water security	TS 2.3.3 Nanomaterials and nanotechnology	TS 1.6 Sustainable utility management - the Nordic experience
12.00 - 13.30	Lunch																			
13.30 - 15.00		Utility Leaders Forum II	Forum for Industrial Water Users II	Emerging Water Leaders Forum II	Inclusive Urban Sanitation 2 (DEI)	WS 1.4 - Developing Consensus And Good Practices For Digital Twin Applications A	TS 2.1.6 Microbial ecology (Communities, meta-omics)	TS 2.4.2-2 Biosolids management & reuse	TS 3.4 Groundwater based production - II	WS 6.5 - Coordinated Management From Source To Sea - In The Baltic Sea And Other Basins	TS 5.4 Partnerships and cooperation in and beyond the water sector	WS 1.5 - Research To Technology -- Turning High Impact Research Into Breakthrough Technology	TS 1.10 Asset management and optimization modelling	WS-1.5 How To Build Integrative, Regional Strategies For Responsible Water Reuse?	TS 4.4.4 Planning in respect of nature impacts	WS - Exploring framework conditions for utilities to reduce GHG emissions	TS 2.4.3-2 Micropollutants as emerging contaminants of concern	TS 6.2 Groundwater management - Key's to SDGs	TS 6.6 Strategic digital control of water management	TS 1.7 Sustainable utility management
15.00 - 15.45	Coffee break																			
15.45 - 17.15		Utility Leaders Forum III	Forum for Industrial Water Users III	Water Safe Cities	Advancements In Non-Sewered Sanitation	WS 1.4 - Developing Consensus And Good Practices For Digital Twin Applications B	TS 2.1.3a Activated sludge processes: Microbial community dynamics	TS 2.4.3-4 Microplastics as emerging contaminants of concern	TS 3.8 Nonrevenue Water, Leakage Management and Intermittant Water Supply	WS 3.2 - Alleviating Water Scarcity Using Groundwater: The Role Of Knowledge Exchange Through International Cooperation	WS 5.2 - Towards Climate Smart Utilities	TS 6.7 Water stress, droughts and floods, including impact of climate change	TS 1.11 Asset management and optimization case studies	WS-1.2 - On-site Reuse Of Water Across The World	TS 4.4.9 Pollution of urban water: Monitoring, modelling, and controlling	WS - Groundwater management for climate change adaptation considering the interaction between infrastructure and groundwater	TS 2.4.3-3 Pharmaceuticals as emerging contaminants of concern	WS - High Value Products Based On Carbon In Wastewater - How Do We Select And Is It Sustainable?	TS 6.3 Groundwater - Resilience Approaches	TS 1.8 Greenhouse gas emissions in Denmark
17.15 - 17.30	Break																			
17.30 - 18.15	Keynote Plenary																			
Evening	Project Innovation Awards																			

Wednesday 14 September

	A1	A2	A3	C0	C1	C2	C3	B5a	B5b	B4a	B4b	B4c	B4d	B3a	B3b	B3c	B3d	B3e	B3f	B3g
09.00 - 09.45	Keynote Plenary																			
09.45 - 10.30	Coffee break																			
10.30 - 12.00		Utility Leaders Forum IV	Regulators Forum I	Africa Day	Innovators Platform 1	WS 1.4 - Skills For A Digital Water Future	TS 2.1.3b Activated sludge processes: The nitrogen cycle	TS 2.6. Digital tools for wastewater process optimization	TS 3.6 Emerging contaminants (PFAS, pesticides and others) - I	TS 3.14 Digital Water	TS 5.5 WASH and Community-Scale Water Management	WS 5.9 - Global Megatrends And Workforce Of Tomorrow	TS 1.1 Non-revenue water - case studies	TS 1.16 COVID-19 Pandemic scientific responses at utility level	TS 4.4.7 The urban water cycle: monitoring and modelling	WS - Systemic management for water wise cities - scandinavian experiences	WS 1.4 - Digital Water: Benefits And Return On Experience For The Water Sector	TS 2.2.3-1 Recovery of nutrient and chemicals: Group 1	TS 6.8 Water resource management and adaptation to climate change impacts	WS 1.1 - The Road Towards Climate And Energy Neutral Water Utilities
12.00 - 13.30	Lunch																			
13.30 - 15.00		Utility Leaders Forum V	Regulators Forum II	Upscaling Faecal Sludge and Septage Management (FSSM) to City Wide Inclusive Sanitation (CWIS) - Experience from India (state of Uttar Pradesh) and Global South.	Innovators Platform 2	TS 6.11 Circular Economy 1	TS 2.1.1-1 innovative mainstream wastewater treatment	TS 2.6 Data-driven tools for wastewater treatment processes	TS 3.6 - Emerging contaminants (PFAS, pesticides and others) - II	WS - Health Risk Assessment Of Antimicrobial Resistance In Water Systems	WS 5.3 - Online And Hybrid Approaches To Knowledge Exchange And Capacity Building For Water Operator Partnerships (WOPs)	WS 1.5 - The Future Of Water Cooperation Programmes: How To Ensure Equal Access To The Best Available Solutions And Technology	WS 1.1 - Non-Revenue Water Management In Low And Middle Income Countries- A	TS 1.17 COVID-19 Pandemic impacts and case studies at utility level	TS 4.4.10 Digital water cities	WS - Water for smart liveable cities	TS 2.2.2-1 Energy efficiency and recovery: Group 1	TS 2.2.3-2 Recovery of nutrient and chemicals: Group 2	TS 6.9 Catchment management and natural capital approaches on different scales	WS 1.1 - Water Efficiency: The Fastest, Cheapest, Largest Source Of New Water
15.00 - 15.45	Coffee break																			
15.45 - 17.15		Latin America & the Caribbean	Regulators Forum III	NFSSM Workshop - Collaborative Approach to Resilient and Inclusive City Sanitation: Best practices for a multi-stakeholder ecosystem	Innovators Platform 3	TS 6.12 Circular Economy 2	TS 2.1.1-2 Optimization and control of nutrient removal	TS 2.3.1 Membrane applications in wastewater management	TS 3.9 Emerging Pathogens and Their Management in Drinking Water and Water Reuse	WS 3.2 Groundwater As A Sustainable Supply Resource	WS 5.4 - Water Orientated Living Labs As A Mean To Engage Stakeholders In The Development And Demonstration Of Water Technologies	TS 1.22 Fostering innovation and partnerships at utility level	WS 1.1 - Non-Revenue Water Management In Low And Middle Income Countries- B	TS 1.15 Management of extreme events	TS 4.4.11 Nature-based solutions, sponge cities and blue-green infrastructure	WS - TRAINING: Assessing project impacts on all SDGs with the Water4AIDSGs App	TS 2.2.2-2 Energy efficiency and recovery: Group 2	TS 2.2.3-3 Recovery of nutrient and chemicals: Group 3	TS 6.10 Holistic Assessments and Approaches	WS 1.2 - Sustainable Small Wastewater Treatment Plants: Present, Future, Opportunities And Challenges
17.15 - 17.30	Break																			
17.30 - 18.15	Keynote Plenary																			
Evening	Cultural Event																			

Thursday 15 September

	A1	A2	A3	C0	C1	C2	C3	B5a	B5b	B4a	B4b	B4c	B4d	B3a	B3b	B3c	B3d	B3e	B3f	B3g
09.00 - 09.45	Keynote Plenary																			
09.45 - 10.30	Coffee break																			
10.30 - 12.00		Regulators Forum IV				TS 6.13 Integrated Assessment	TS 2.1.4-1 Aerobic Granular Sludge	TS 2.4.1 Dedicated treatment	WS - Holistic Approaches To Solving Conflicts About Water	WS 3.4 - Leading Edge Sand Filtration	WS 5.5 - Reaching Out For The Water Wise Generation	WS 1.3 - Advancing Coastal Resiliency For Imperiled Barrier Island Systems	TS 1.4 Optimisation of water distribution networks	WS - Collaboration Of Water Utilities And Authorities In Crisis	TS 4.4.12 Transitioning to and implementation of sustainable and water wise cities	WS 2. Microplastics from a water perspective	WS - UNFC System For Groundwater-Resource Projects	WS - How To Operationalise Integrated Urban Water Management – A Five-step Guide	WS 6.19 - Governance And Transition To A Circular Economy In Public Water Services	WS - Water In Circular Economy And Resilience: An Opportunity To Transform Urban Water Services
12.00 - 13.30	Lunch																			
13.30 - 15.00		Regulators Forum V		Climate Smart Utilities Recognition Programme	WS - Innovation & Entrepreneurship: Developing Entrepreneurial Capabilities For The Water Sector	WS - Aerobic Granular Sludge: Intensifying And Greening WWTPs	TS 2.3.4 Other physico-chemical treatment techniques	TS 3.11 Microbial, Chemical, and By-Product Risk and Management	WS - SG Health Related Water Microbiology And WHO Workshop: Recreational Water Quality Translating Science To Policy	WS Session1: An Innovative Paradigm in Water Informatics for Smart City Applications	TS 1.2 Utility efficiency and excellency	WS - Are You Adequately Assessing Your Water Losses? Learn To Use The WL Performance Indicators	TS 1.14 Integration of decentralised solutions in a centralised system	TS 4.4.6 Holistic urban water management planning	WS - Sanitation in urban informal Settlements	WS - Actionable Pathway To Implementation Of Nature-based Solutions	WS - Lifecycle System Thinking And System Boundaries For Sustainability Assessment Of Water Management	WS - The Digital Worker -- Challenges By International Utilities	WS - Determination And Application Of Circular Economy Policies And Strategies In The Water Sector	
15.00 - 15.15	Coffee break																			
15.15 - 16.45	Closing Ceremony																			
Evening	Gala Dinner																			